System 26 Hi/Hi+ Bi-Folding Door

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Issue Date: 31/07/2015

Specification

System 26 Hi/Hi+
BI-FOLDING DOOR

The Metal Technology Thermally Broken System 26 Bi-Folding Door has been designed to offer the specifier the advantages of polyamide thermal break technology in meeting the latest thermal requirements of the current building regulations.

Introduction
The System 26 Bi-Folding Door offers slim sight lines and a choice of square or curved sash profiles. Included in the basic suite of profiles are low and rebated thresholds. Structural openings, up to maximum width of 5900mm, with a choice of opening and folding sash combinations, offer architects and designers the ability to achieve flexible design solutions.

The System 26Hi+ range is an adaptation of the 26Hi range through the inclusion of additional gaskets and foam inserts which further enhance the system's thermal performance.

As with all Metal Technology systems, the System 26 Bi-Folding Door is manufactured to exacting standards enabling economy to be combined with strength to give many years of aesthetic, trouble-free operation.

Materials
Aluminum profiles are extruded from aluminium alloy 6060T6, T5 or T4 complying with the recommendations of BS EN 12020-2 / BS EN 755-Parts 1 to 9. Polyamide thermal breaks are produced from glass reinforced nylon sections designed to withstand temperatures in excess of 200°C, allowing the sections to be powder coated after thermally breaking.

Finishes
The range of sections can be provided in either of the following range of finishes:
1. Anodised to BS EN 12373-1 or BS 3987
2. Powder organic coated to BS 6496 or BS EN 12206-1

The System 26Hi/Hi+ Bi-Folding Door can accommodate a different colour/finish internally to that used externally.

Construction
Outer frame bars are mitre cut at 45°. The frame therefore may be assembled on site using corner braces and mechanical die cast cleats. Sash members are mitre cut at 45° and corners are reinforced with extruded aluminium crimping cleats and corner braces. A secure joint is formed by pneumatically crimping into the extruded crimping cleat.
All frame joints are sealed during construction against entry of water using a suitable sealant. Extruded weatherstrips and glazing gaskets are provided to resist the ingress of water.

Metal Technology recommend that only A2 or A4 Austenitic (300 series/class 70) stainless steel fixing screws are used in the assembly of their products.

Glazing
The system is internally glazed and can accommodate glazing units from 28mm to 50mm. Glass is set against extruded gaskets externally which are fitted into gasket grooves in the sash upstand. Clip in beads are then fitted to the inside of the frame and held secure by means of colour coded wedge gaskets internally. For glass support, purpose made setting/location blocks are provided to locate into the sections.

Installation
Detailed installation instructions are provided which should be strictly followed.

Door Fittings
The sections are designed to suit bespoke clamp fixed hinges, full or half bottom roller/top guide assemblies and central hinge with pull handle option. A one piece multipoint door lock with keeps, euro cylinder locking and lever handles are offered for the master door leaf.
Shoot bolt lock, flush operating handles and euro cylinder options are also available for the intermediate folding sashes. Metal Technology are able to supply a range of fittings and accessories. See relevant section of this manual for details of fitting requirements for specific door leaf combinations.

Maximum Size Limits

	Door sash width	Door sash height
Maximum	1000	2500
Minimum	700	1900

Maximum door sash weight is 100 Kg.

For complete details of maximum/ minimum size limits see the limitation charts in Section 3 of this manual.

Performance
The low rise threshold options are suitable for moderately exposed ground floor applications only. Where performance is critical, or above ground floor, fully rebated doors must be used.

Doors have been tested to BS 6375. Performance data can be obtained from Metal Technology's Technical Department.

Security
System 26 Bi-Folding Door has passed PAS 24 "Enhanced Security Performance Requirements for Door Assemblies" as generally accepted on Secure by Design projects. To conform, the door must be in accordance with the samples tested, with ironmongery options as detailed in section 3 of this manual.

In order to comply with PAS 24, doorsets should be glazed in accordance with the methods in BS 6262 and BS 8000-7.
The units should also be sealed conforming to BS EN 1279 and incorporating glass conforming to BS EN 356 Class P1A minimum.

Development
Our policy is to continually research the market for new and improved products. We must therefore retain the right to amend specifications without prior notice. It is recognised at Metal Technology that in some instances special sections may be required for particular projects. When this occurs it may be possible to produce bespoke profiles subject to there being sufficient quantity and adequate time.

Specification

System 26 Hi/Hi+
BI-FOLDING DOOR

Thermal Performance

Metal Technology's THERM_AL range, in conjunction with the correct glass specification, is designed to aid compliance with the latest thermal requirements of the current building regulations.

The polyamide thermal break profiles have been specifically designed to minimise heat transfer across the door profiles. This innovative and advanced thermal break technology provides the basis of system 26Hi.

System 26Hi+ further boosts thermal performance through the introduction of specially designed thermal foam profiles. These reduce radiation heat loss across the air cavities within the window profiles to provide additional thermal enhancement.

System 26Hi+ offers significantly improved U-frame values over more traditional thermally broken aluminium door systems. Where a less onerous thermal specification is required the foams may be omitted, resulting in the system being referred to as System 26Hi.

	U-frame values	
	26Hi	26 Hi+
Outer frame and sash	**3.22W/m²K**	**2.12W/m²K**

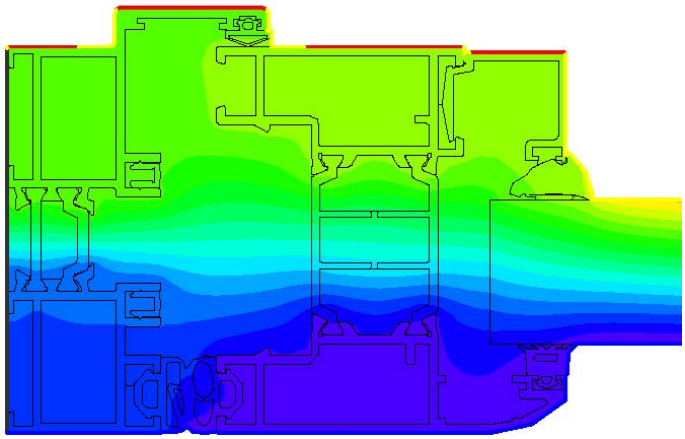
The following table, based on standard fully glazed single/double door configurations and warm edge spacers, demonstrates how such improved U-frame values then contribute to improving the overall thermal performance of a complete door.

Achievable whole door U-values	Centre pane U-value	
	1.1W/m²K	0.6W/m²K
System 26 Hi Bi-Fold*	**1.64W/m²K**	**1.25W/m²K**
System 26 Hi+ Bi-Fold*	**1.42W/m²K**	**1.03W/m²K**

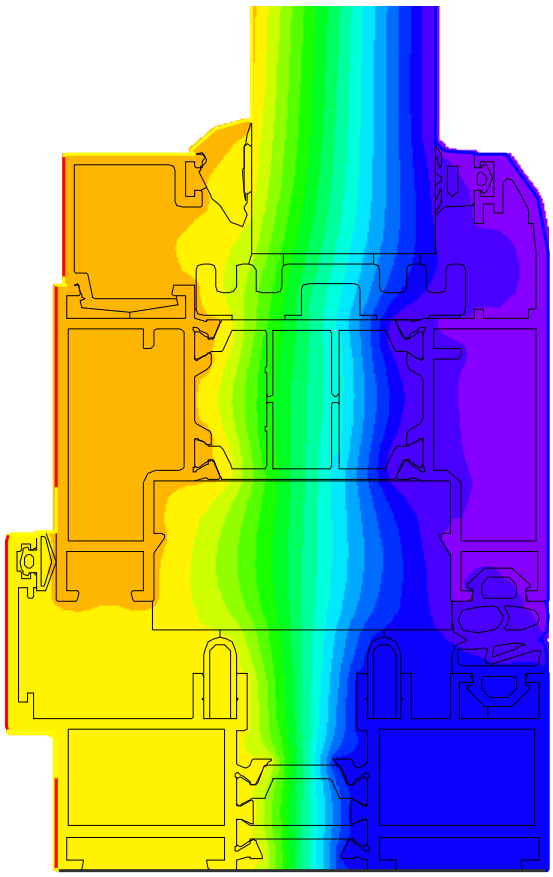
*Door U values based on 3000mm x 2200mm three pane Bi-Fold using warm edge swiss spacer V bars and fully rebated thresholds.

Metal Technology can provide tailored U-value calculations using their dedicated estimating software to calculate overall project average U-values for their full range of systems.

26Hi Door

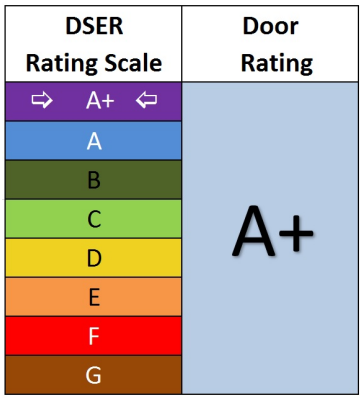


26Hi+ Door



Door Energy Rating

Metal Technology's System 26Hi+ has been assessed by an approved simulator in accordance with the BFRC's guidelines, using their official Energy Rating software, and has been proven to be capable of achieving a 'A+' rating.



Profile Index

System 26 Hi/Hi+

BI-FOLDING DOOR

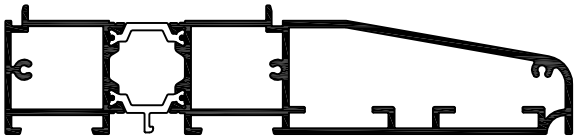
PROFILE ILLUSTRATION	SHEET REF NUMBER	COMPUTER REF NUMBER	PERIMETER mm
BF001002	26/1/30	328	107
BF014 BF015	26/1/10	BF001 BF002	269 207
	26/1/20	BF001 BF008	269 301
	26/1/10	BF005 BF007	276 208
	26/1/10	BF006 BF007	265 208
BF001008 BF009002	26/1/20	BF009 BF002	365 207
	26/1/30	BF013	60
	26/1/30	BF014	180
	26/1/30	BF015	125
BF006007 BF005007	26/1/30	BF016	119
	26/1/30	BF017	350
	26/1/30	BF018	49
	26/1/30	BF020	46
	26/1/30	BF021	71
BF016 BF017	26/1/30	BF029	30
	26/1/30	BF030	260
	26/1/30	PTT13	141
PTT13 PTT14 328 TT16 TT17A	26/1/30	PTT14	129
	26/1/30	TT16	117
	26/1/30	TT17A	96
BF013 BF018 BF029 BF020 BF021 BF030			

Scale 1:2

Profile Index

System 26 Hi/Hi+

BI-FOLDING DOOR

PROFILE ILLUSTRATION	SHEET REF NUMBER	COMPUTER REF NUMBER	PERIMETER mm
BF024026 	26/1/60	BF024 BF026	320 174
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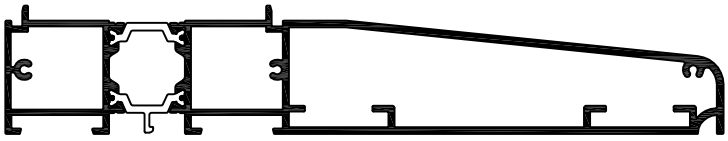
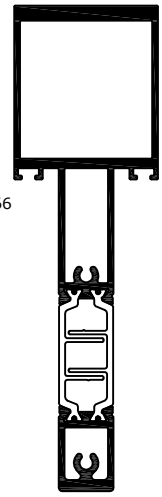
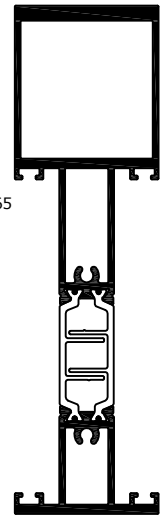
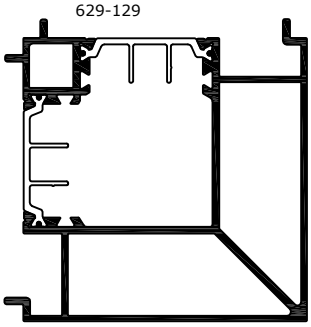
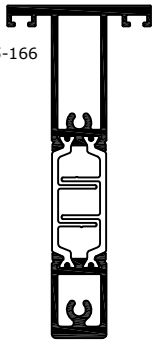
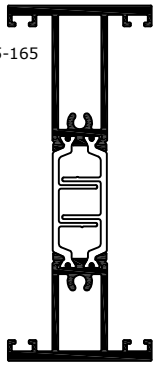
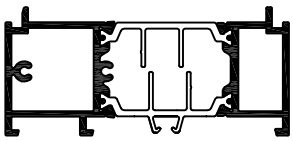
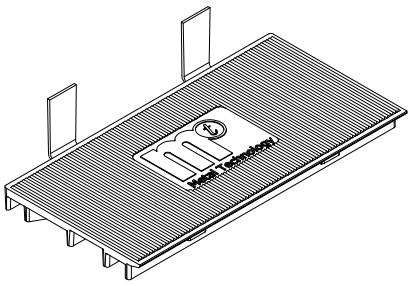
	26/1/40	629 129	418 47
	26/1/50	650 040	175 132
BF025026 	26/1/40	665 165	201 180
	26/1/40	665 166	201 91
	26/1/50	667 165	282 180
	26/1/50	667 166	282 91
667-166 			
667-165 			
629-129 			
665-166 			
665-165 			
650-040 			

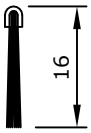
Scale 1:2

Component Identification

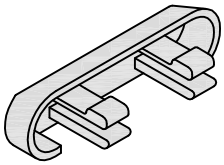
System 26 Hi/Hi+
BI-FOLDING DOOR



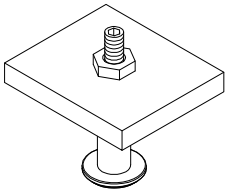
BF060
GLAZING SUPPORT BLOCK
BF114
GLASS JACK GLAZING SUPPORT



BF033 BRUSH SEAL

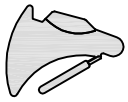


CA17
DRAINAGE CAP

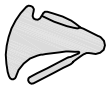


BF113
GLASS JACK

GLAZING GASKETS



066 Grey



BF109 Pastel violet

CA27 White

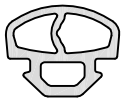
PTT36 Red

6080 Purple

6081 Black

CA25A Black

WEATHERSEALS



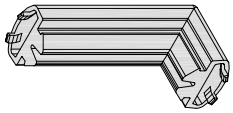
BF036
BUBBLE SEAL

BF037
FLIPPER SEAL

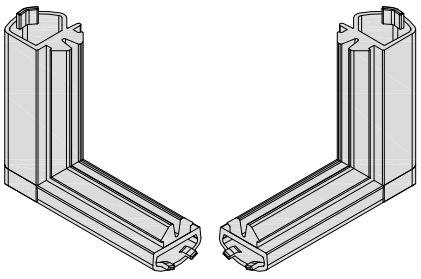
BF038
LARGE BUBBLE SEAL

CS60
WEATHERSEAL

CORNER MOULDINGS

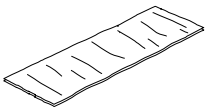


BF074
STANDARD BUBBLE CORNER MOULDING

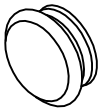


BF075
LARGE BUBBLE CORNER MOULDING
(Unit = Pair)

BF039
CURTAIN WALL PERIMETER GASKET

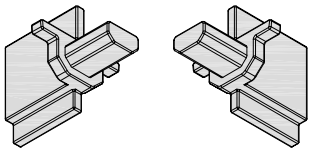


HR5064/450
(1 piece at 450mm)
HR5064/200
(2 pieces at 200mm)
45mm FOIL-BACKED SEALANT TAPE

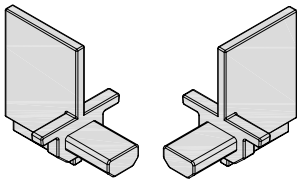


SD40
GROMMETS
(Black)

END MOULDINGS



BF076
STANDARD END MOULDINGS
(Unit = Pair)



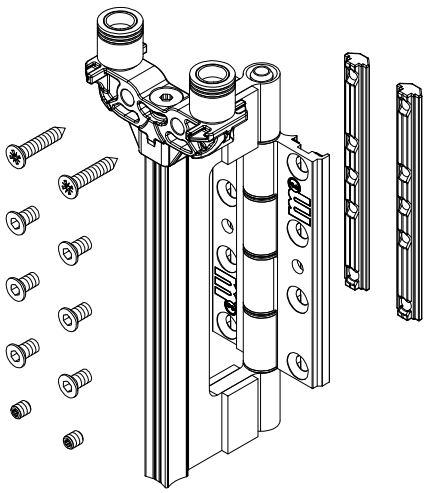
BF079
LARGE END MOULDINGS
(Unit = Pair)

Not to Scale

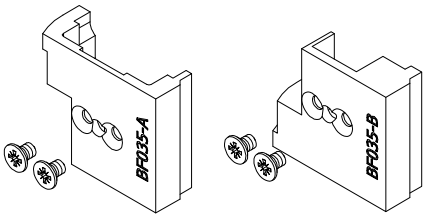
Component Identification

System 26 Hi/Hi+

BI-FOLDING DOOR



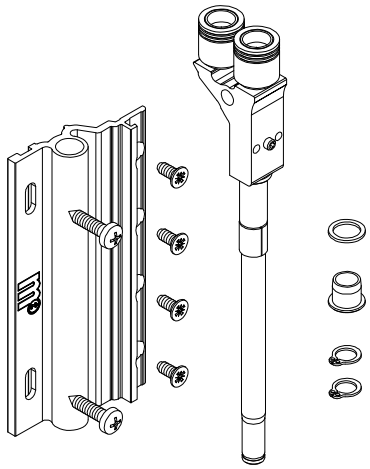
BF041
TOP GUIDE ASSEMBLY
(BLACK FINISH)



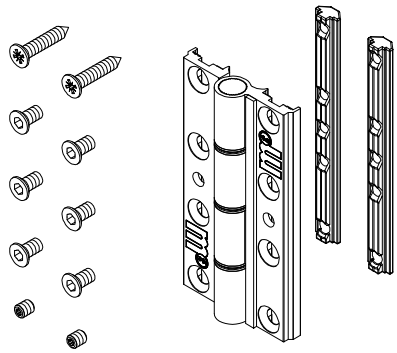
BF035
SUPPORT BLOCKS
(Unit=Pair)

Four shims are included in each hinge, roller and handle assembly. Additional shim shown below.

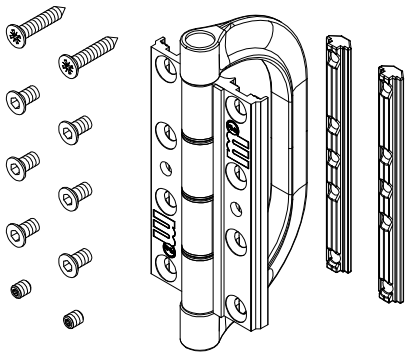
BF046
ADDITIONAL
ADJUSTMENT SHIM



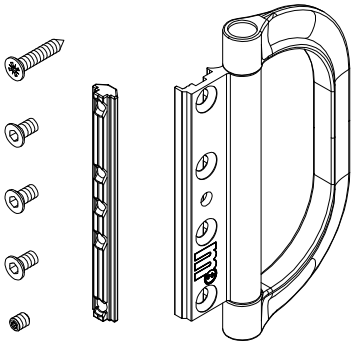
BF043
HALF TOP GUIDE ASSEMBLY
(BLACK FINISH)



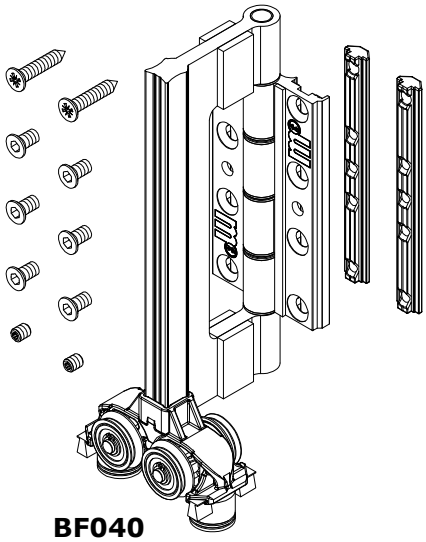
BF045
HINGE ASSEMBLY
(BLACK FINISH)



BF044
'D' HANDLE HINGE ASSEMBLY,
OPEN OUT (BLACK AND
CHROME FINISHES)



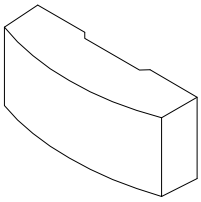
BF048
'D' HANDLE ASSEMBLY
(BLACK AND CHROME FINISHES)



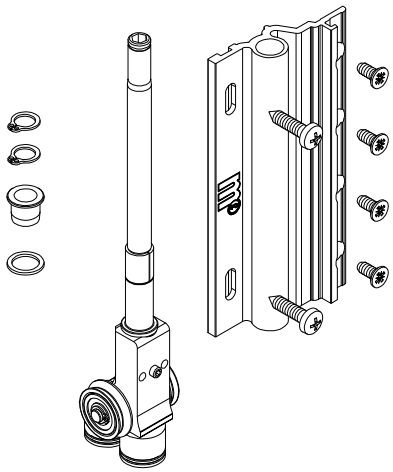
BF040
ROLLER ASSEMBLY
(BLACK FINISH)

Tapping blocks and fixings are included in each hinge, roller and handle assembly. Additional block shown below.

BF047
ADDITIONAL TAPPING BLOCK



BF122
TOP GUIDE BLOCK



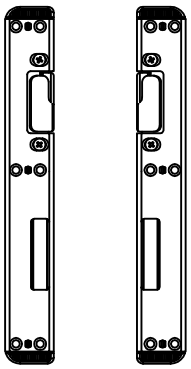
BF042
HALF ROLLER ASSEMBLY
(BLACK FINISH)

Not to Scale

Component Identification

System 26 Hi/Hi+

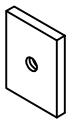
BI-FOLDING DOOR



OPEN OUT DOORS and
OPEN IN DOORS

BF085 - HOOKBOLT AND ROLLER KEEP AT JAMB (RH and LH pair)

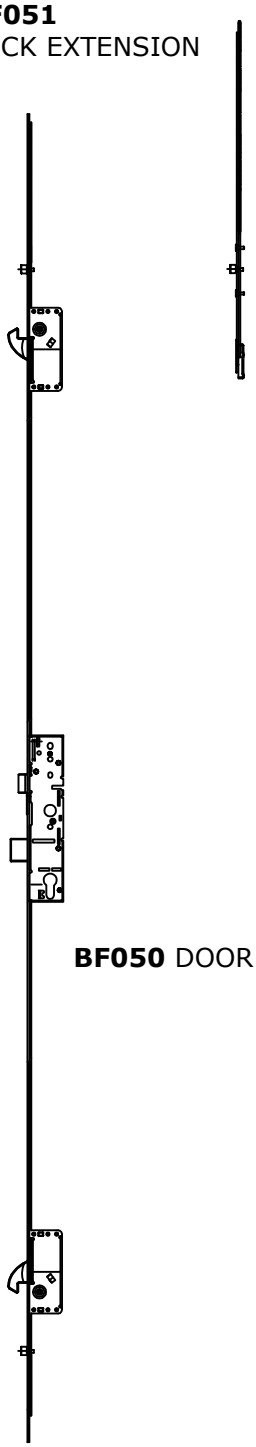
BF086 - HOOKBOLT AND ROLLER KEEP AT STILE (RH and LH pair)



BF064
KEEP FIXING PLATE (JAMB)

BF063
KEEP FIXING PLATE (STILE)

BF051
LOCK EXTENSION



BF050 DOOR LOCK

Based on doors viewed from outside.

OPEN OUT DOORS
Left hand hinged door centre keep.

OPEN IN DOORS
Right hand hinged door centre keep.

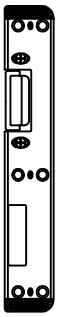
BF083A - LATCH AND DEADBOLT KEEP AT JAMB

BF084A - LATCH AND DEADBOLT KEEP AT STILE

BF089A - LOCK EXTENSION KEEP AT JAMB

BF090A - LOCK EXTENSION KEEP AT STILE

Based on doors viewed from outside.



OPEN OUT DOORS
Right hand hinged door centre keep.

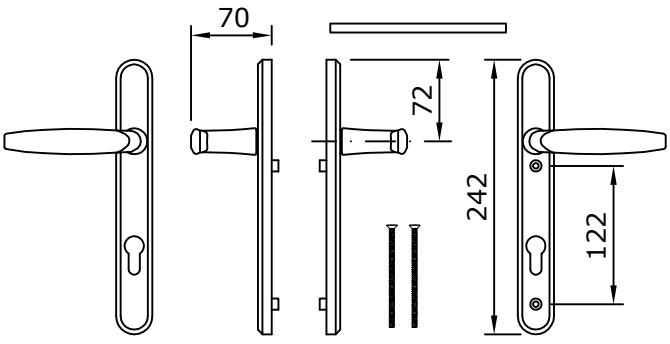
OPEN IN DOORS
Left hand hinged door centre keep.

BF083B - LATCH AND DEADBOLT KEEP AT JAMB

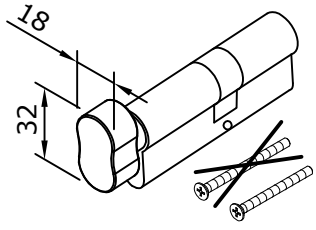
BF084B - LATCH AND DEADBOLT KEEP AT STILE

BF089B - LOCK EXTENSION KEEP AT JAMB

BF090B - LOCK EXTENSION KEEP AT STILE

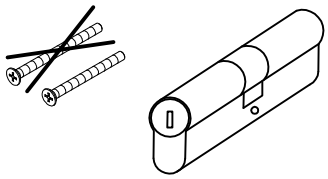


BF052 LEVER HANDLE SET (BLACK, BRIGHT CHROME, SILVER CHROME, AND WHITE FINISHES)
Other finishes may be available on request, subject to quantity.



BF080 THUMBTURN CYLINDER (Open out doors)

BF108 THUMBTURN CYLINDER (Open in doors)



BF081
EURO CYLINDER (50mm/55mm)

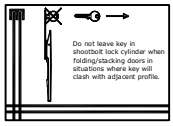
Not to Scale

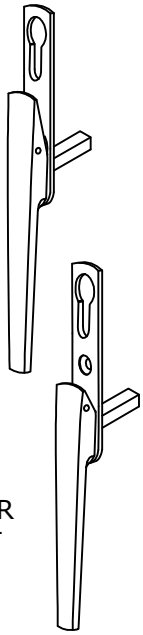
Component Identification

System 26 Hi/Hi+

BI-FOLDING DOOR

BF057
LOCKING SHOOT BOLT HANDLE
BF102
SHOOT BOLT LOCKING HANDLE SAFETY LABEL





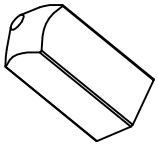
BF058
NON LOCK SHOOT BOLT HANDLE

BF067
REBATE ADAPTOR LOCKING SHOOT BOLT HANDLE

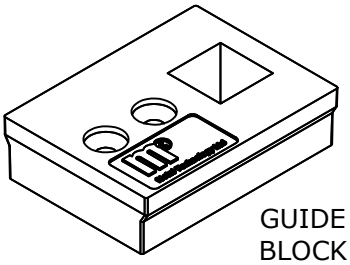
BF068
REBATE ADAPTOR NON LOCK SHOOT BOLT HANDLE

(BLACK, BRIGHT CHROME, SATIN AND WHITE FINISHES) Other finishes may be available on request, subject to quantity.

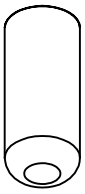
SHOOT BOLT



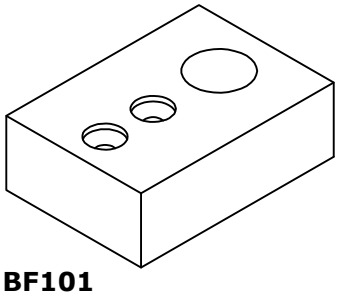
BF059
SHOOT BOLT SET



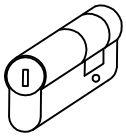
GUIDE BLOCK



BF100
ALUMINIUM SHOOT BOLT



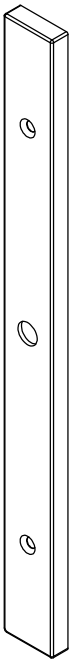
BF101
BLACK NYLON BLOCK

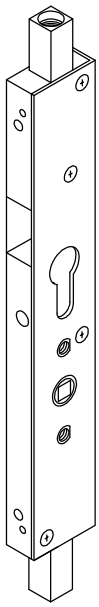


7123
HALF EURO CYLINDER (40/10mm)

This cylinder does not include fixing screw. Additional 1 x M5 x 30mm pan head screw 7243 also required.

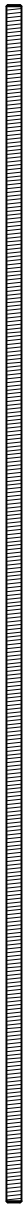
BF062
SHOOT BOLT LOCK COVER



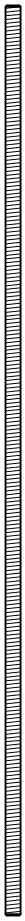


BF061
SHOOT BOLT LOCK

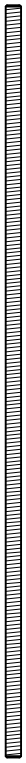
BF069/2000
THREADED ROD 2000mm



BF069/1500
THREADED ROD 1500mm



BF069/1200
THREADED ROD 1200mm

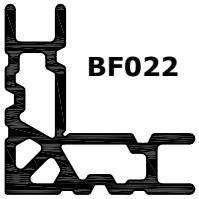


Not to Scale

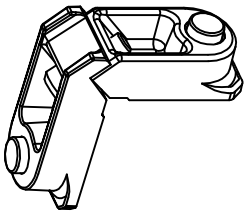
Component Identification

System 26 Hi/Hi+
BI-FOLDING DOOR

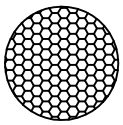
CORNER CLEATS



BF073 - Cut @ 11mm

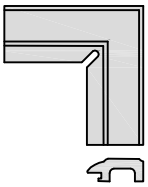


BF072
CORNER CLEAT



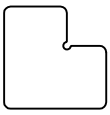
SL099
FOAM FILLER

CORNER BRACES

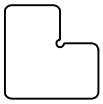


7019
MOULDED
CORNER BRACE

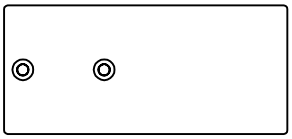
535 - Cut @ 6.4mm



CA23
LARGE CORNER
BRACE

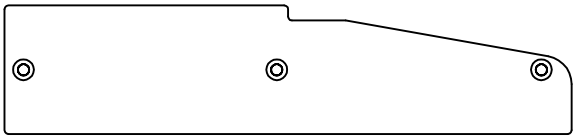


PTS55
CORNER BRACE

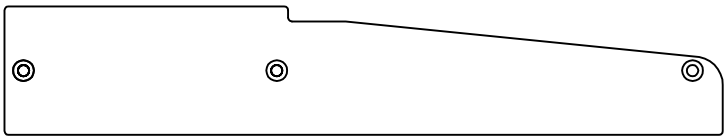


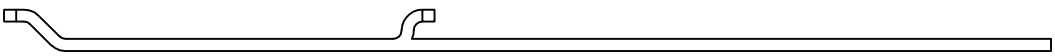
6720
End cap for
650-040 head liner
(Black, Unit=Each)

BF105
End cap for
BF024026 sub-cill
(Black, Unit=Pair)

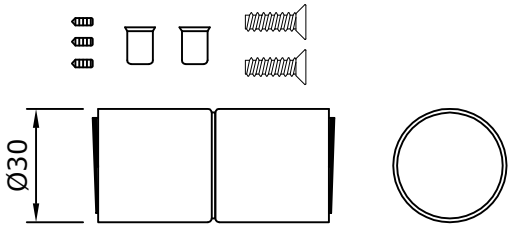


BF106
End cap for
BF025026 sub-cill
(Black, Unit=Pair)

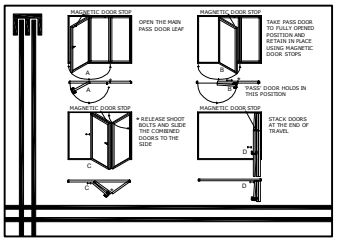




6739 225mm LONG
6740 173.5mm LONG
FIXING LUGS (Galvanised steel)



BF054
MAGNETIC DOOR STOP
(BLACK AND BRUSHED SATIN FINISHES)

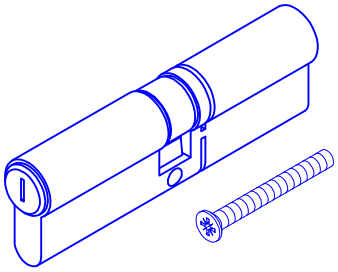


BF066
MAGNETIC DOOR STOP SAFETY LABEL

Not to Scale

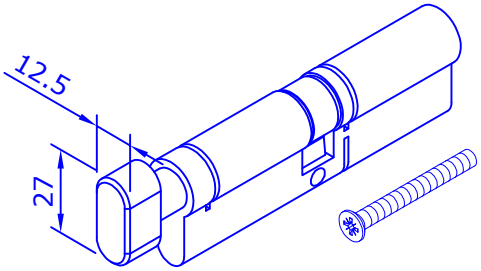
Component Identification

System 26 Hi/Hi+
BI-FOLDING DOOR



BF119
SECURITY EURO CYLINDER FOR OPEN OUT DOORS (45/55)

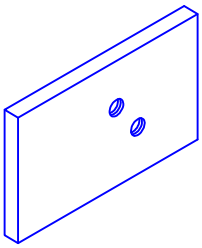
BF110
SECURITY EURO CYLINDER FOR OPEN IN DOORS (50/50)



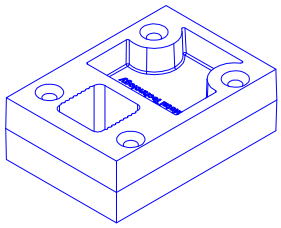
BF111
SECURITY THUMBTURN/KEY CYLINDER FOR OPEN OUT DOORS (45/55)

BF112
SECURITY THUMBTURN/KEY CYLINDER FOR OPEN IN DOORS (50/50)

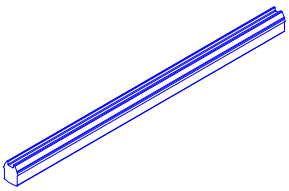
(Thumbturn knob on security cylinder does not match thumbturn knob on standard cylinder)



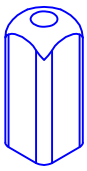
BF115
SECURITY SUPPORT PLATE



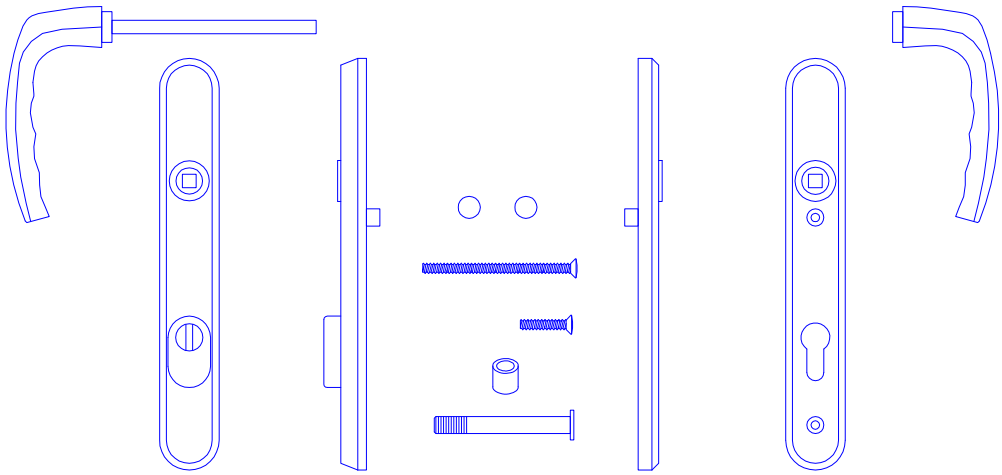
BF116
SECURITY SHOOT BOLT GUIDE



BF120
REINFORCING INFILL



BF117
SECURITY ALUMINIUM SHOOT BOLT



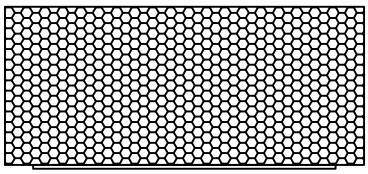
BF118 SECURITY LEVER HANDLE SET
(BLACK, BRIGHT CHROME, SILVER CHROME, AND WHITE FINISHES)

Not to Scale

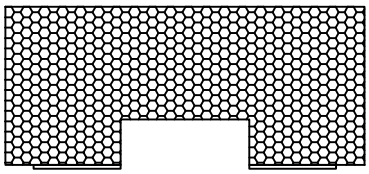
Component Identification

System 26 Hi+
BI-FOLDING DOOR

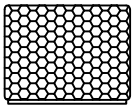
COMPONENTS REQUIRED FOR 26 Hi+ VARIATION ONLY



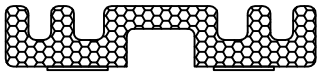
BF034
SASH PERIMETER FOAM



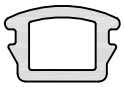
BF107
FOAM SHOOT BOLT LOCK COVER



BF053
FRAME PERIMETER FOAM



6727
GLAZING UNIT PERIMETER FOAM



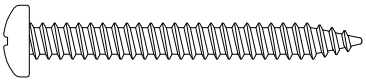
6076
THERMAL GASKET

Not to Scale

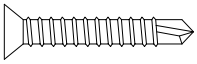
Component Identification

System 26 Hi/Hi+

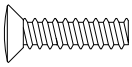
BI-FOLDING DOOR



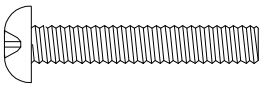
7218
No 10 x 45mm pan head
self tap screw



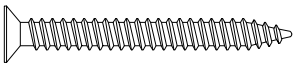
7223
No 7 x 25mm countersunk
self drill screw



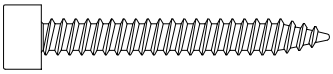
7233
M4 x 16mm countersunk
machine screw



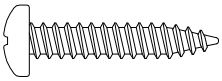
7243
M5 x 30mm pan head
machine screw



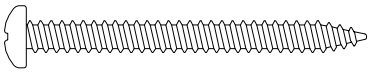
7259
No 8 x 38mm countersunk
self tap screw



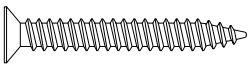
7263
No 10 x 38mm cap head
self tap screw



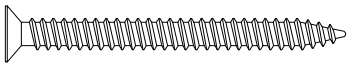
7264
No 10 x 25mm pan head
self tap screw



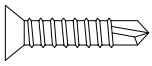
7266
No 8 x 45mm pan head self
tap screw



7275
No 8 x 32mm countersunk
self tap screw

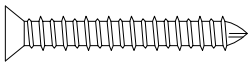


7276
No 8 x 45mm countersunk
self tap screw

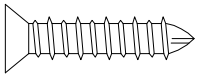


7282
No 7 x 19mm countersunk
self drill screw

BF088
M4 x 20mm countersunk
machine screw

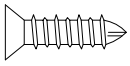


BF093
No 7 x 32mm countersunk
hi-lo self drill screw

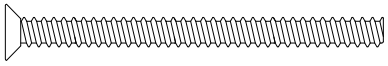


BF094
No 10 x 25mm countersunk
hi-lo self drill screw

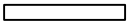
BF095
M5 x 10mm countersunk
machine screw



BF096
No 7 x 16mm countersunk
hi-lo self drill screw



BF121
M4 x 50mm countersunk
machine screw

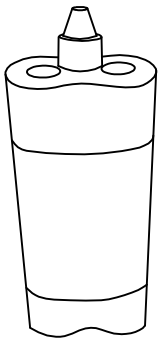


HR5093
Roll pin

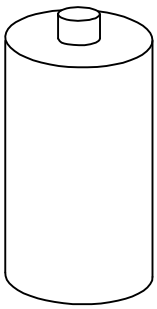
Not to Scale

Component Identification

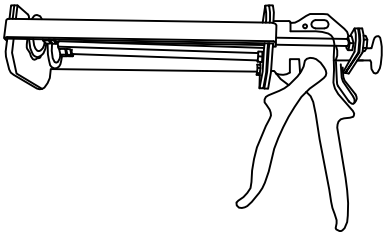
System 26 Hi/Hi+
BI-FOLDING DOOR



MT1803
2-PART ADHESIVE (grey, white)



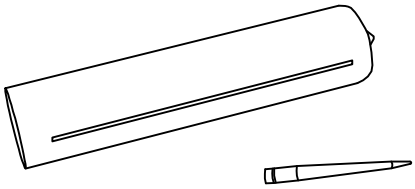
MT60
SURFACE CLEANER



MT900M
MANUAL APPLICATOR GUN
FOR 2-PART ADHESIVE

MT1804
STATIC MIXING TUBE

7400
SILICONE SPRAY

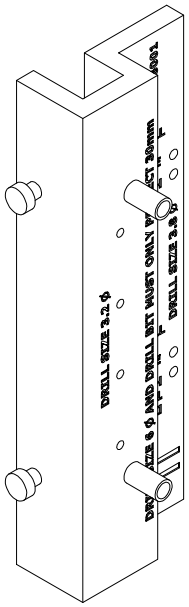


HR50328A
BLACK GASKET ADHESIVE/SEALANT

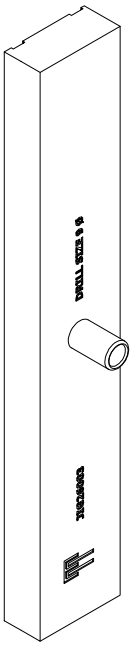
Not to Scale

Component Identification

System 26 Hi/Hi+
BI-FOLDING DOOR

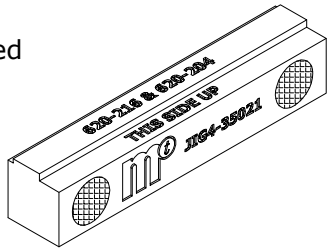


JIG26001
HALF ROLLER AND
HALF TOP GUIDE JIG

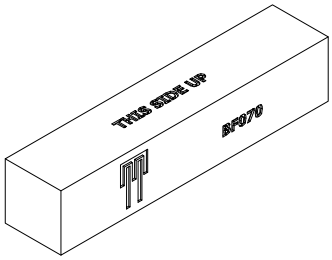


JIG26003
GLASS JACK JIG

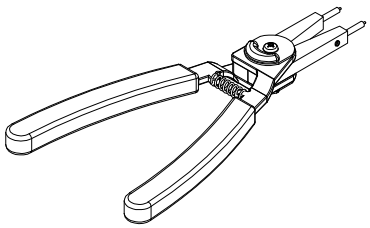
Three of each
will be required



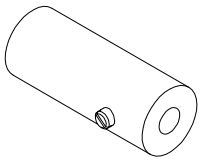
JIG4-35021
SAW BLOCK FOR SECTIONS BF001008,
BF009002 (rebated side up)



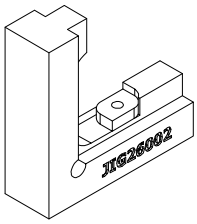
BF070
SAW BLOCK FOR ALL SECTIONS
(rebated side down)



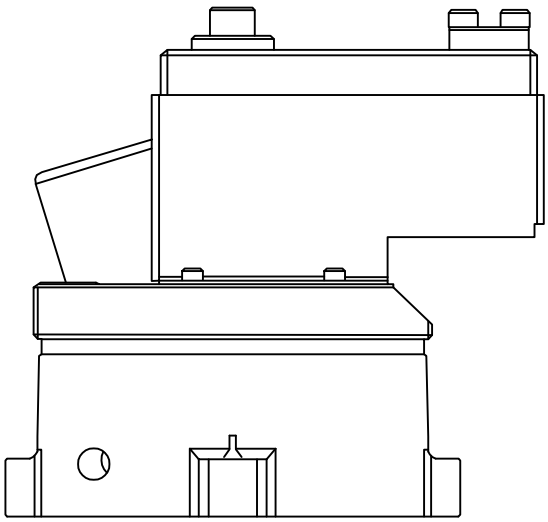
BF098 CIRCLIP PLIERS



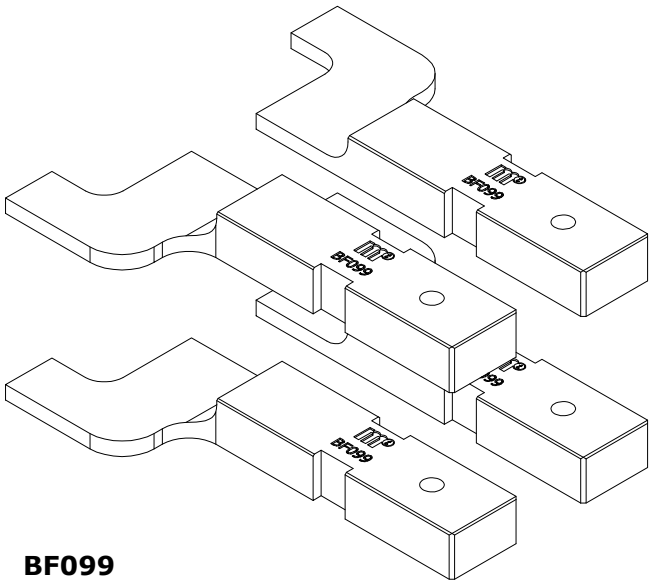
BF104
COLLAR FOR
6mm DRILL BIT



JIG26002
ROLLER, TOP GUIDE AND
HINGE LOCATION JIG



1A373600
PUNCH TOOL FOR MECHANICAL
CLEAT IN OUTER FRAME



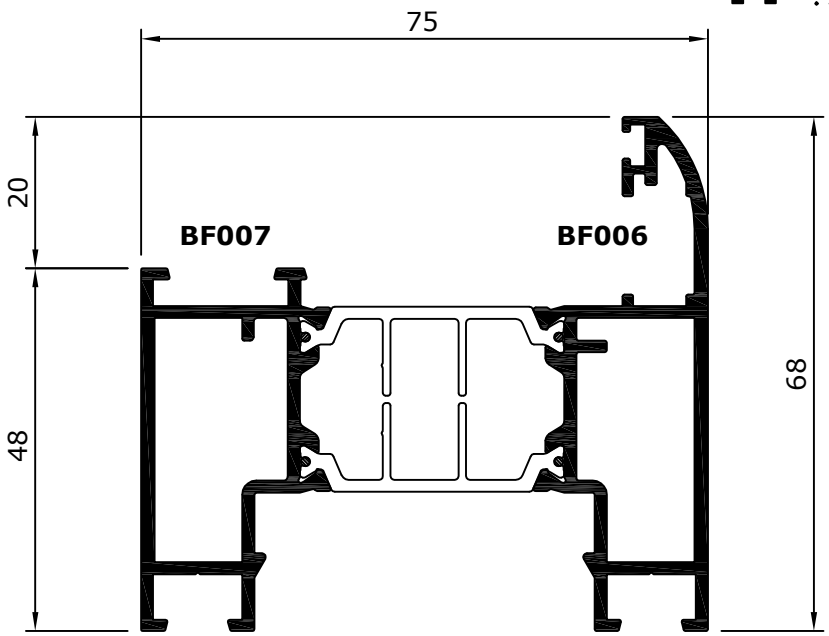
BF099
5mm CRIMP KNIVES
(set of 4)

Not to Scale

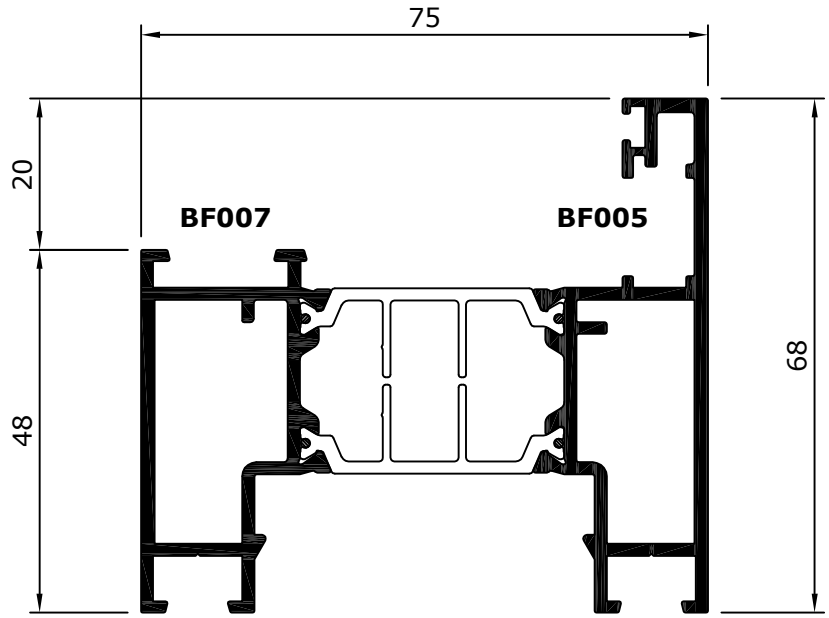
Section Drawings

System 26 Hi/Hi+

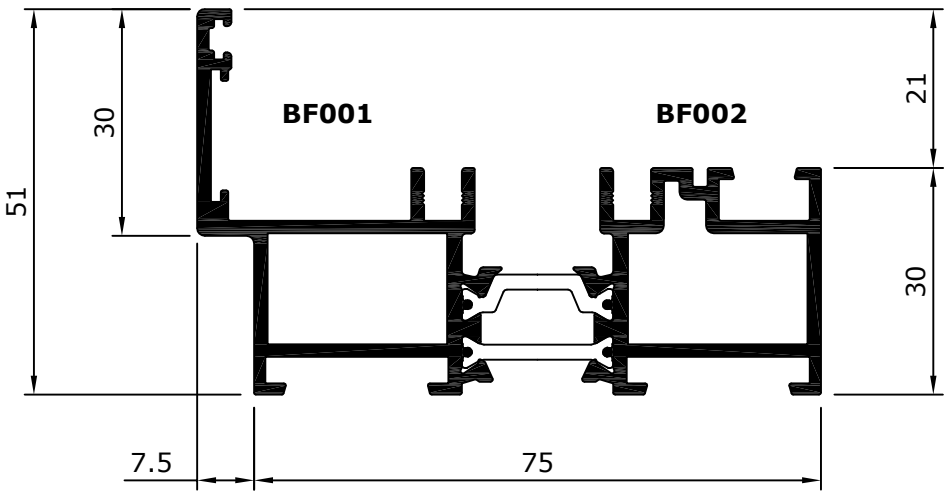
BI-FOLDING DOOR



BF006007
CURVED DOOR SASH



BF005007
SQUARE DOOR SASH



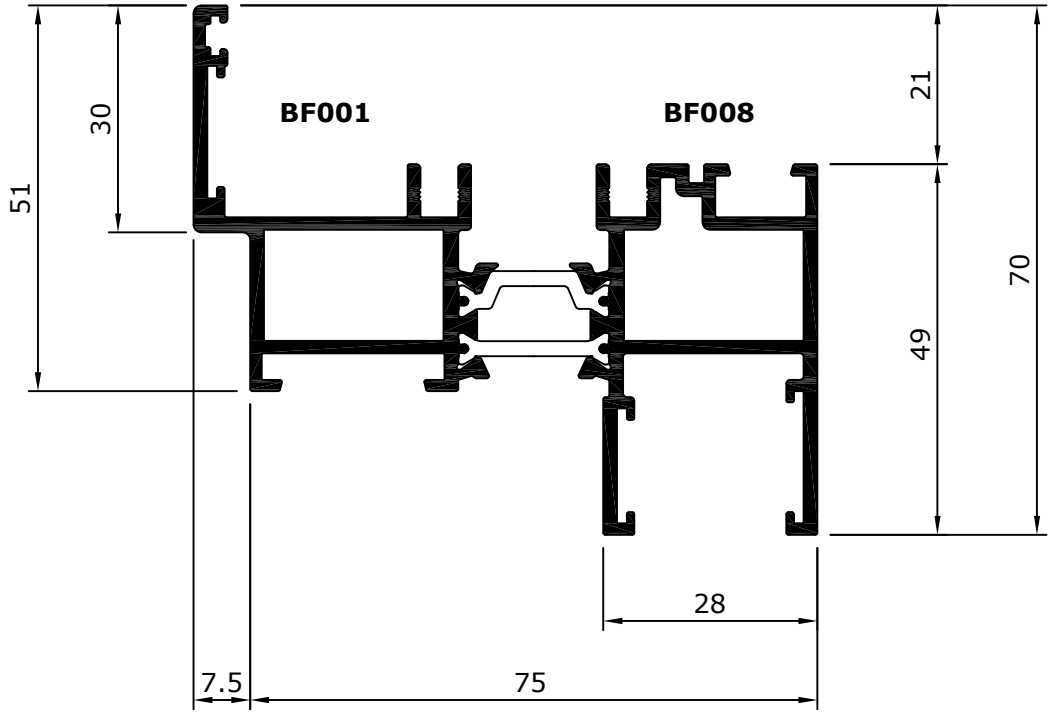
BF001002
OUTER FRAME

Scale 1:1

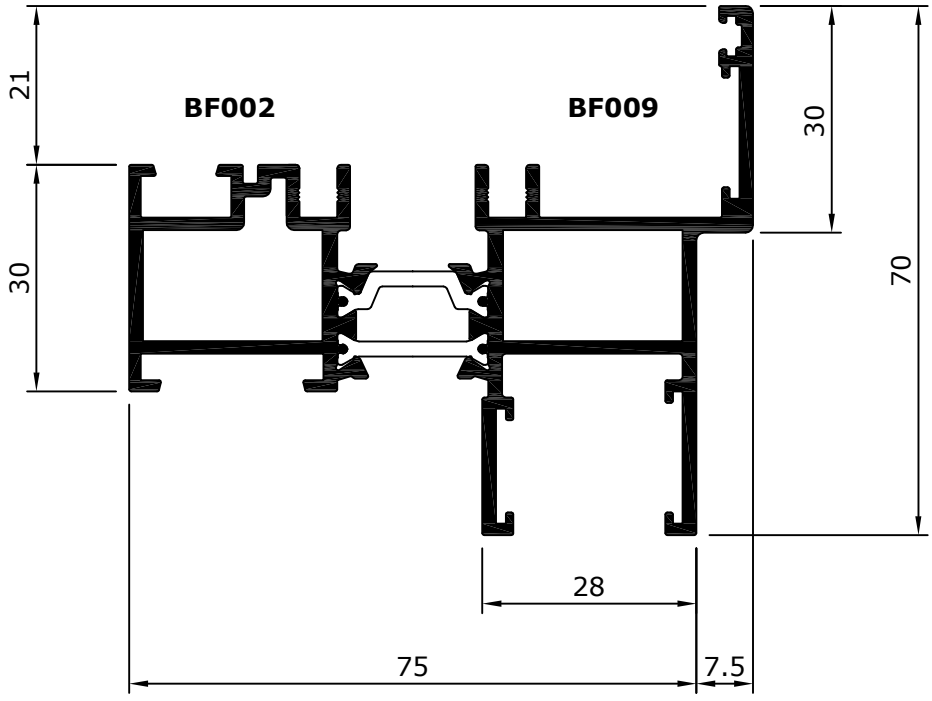
Section Drawings

System 26 Hi/Hi+

BI-FOLDING DOOR



BF001008
CURTAIN WALL
OUTER FRAME
(OPEN-OUT)



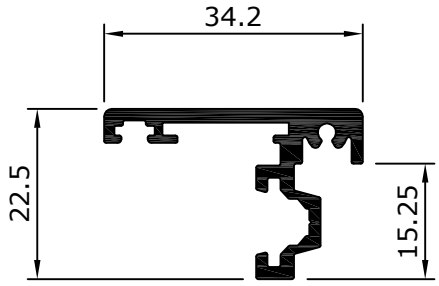
BF009002
CURTAIN WALL
OUTER FRAME
(OPEN-IN)

Scale 1:1

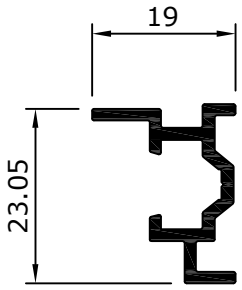
Section Drawings

System 26 Hi/Hi+

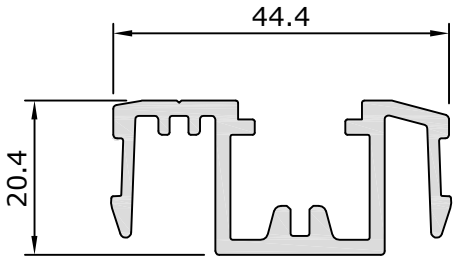
BI-FOLDING DOOR



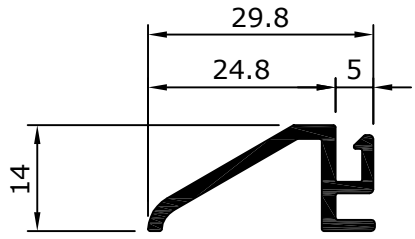
BF014
REBATE ADAPTOR



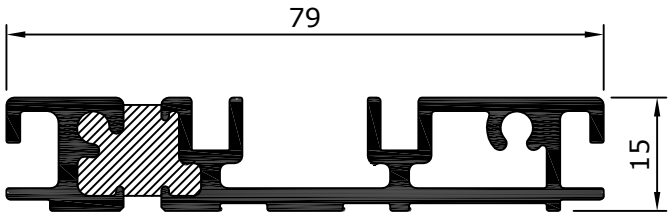
BF015
REBATED JAMB ADAPTOR



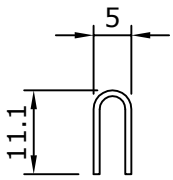
BF030
PVC LINER



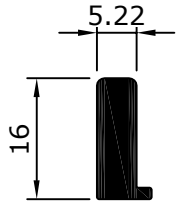
BF016
SLIDE ON THRESHOLD RAMP



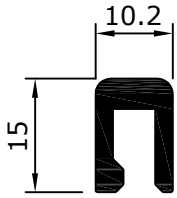
BF017
LOW THRESHOLD



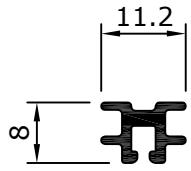
BF018
STAINLESS STEEL TRACK



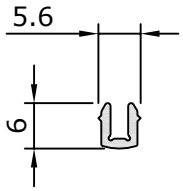
BF020
L SECURITY REINFORCEMENT



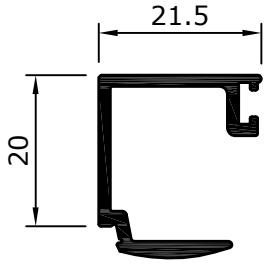
BF021
U SECURITY REINFORCEMENT



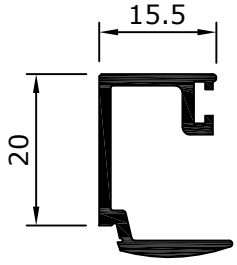
BF013
BRUSH SEAL CARRIER



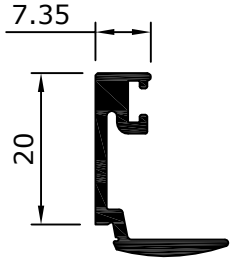
BF029
PVC INFILL



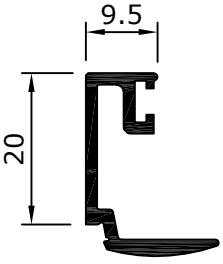
PTT13
GLAZING BEAD



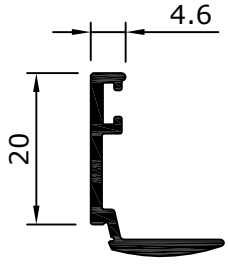
PTT14
GLAZING BEAD



328
GLAZING BEAD



TT16
GLAZING BEAD



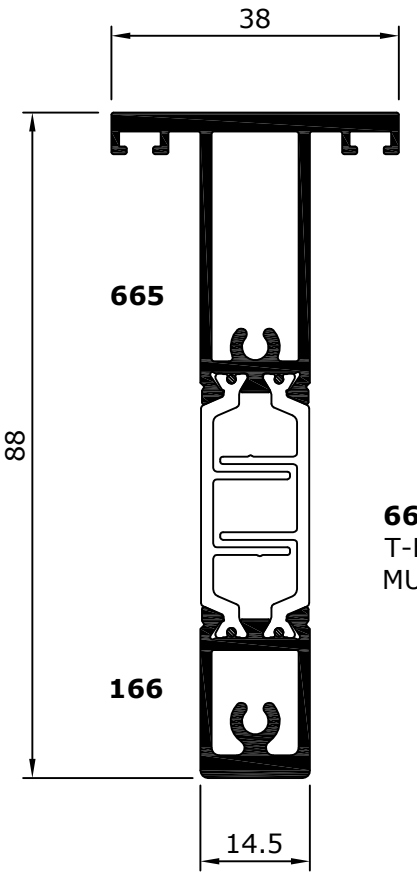
TT17A
GLAZING BEAD

Scale 1:1

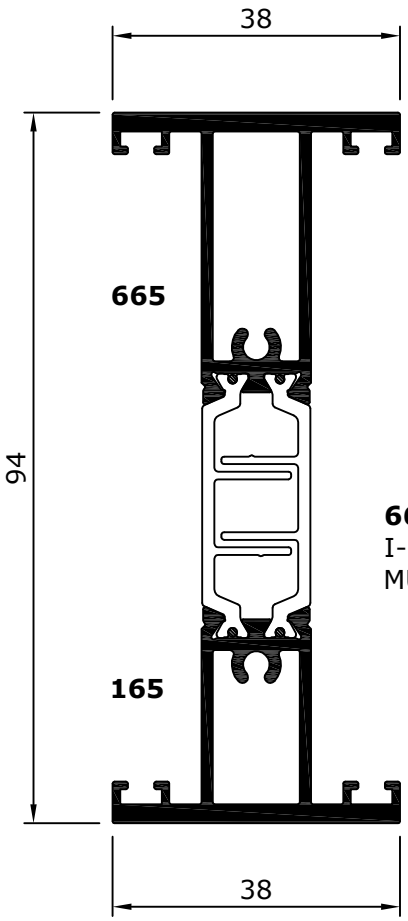
Section Drawings

System 26 Hi/Hi+

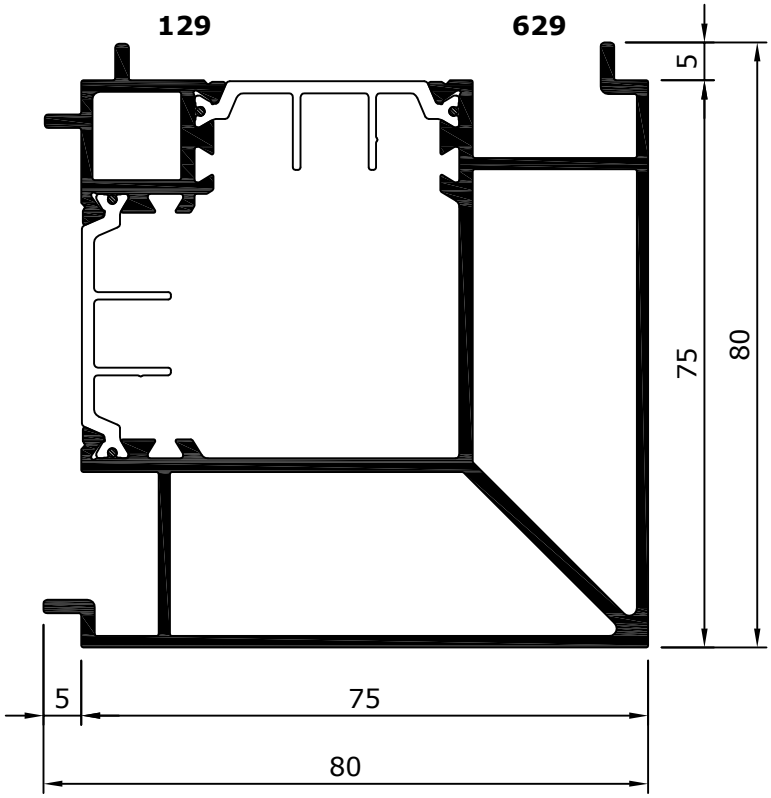
BI-FOLDING DOOR



665-166
T-BAR COUPLING
MULLION



665-165
I-BAR COUPLING
MULLION



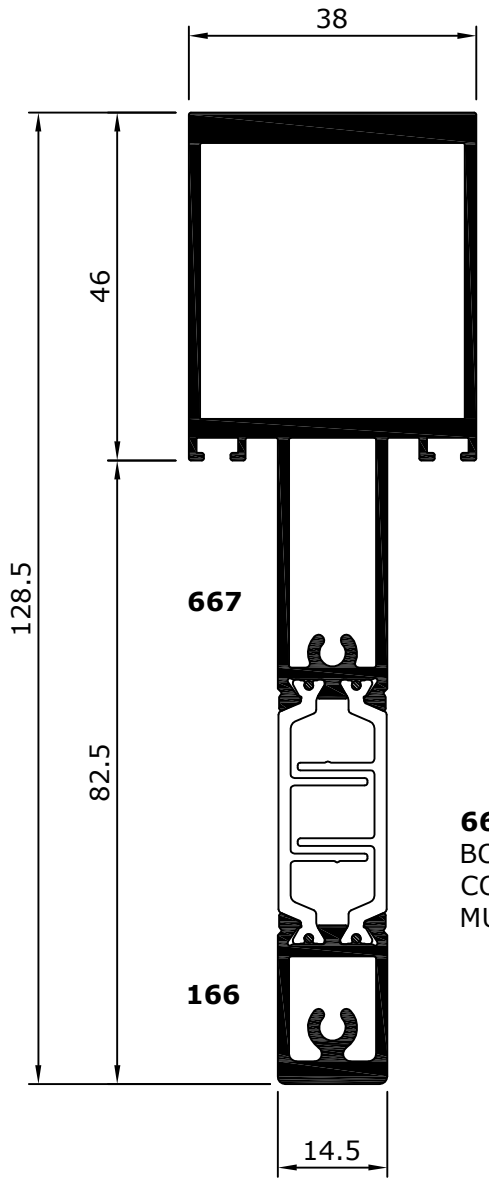
629-129
SQUARE CORNER POST

Scale 1:1

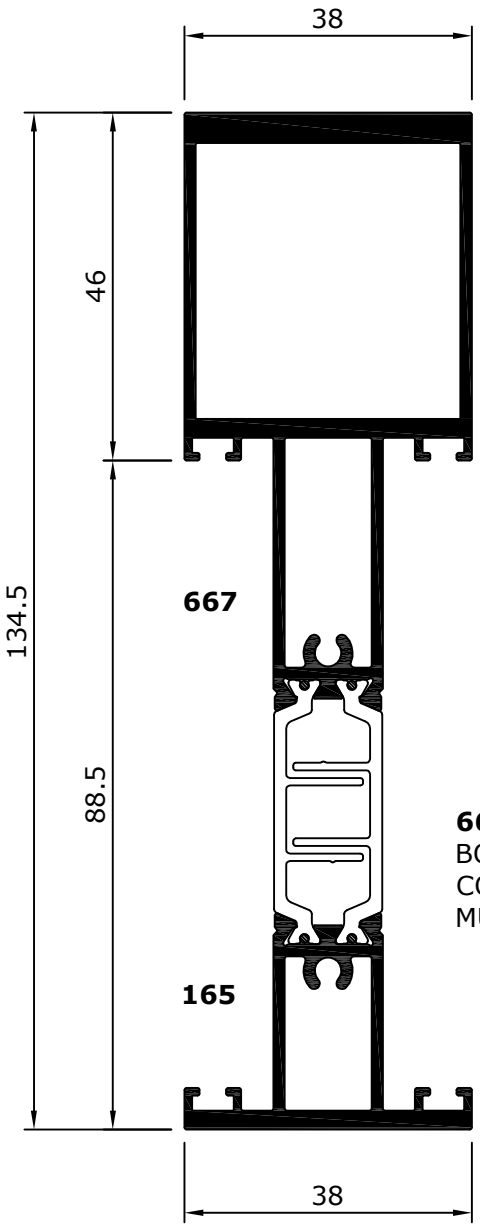
Section Drawings

System 26 Hi/Hi+

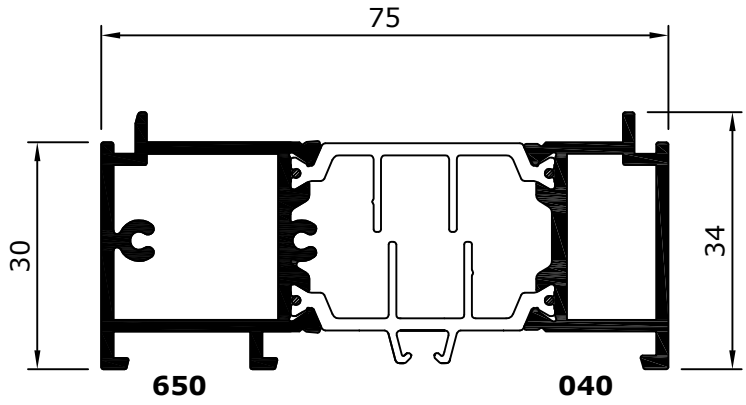
BI-FOLDING DOOR



667-166
BOX T-BAR
COUPLING
MULLION



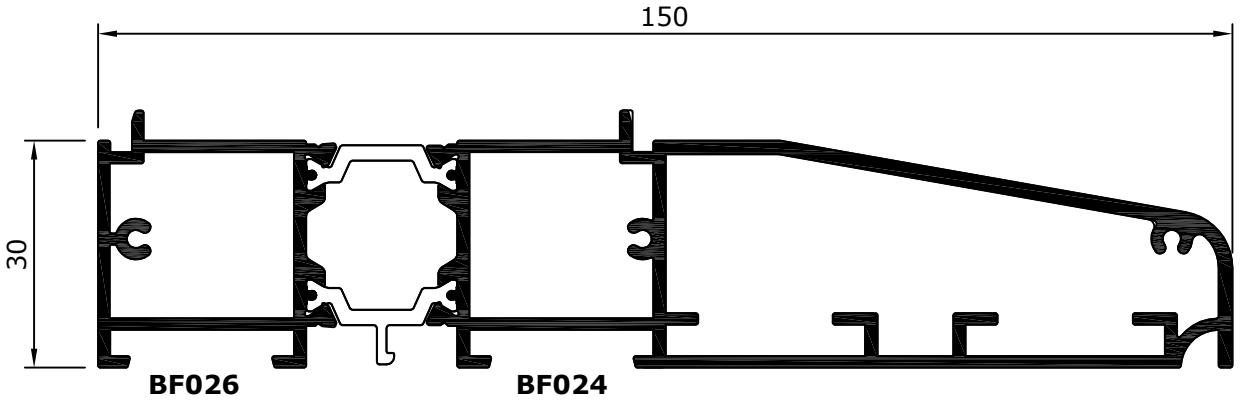
667-165
BOX I-BAR
COUPLING
MULLION



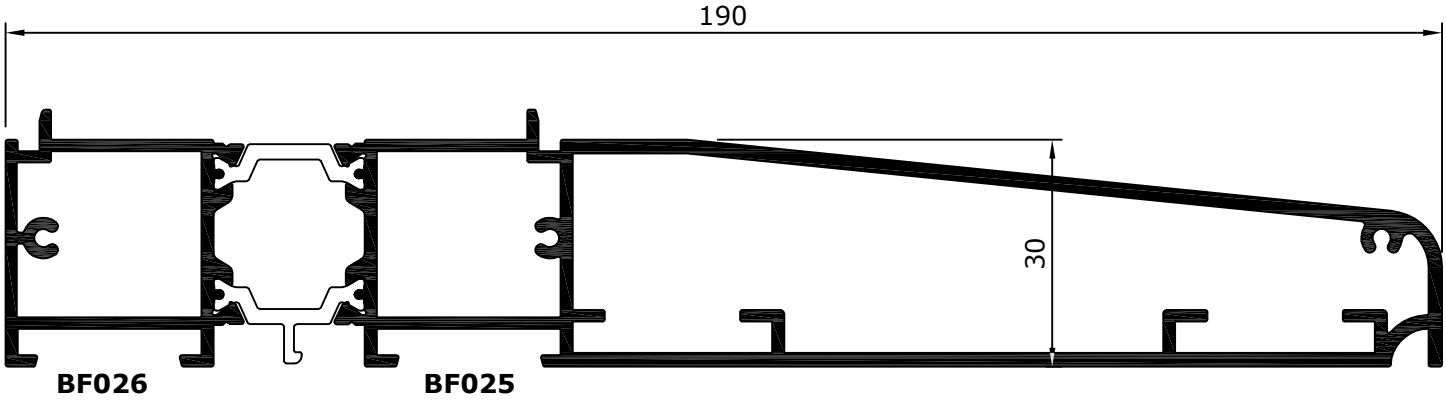
650-040
FLUSH HEAD LINER
(Not suitable for use
with coupling mullions)

Scale 1:1

Section Drawings



BF024026
150mm SUB-CILL
(Not suitable for use with coupling mullions)



BF025026
190mm SUB-CILL
(Not suitable for use with coupling mullions)

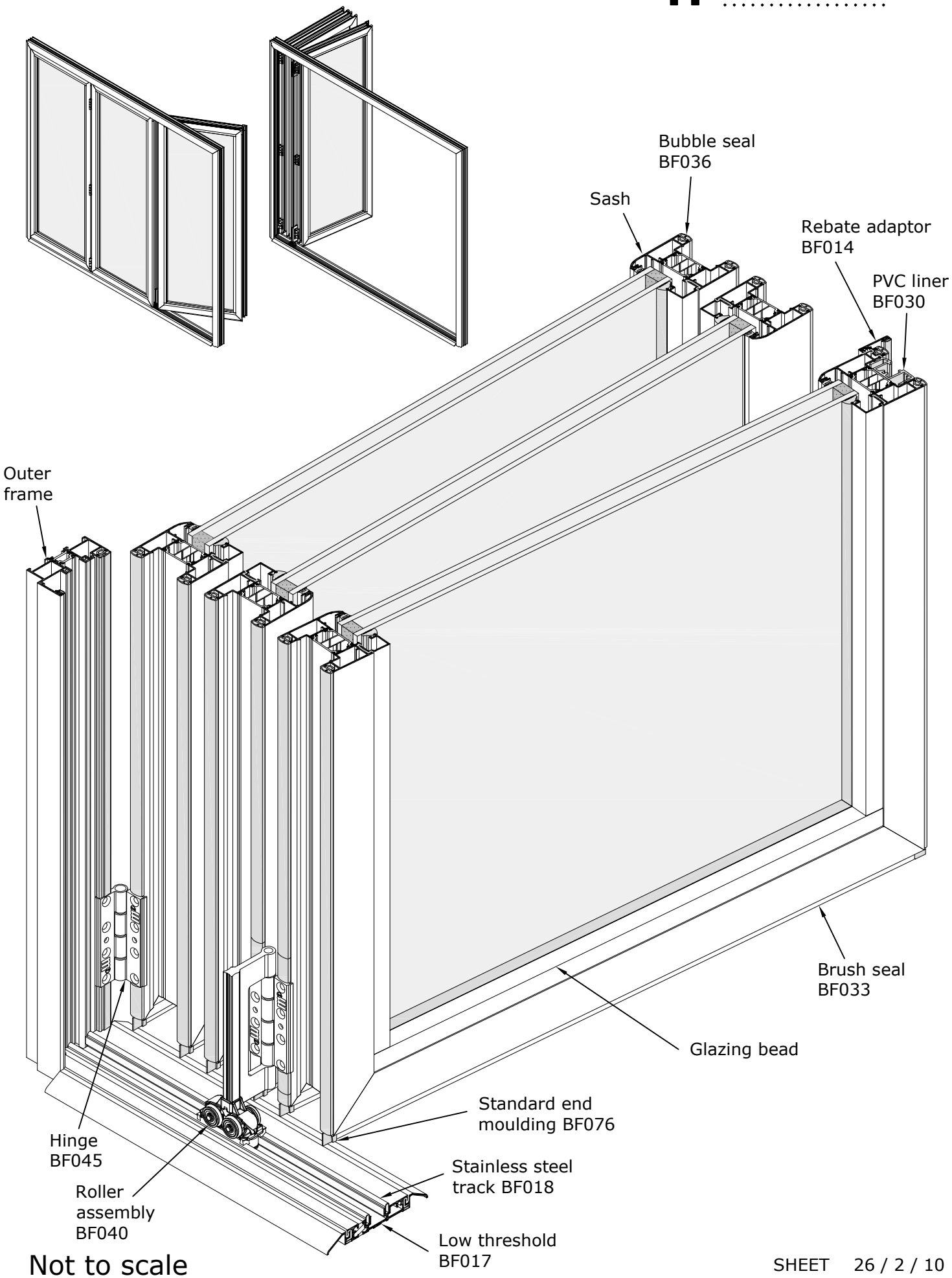
Scale 1:1

General Arrangement

26Hi 3-Dimensional Assembly Detail

System 26 Hi

BI-FOLDING DOOR



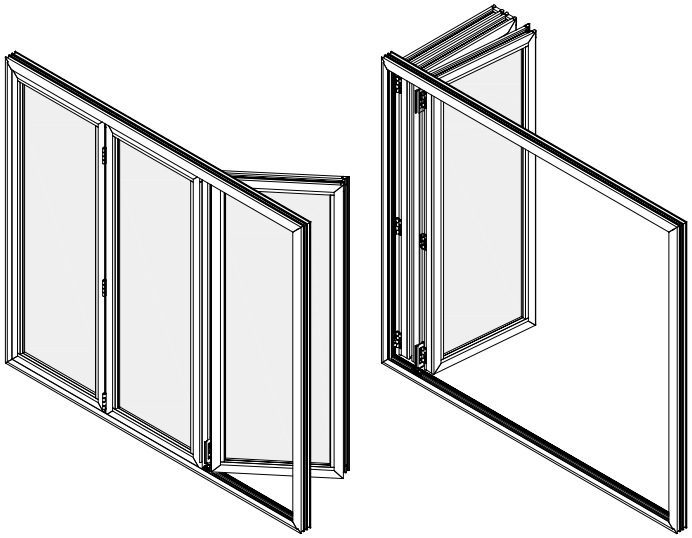
Not to scale

General Arrangement

26Hi+ 3-Dimensional Assembly Detail

System 26 Hi+

BI-FOLDING DOOR



Not to scale

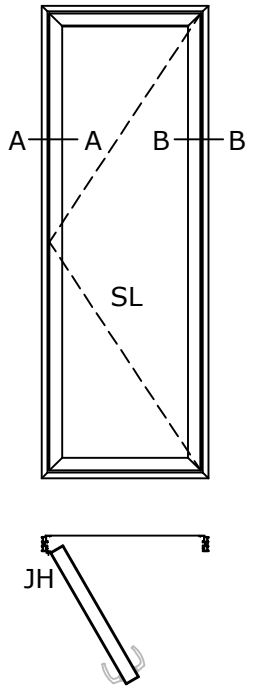
Typical Elevations

One, Two and Three Leaf Doors

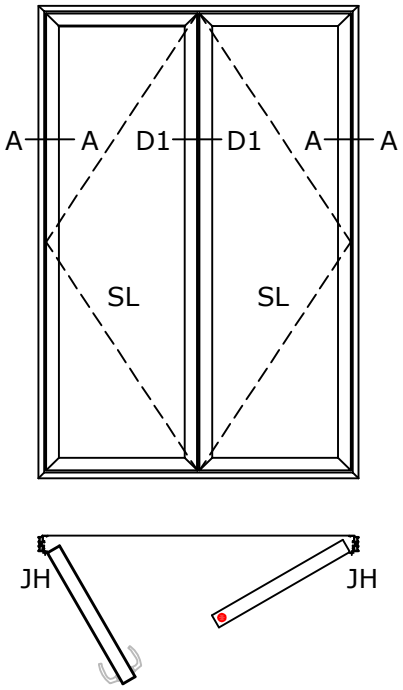
System 26 Hi/Hi+
BI-FOLDING DOOR

The following configurations can be manufactured as open in or open out doors. Style numbers may also be manufactured to open in the opposite direction. ie - Type 3A can be either style 3-1-2 (as illustrated), or 3-2-1.

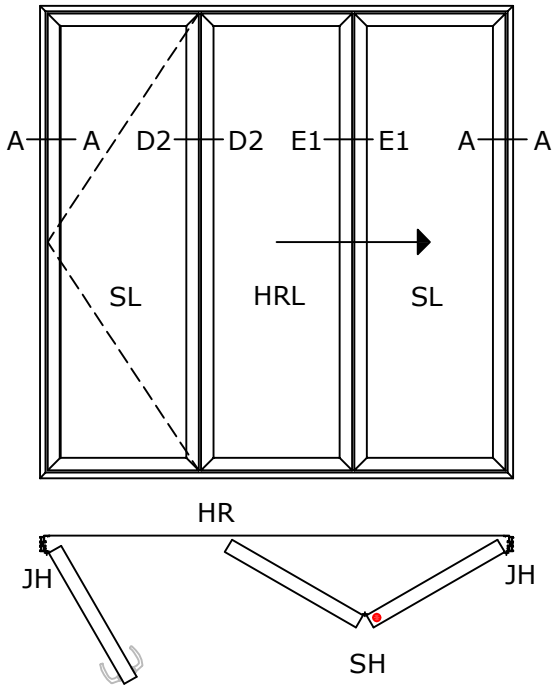
TYPE 1A (1-1-0)



TYPE 2A (2-1-1)

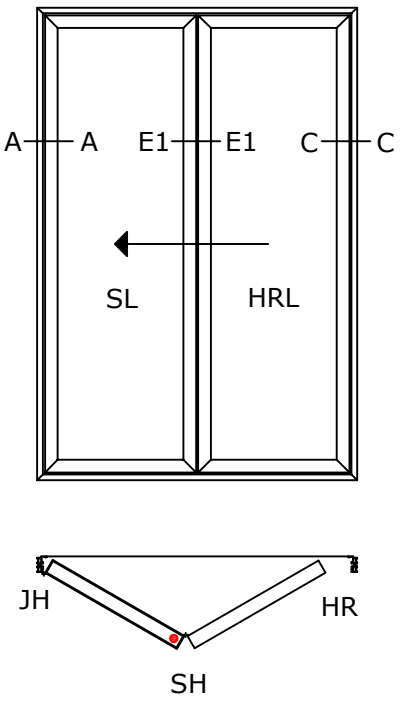


TYPE 3A (3-1-2)

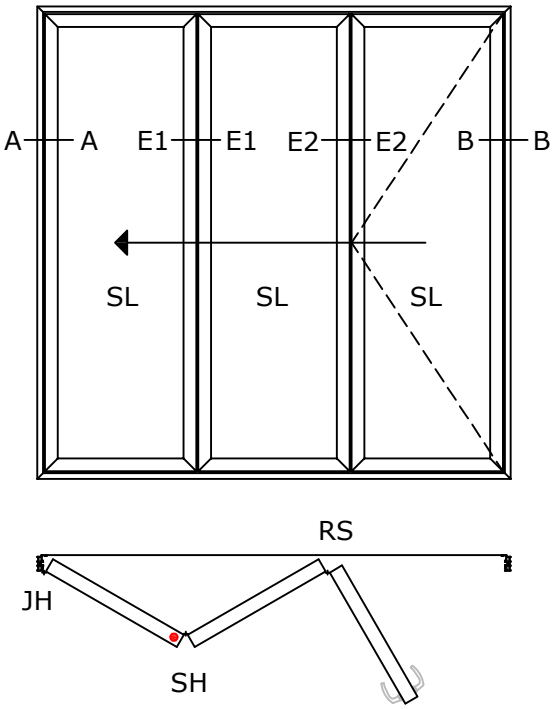


TYPE 2B (2-2-0)

For external applications, where a pass door is required or where the facility to lock/unlock from both sides is a requirement please contact Metal Technology's Technical Department.



TYPE 3C (3-3-0)



JH = JAMB HINGE
SH = SASH HINGE
HR = HALF ROLLER SET
RS = ROLLER SET
SL = STANDARD LEAF
HRL = HALF ROLLER LEAF
• = SHOOT BOLT

Not to scale

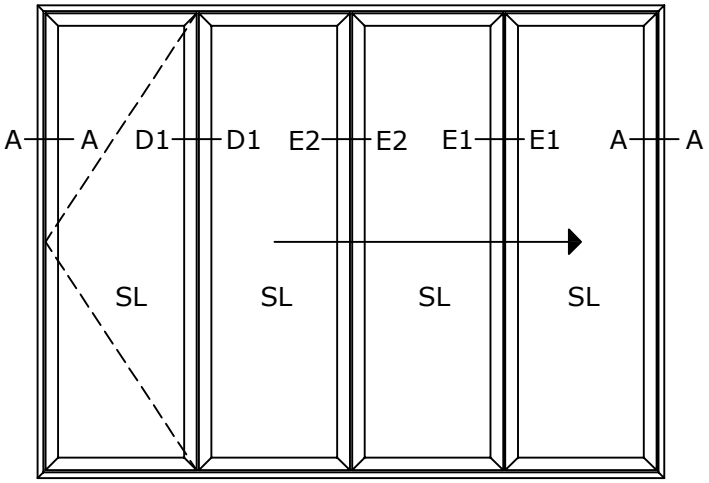
Typical Elevations

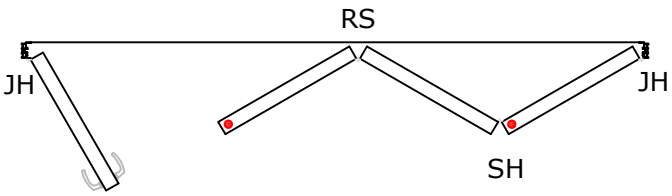
Four Leaf Doors

System 26 Hi/Hi+

BI-FOLDING DOOR

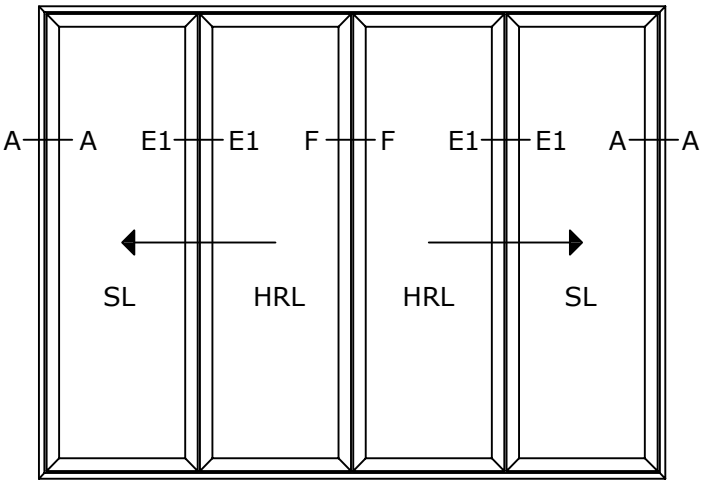
TYPE 4A (4-1-3)

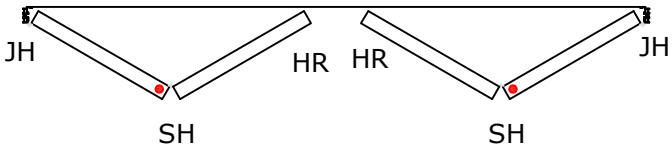




TYPE 4D (4-2-2)

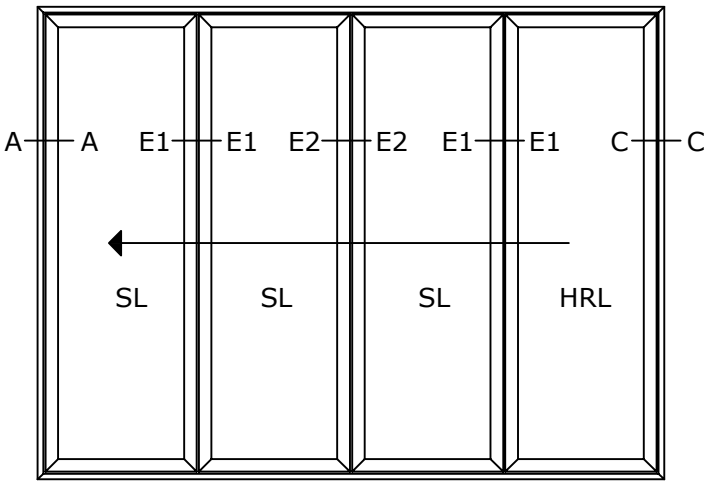
For external applications, where a pass door is required or where the facility to lock/unlock from both sides is a requirement please contact Metal Technology's Technical Department.

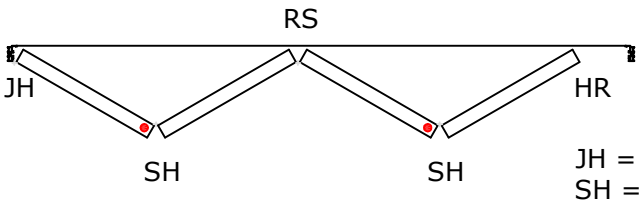




TYPE 4B (4-4-0)

For external applications, where a pass door is required or where the facility to lock/unlock from both sides is a requirement please contact Metal Technology's Technical Department.





JH = JAMB HINGE
SH = SASH HINGE
HR = HALF ROLLER SET
RS = ROLLER SET
SL = STANDARD LEAF
HRL = HALF ROLLER LEAF
• = SHOOT BOLT

Not to scale

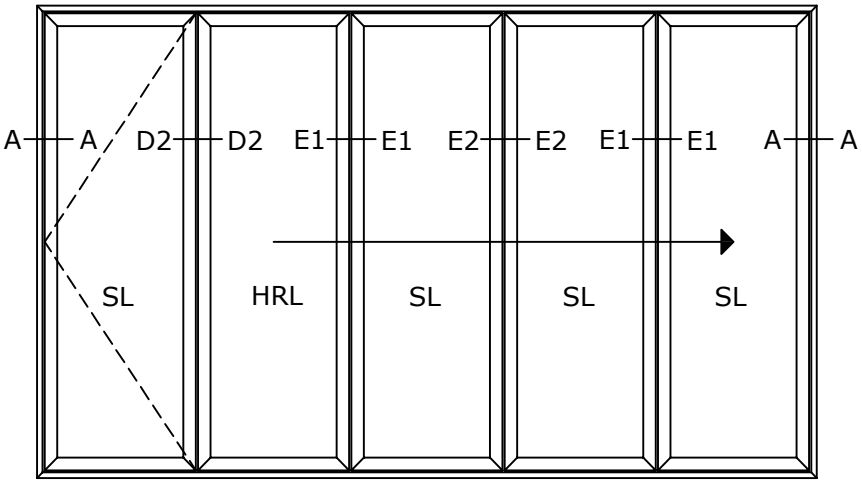
Typical Elevations

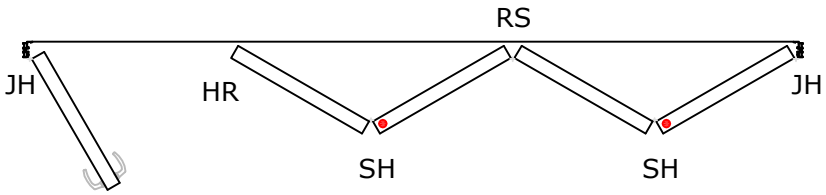
Five Leaf Doors

System 26 Hi/Hi+

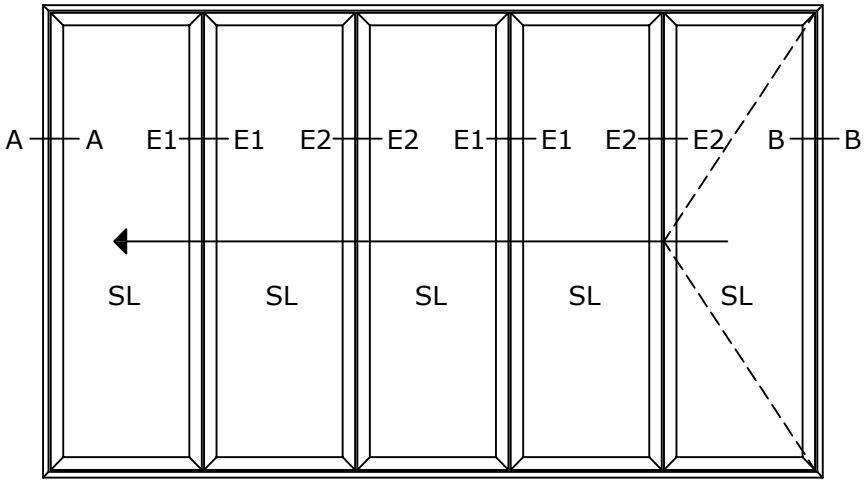
BI-FOLDING DOOR

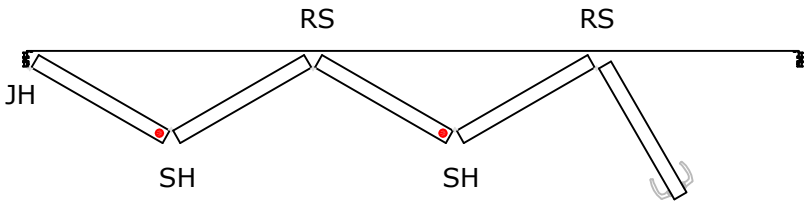
TYPE 5A (5-1-4)





TYPE 5C (5-5-0)





JH = JAMB HINGE
SH = SASH HINGE
HR = HALF ROLLER SET
RS = ROLLER SET
SL = STANDARD LEAF
HRL = HALF ROLLER LEAF
• = SHOOT BOLT

Not to scale

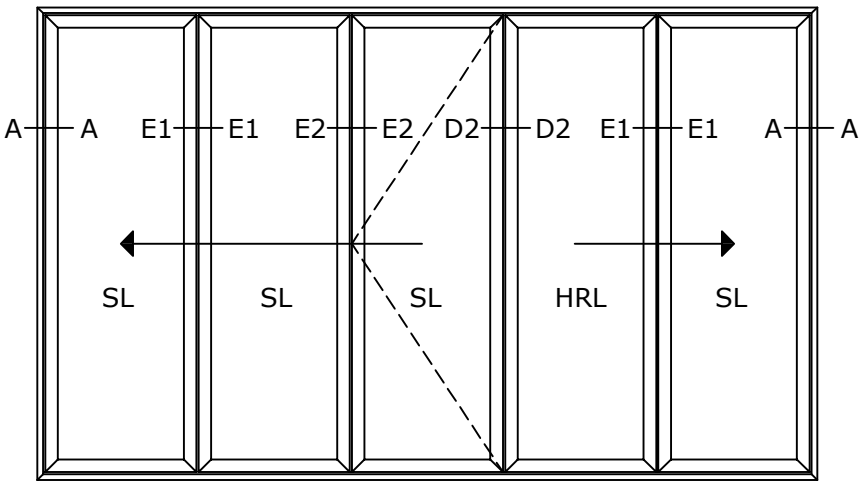
Typical Elevations

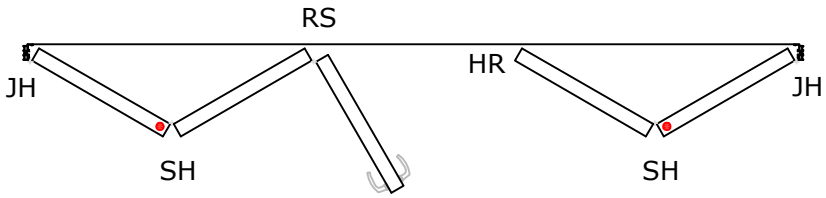
Five and Six Leaf Doors

System 26 Hi/Hi+

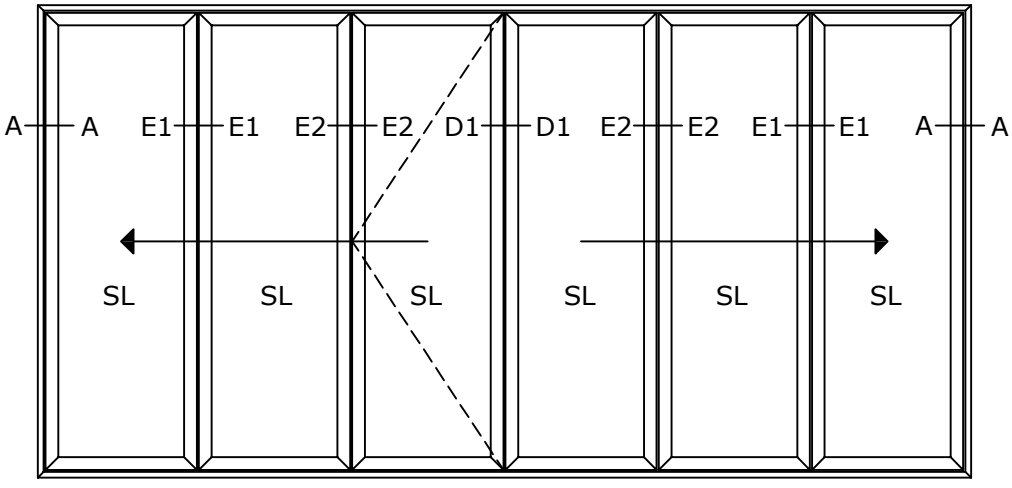
BI-FOLDING DOOR

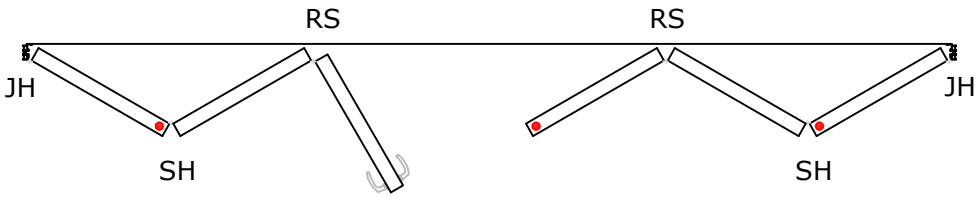
TYPE 5E (5-3-2)





TYPE 6E (6-3-3)





JH = JAMB HINGE
SH = SASH HINGE
HR = HALF ROLLER SET
RS = ROLLER SET
SL = STANDARD LEAF
HRL = HALF ROLLER LEAF
• = SHOOT BOLT

Not to scale

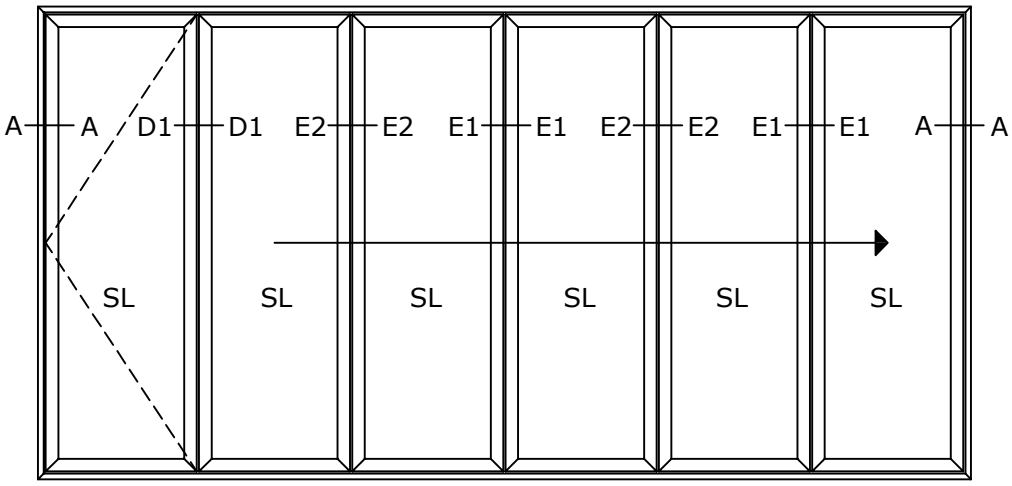
Typical Elevations

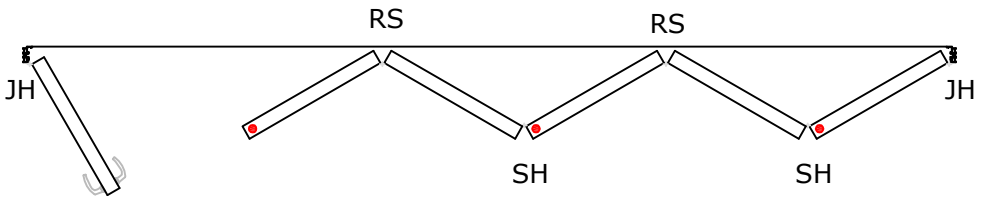
Six Leaf Doors

System 26 Hi/Hi+

BI-FOLDING DOOR

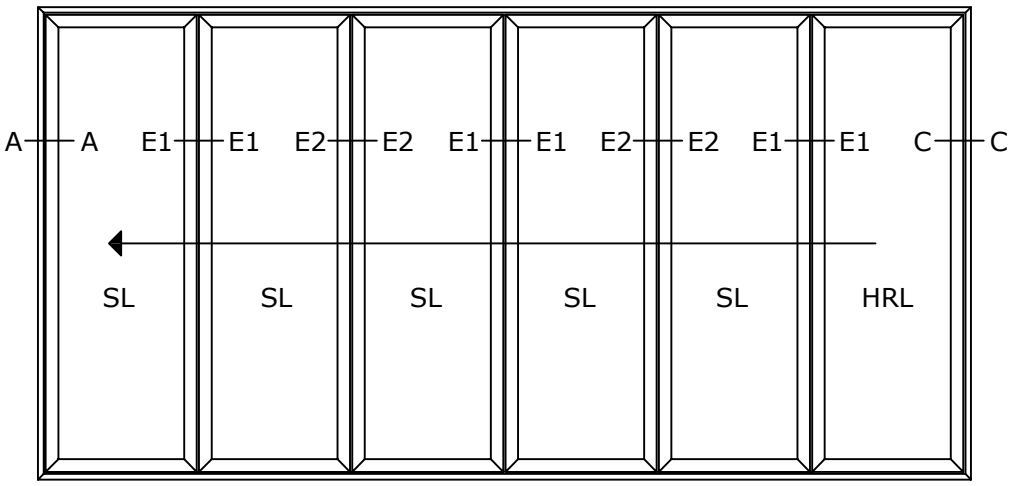
TYPE 6A (6-1-5)

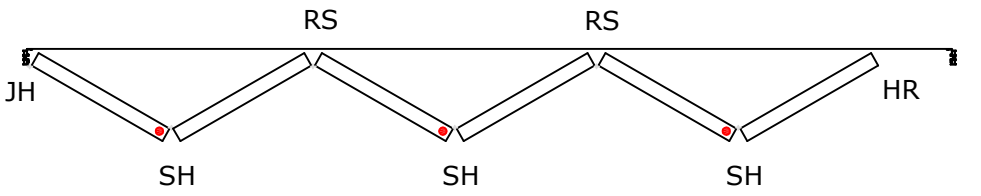




TYPE 6B (6-6-0)

For external applications, where a pass door is required or where the facility to lock/unlock from both sides is a requirement please contact Metal Technology's Technical Department.





JH = JAMB HINGE
SH = SASH HINGE
HR = HALF ROLLER SET
RS = ROLLER SET
SL = STANDARD LEAF
HRL = HALF ROLLER LEAF
• = SHOOT BOLT

Not to scale

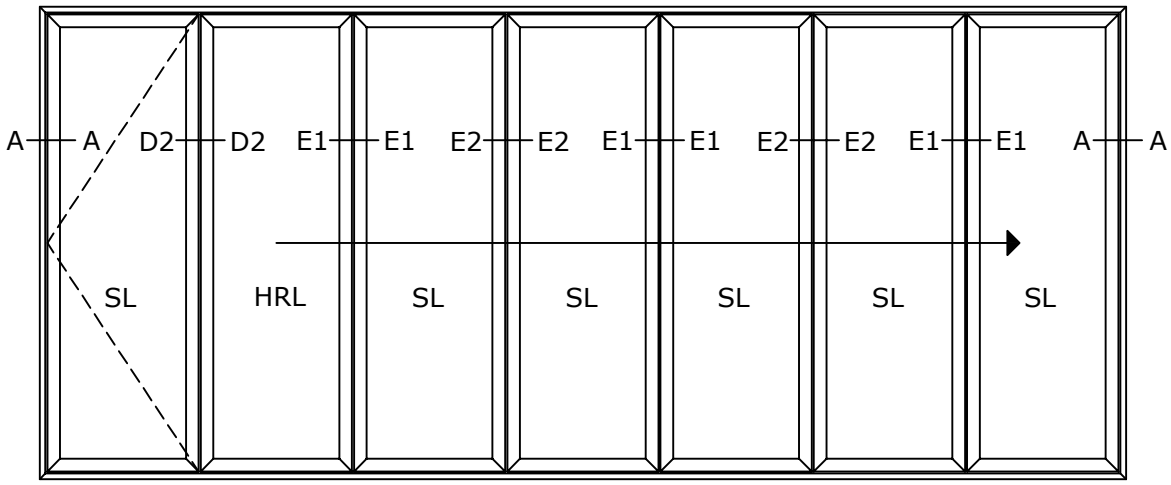
Typical Elevations

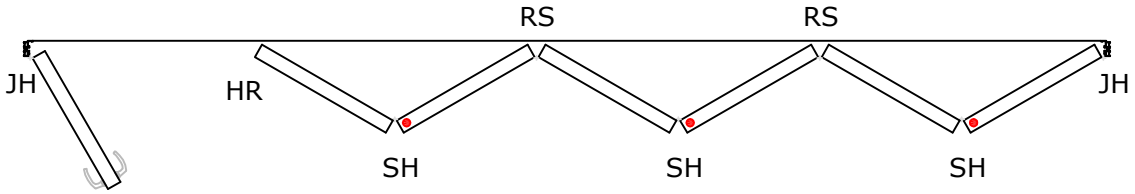
Seven Leaf Doors

System 26 Hi/Hi+

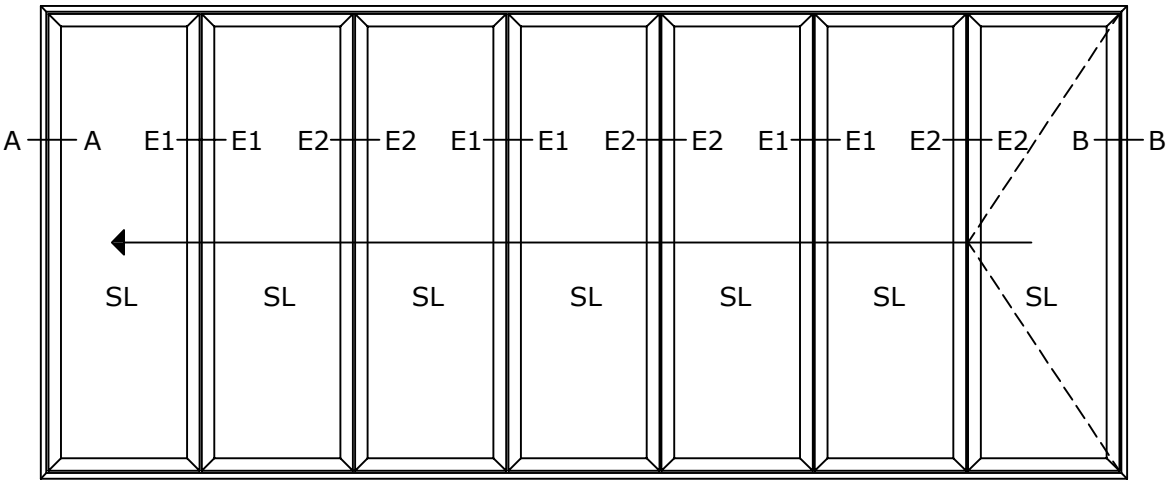
BI-FOLDING DOOR

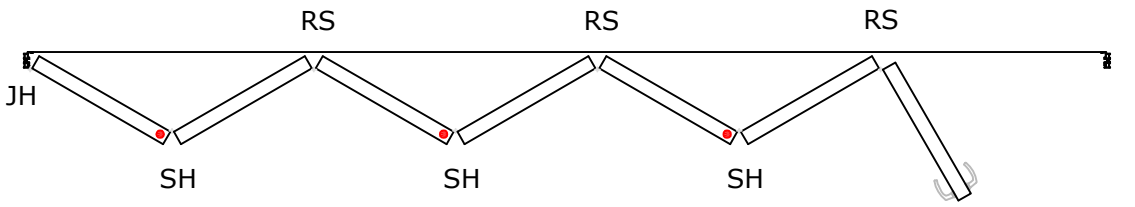
TYPE 7A (7-1-6)





TYPE 7C (7-7-0)





JH = JAMB HINGE
SH = SASH HINGE
HR = HALF ROLLER SET
RS = ROLLER SET
SL = STANDARD LEAF
HRL = HALF ROLLER LEAF
• = SHOOT BOLT

Not to scale

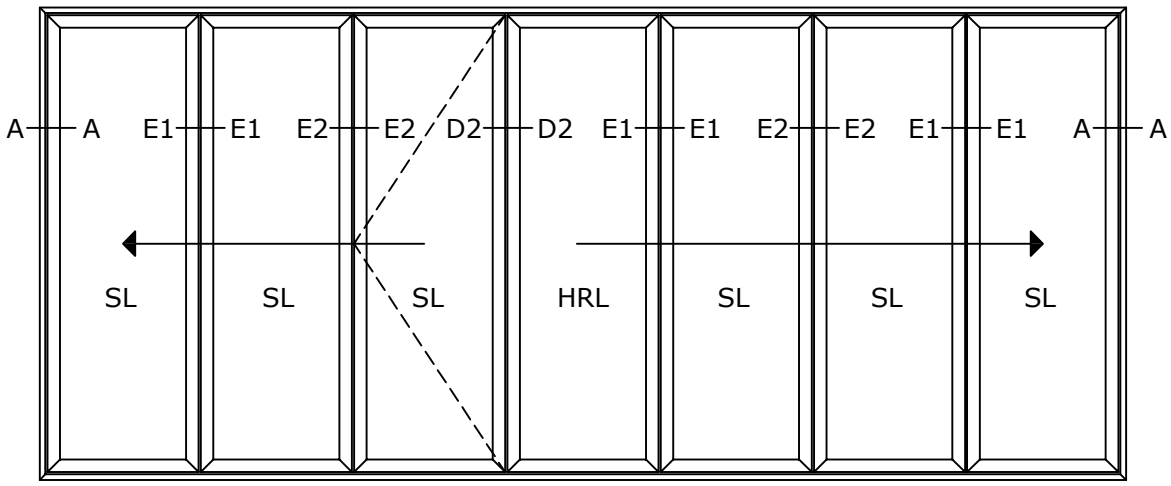
Typical Elevations

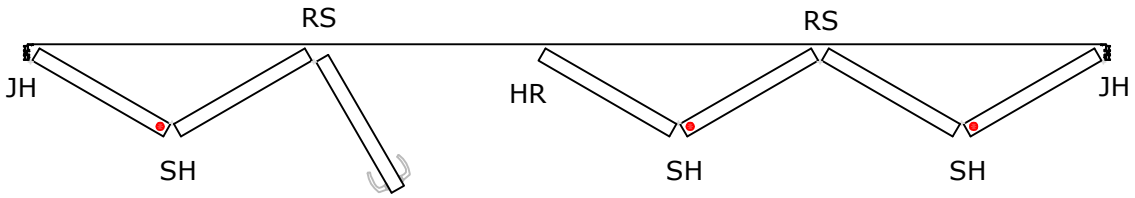
Seven Leaf Doors

System 26 Hi/Hi+

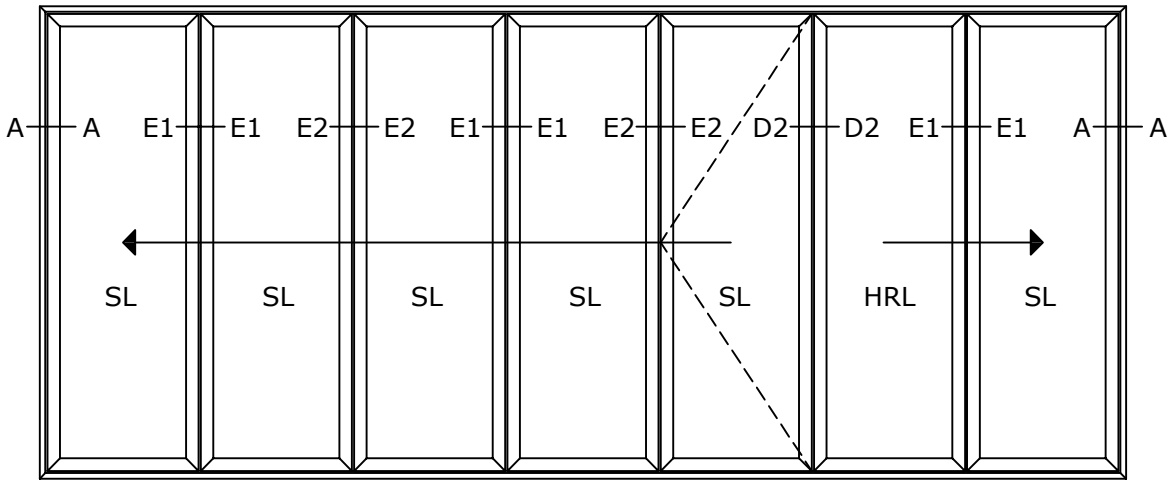
BI-FOLDING DOOR

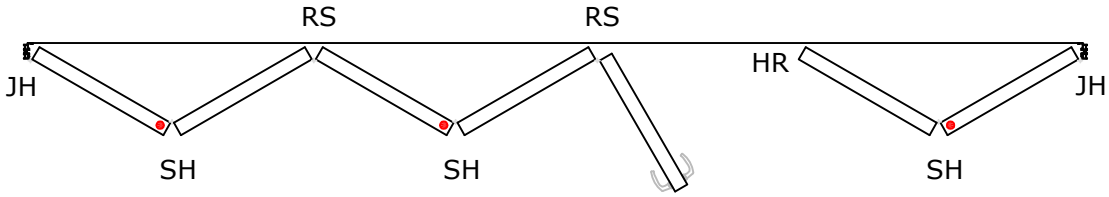
TYPE 7E (7-3-4)





TYPE 7E (7-5-2)





JH = JAMB HINGE
SH = SASH HINGE
HR = HALF ROLLER SET
RS = ROLLER SET
SL = STANDARD LEAF
HRL = HALF ROLLER LEAF
• = SHOOT BOLT

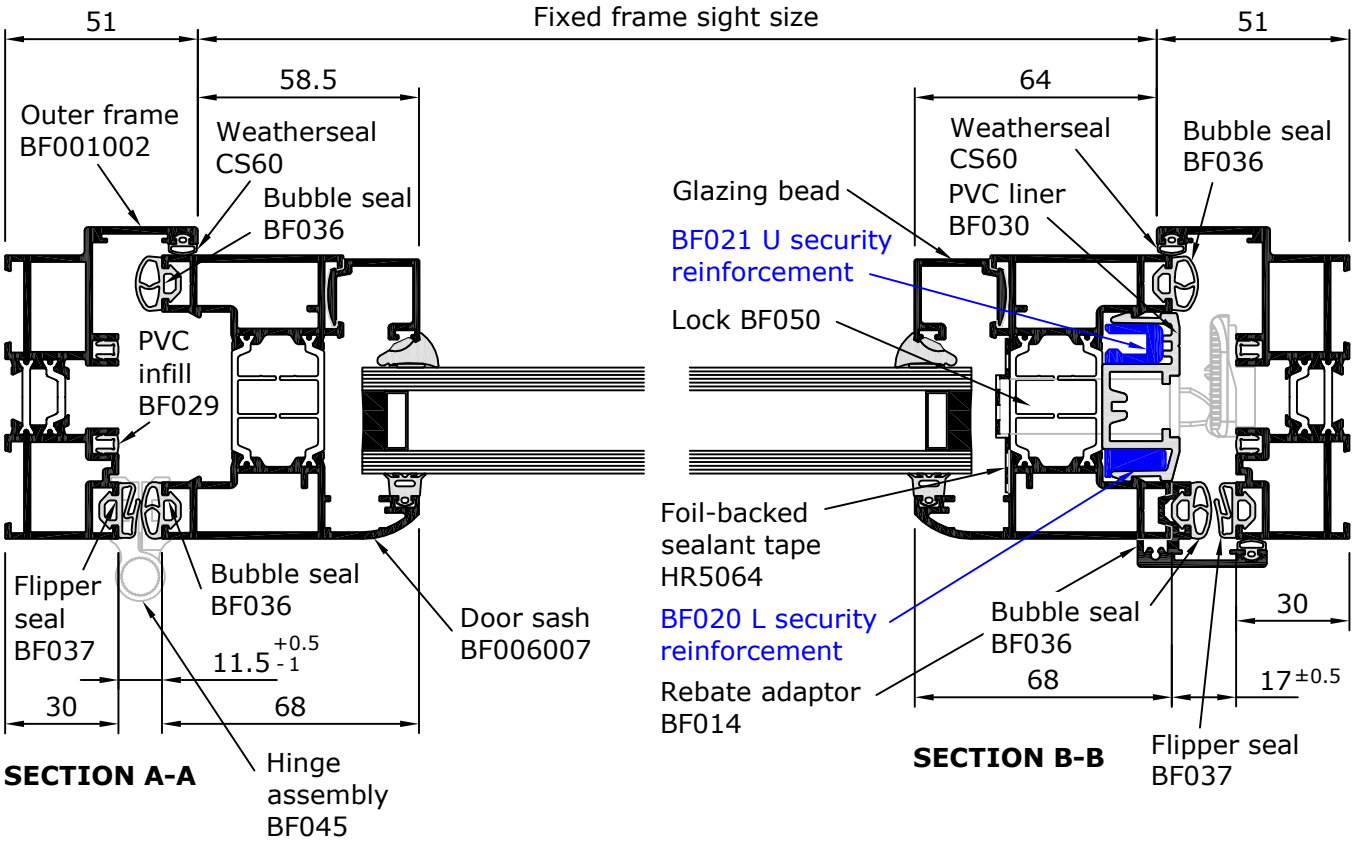
Not to scale

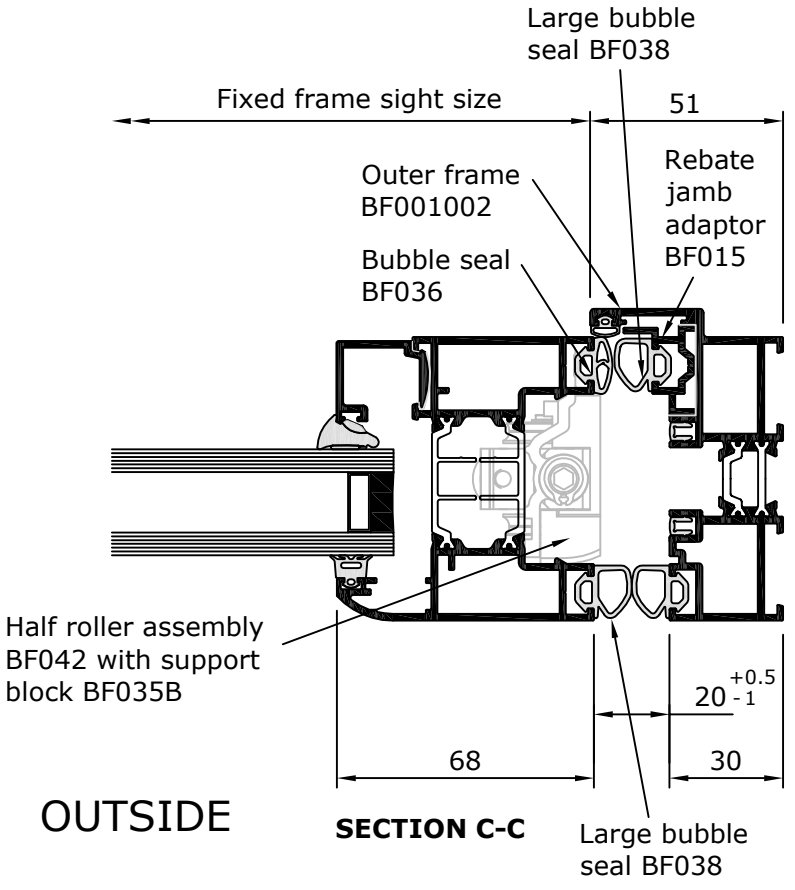
Door Jamb Details Open-Out

Items printed in blue are required in security applications only.

System 26 Hi
BI-FOLDING DOOR

INSIDE





OUTSIDE

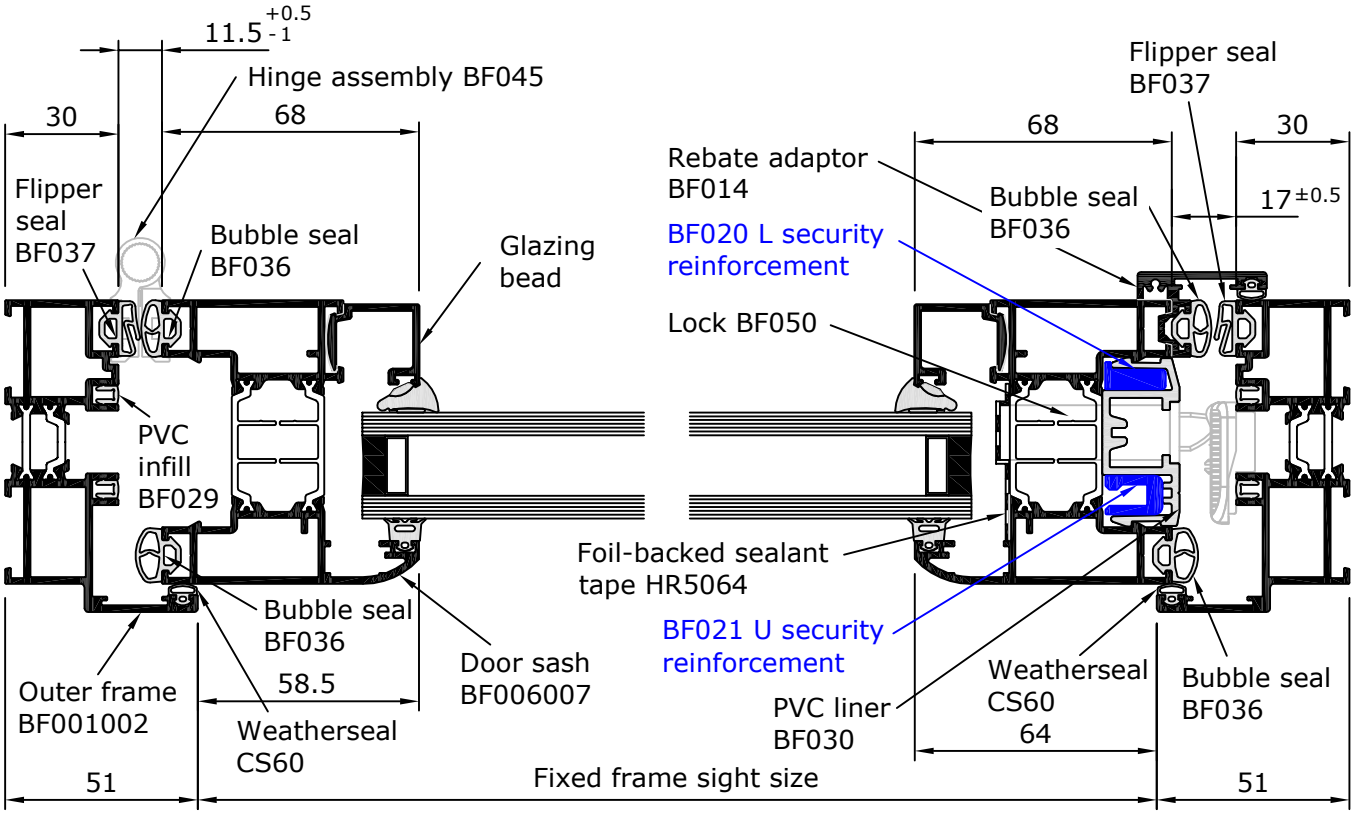
Scale 1:2

Door Jamb Details Open-In

Items printed in blue are required in security applications only.

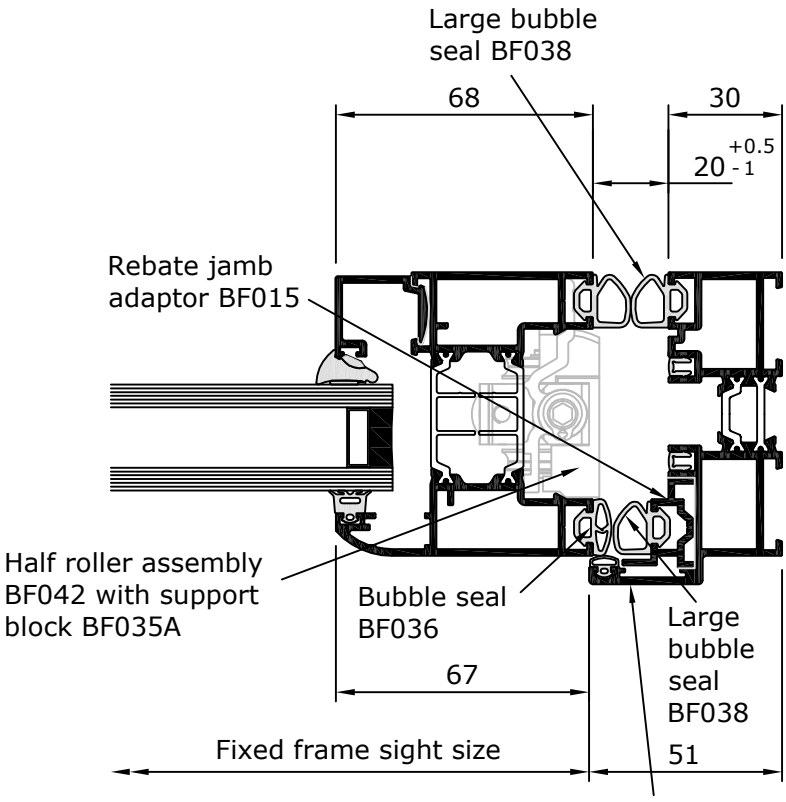
System 26 Hi
BI-FOLDING DOOR

INSIDE



SECTION A-A

SECTION B-B



SECTION C-C

OUTSIDE

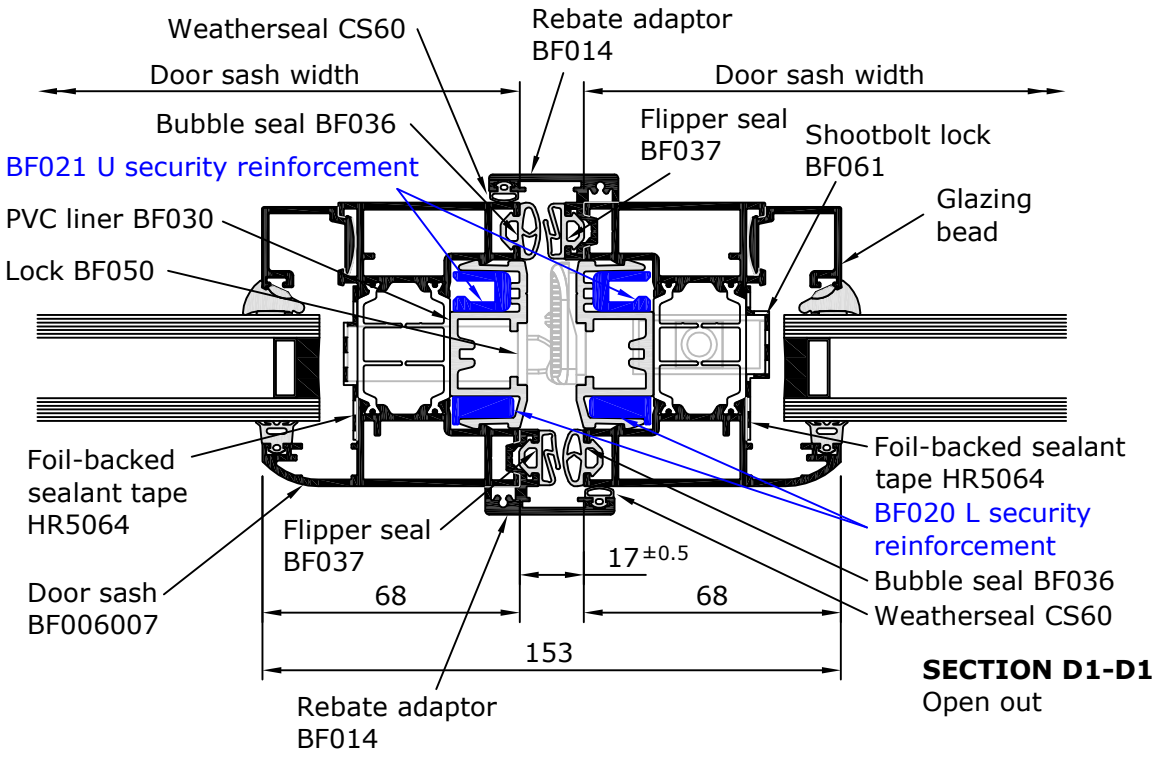
Scale 1:2

Meeting Stiles

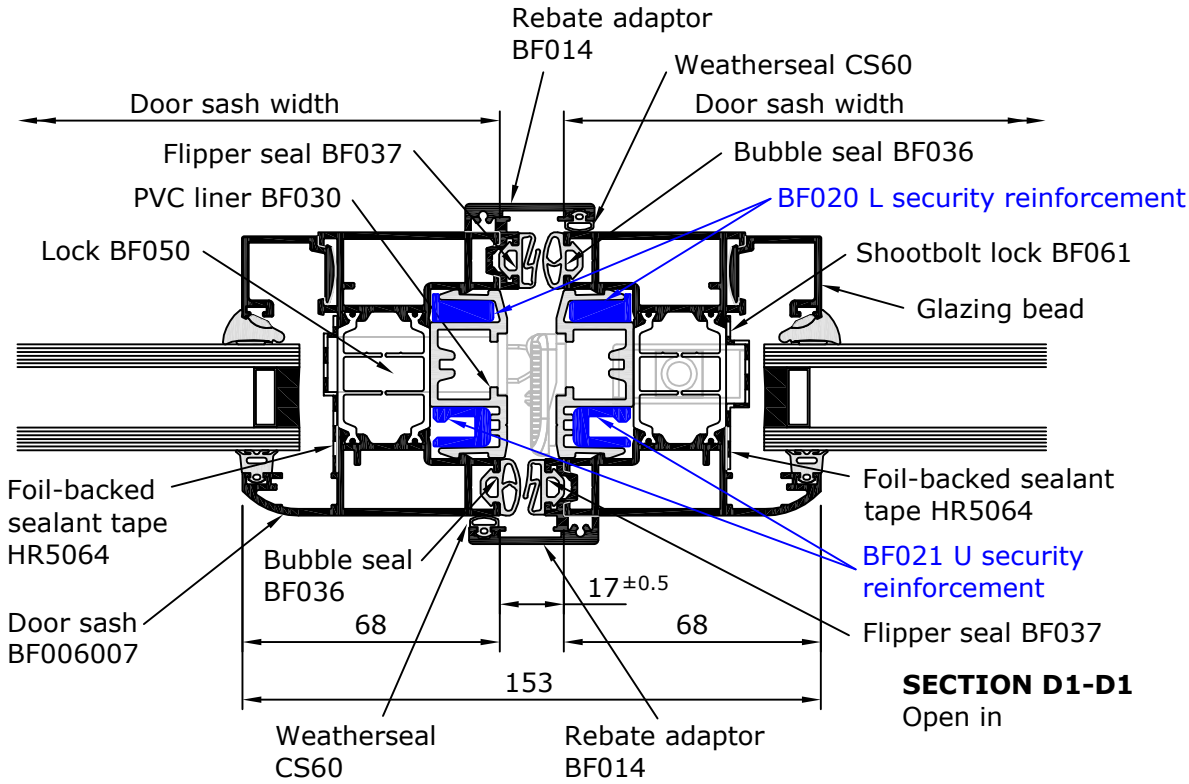
Items printed in blue are required in security applications only.

System 26 Hi
BI-FOLDING DOOR

INSIDE



SECTION D1-D1
Open out



SECTION D1-D1
Open in

OUTSIDE

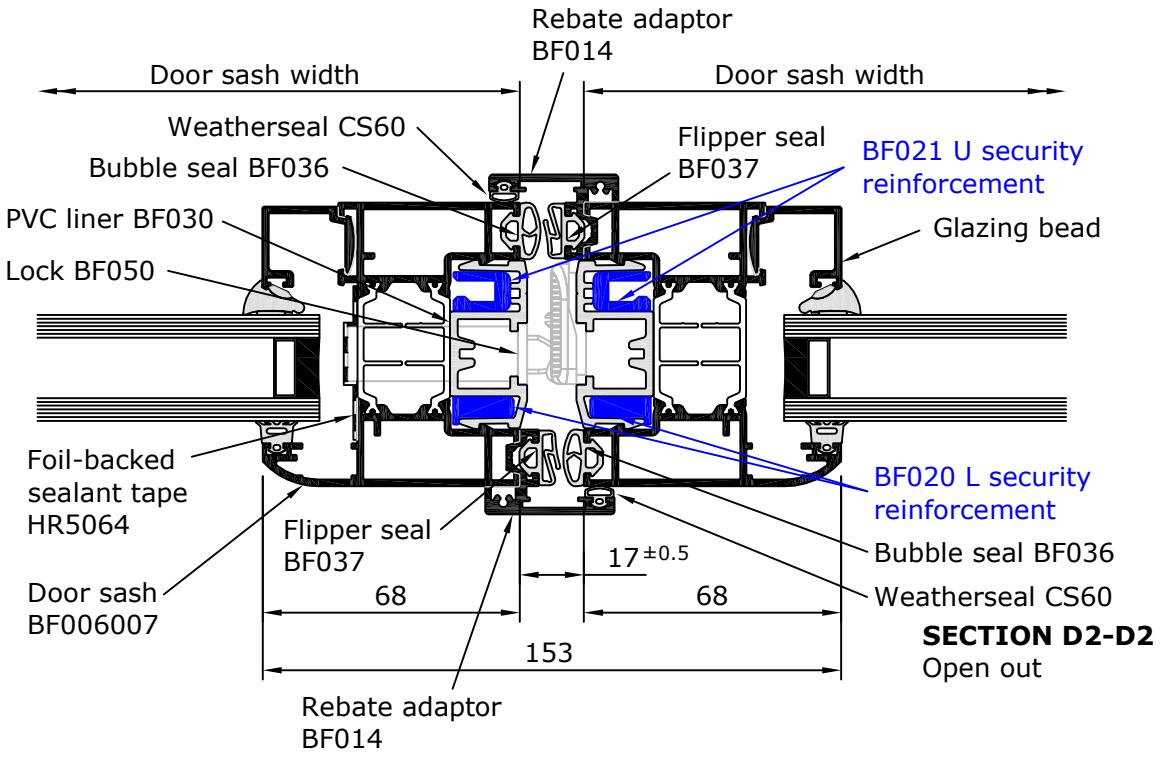
Scale 1:2

Meeting Stiles

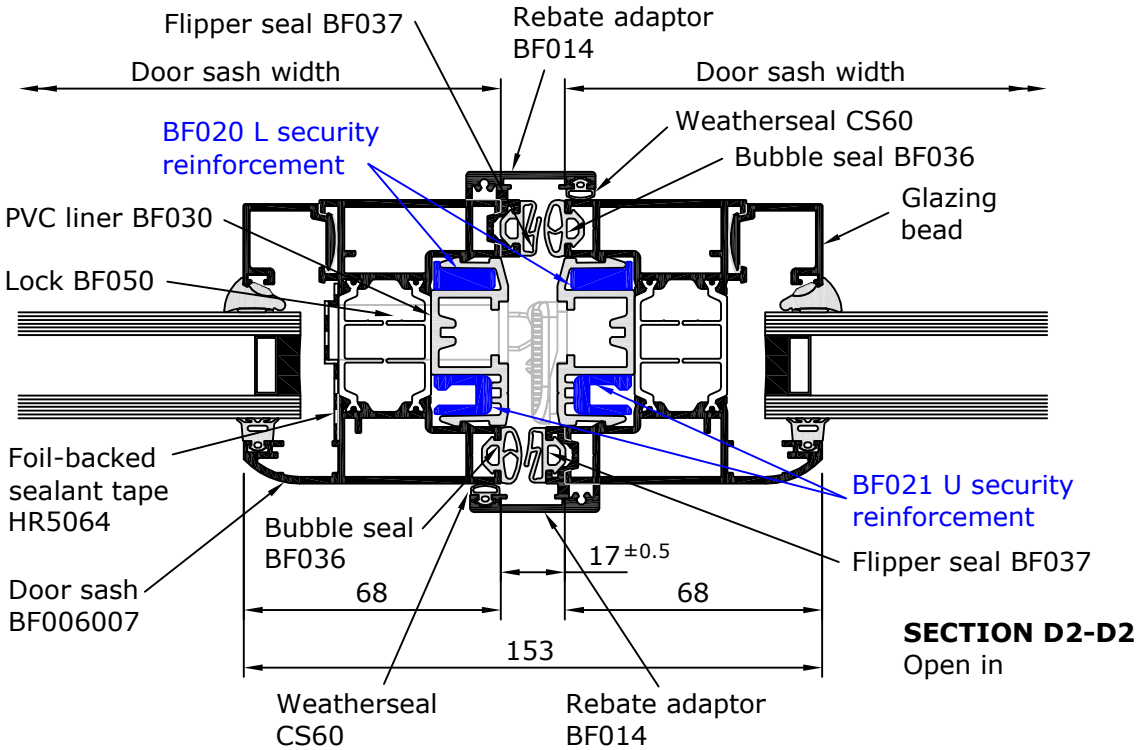
Items printed in blue are required in security applications only.

System 26 Hi
BI-FOLDING DOOR

INSIDE



SECTION D2-D2
Open out



SECTION D2-D2
Open in

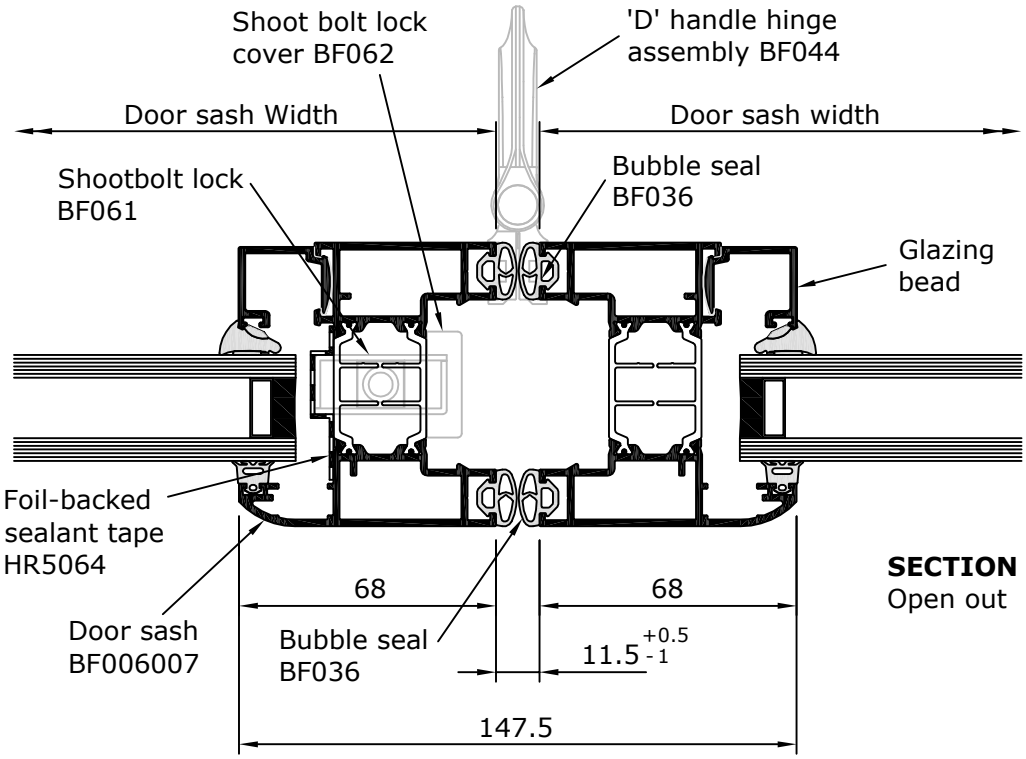
OUTSIDE

Scale 1:2

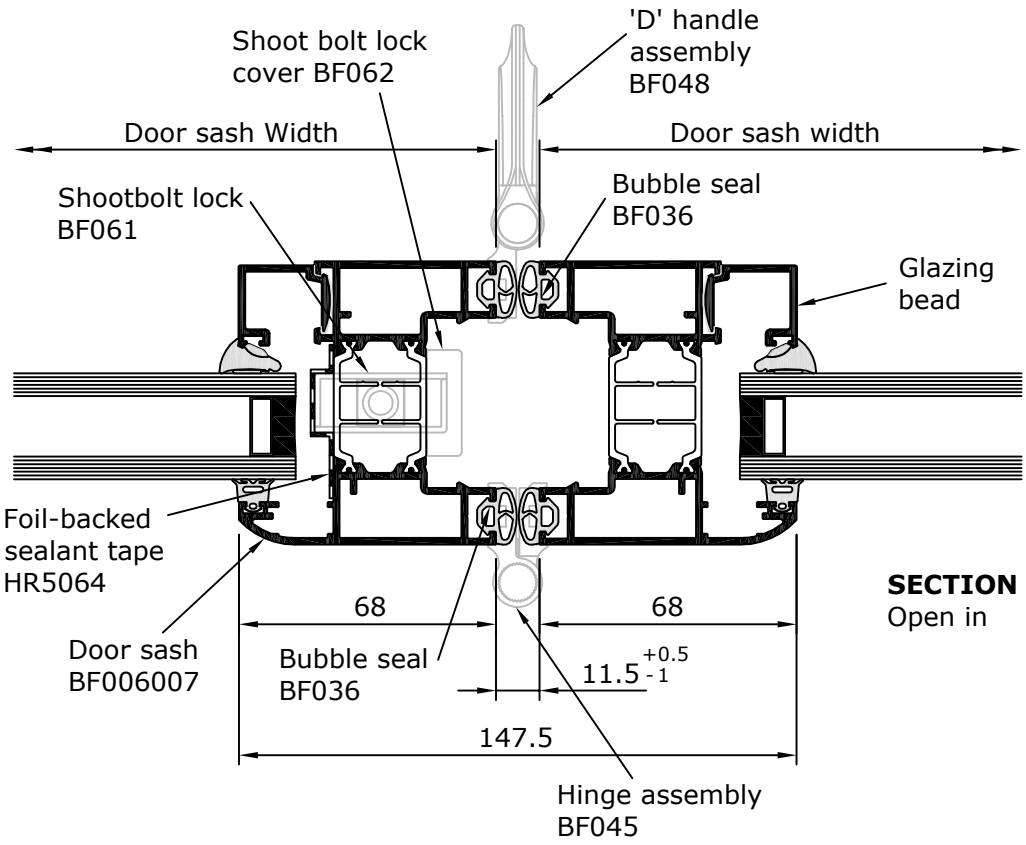
Meeting Stiles

System 26 Hi
BI-FOLDING DOOR

INSIDE



SECTION E1-E1
Open out



SECTION E1-E1
Open in

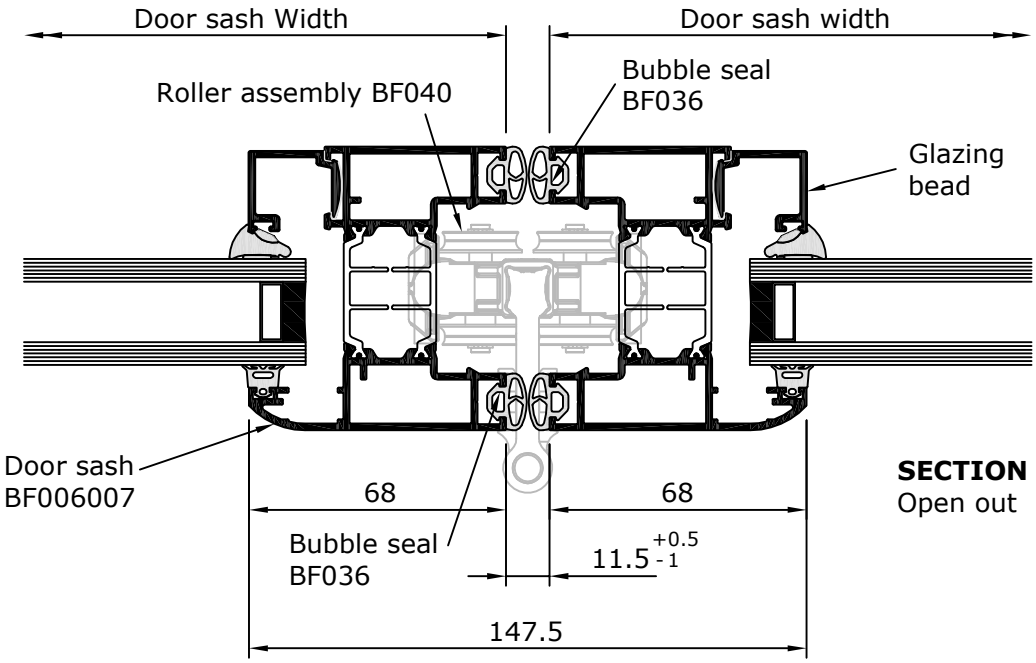
OUTSIDE

Scale 1:2

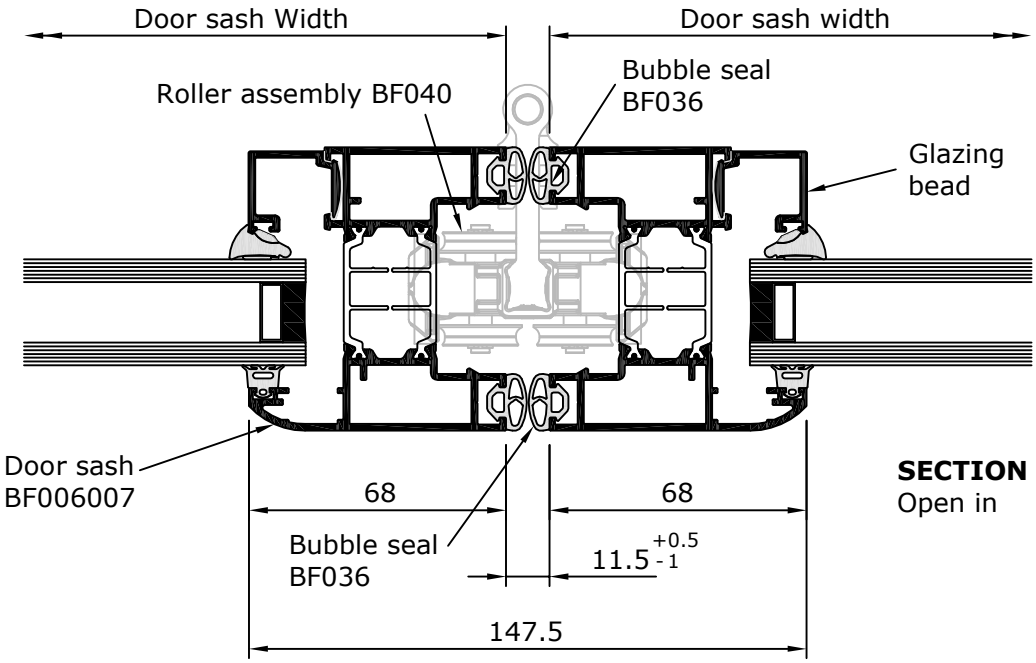
Meeting Stiles

System 26 Hi
BI-FOLDING DOOR

INSIDE



SECTION E2-E2
Open out



SECTION E2-E2
Open in

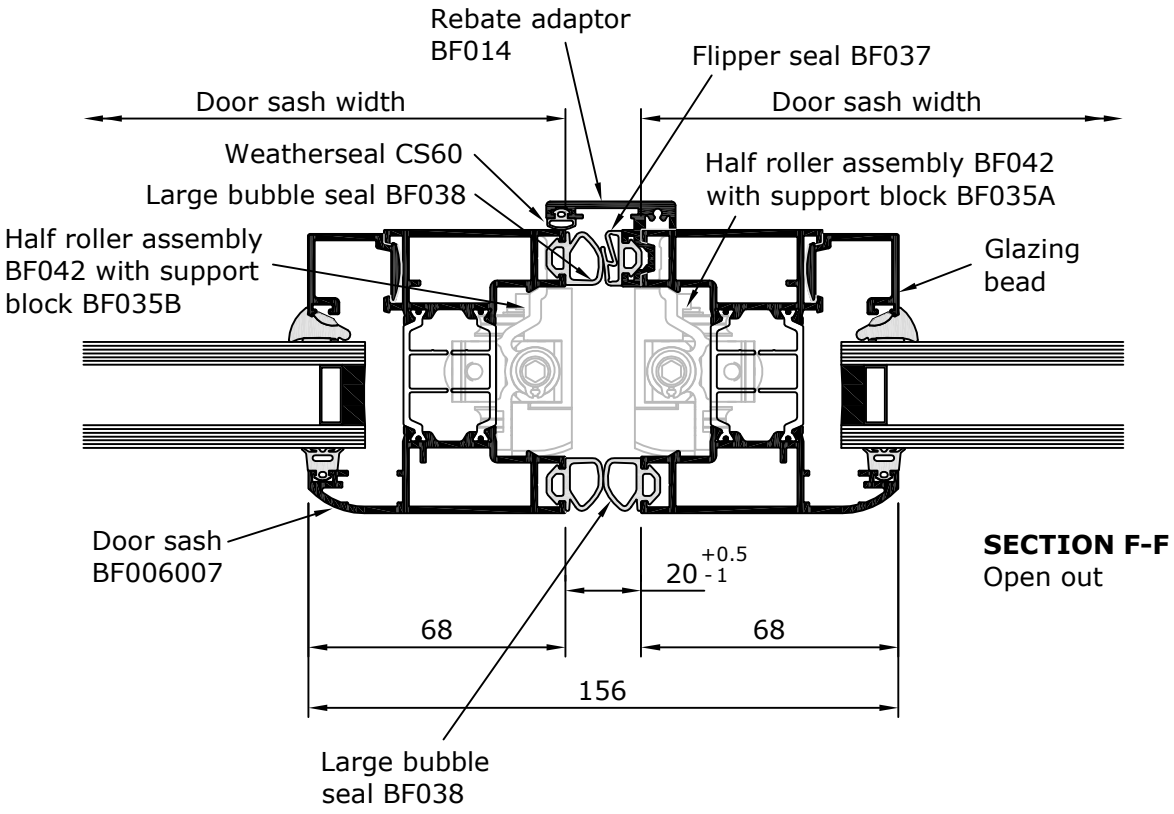
OUTSIDE

Scale 1:2

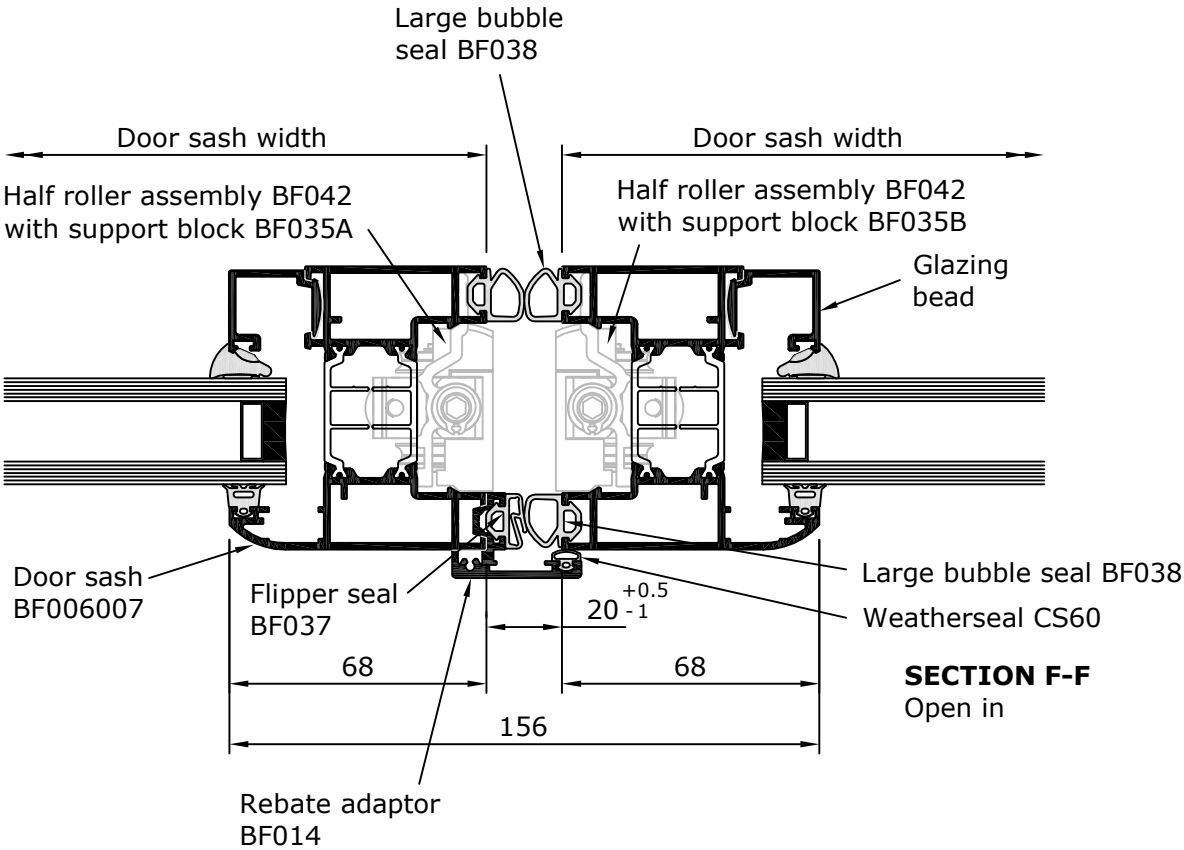
Meeting Stiles

System 26 Hi
BI-FOLDING DOOR

INSIDE



SECTION F-F
Open out



SECTION F-F
Open in

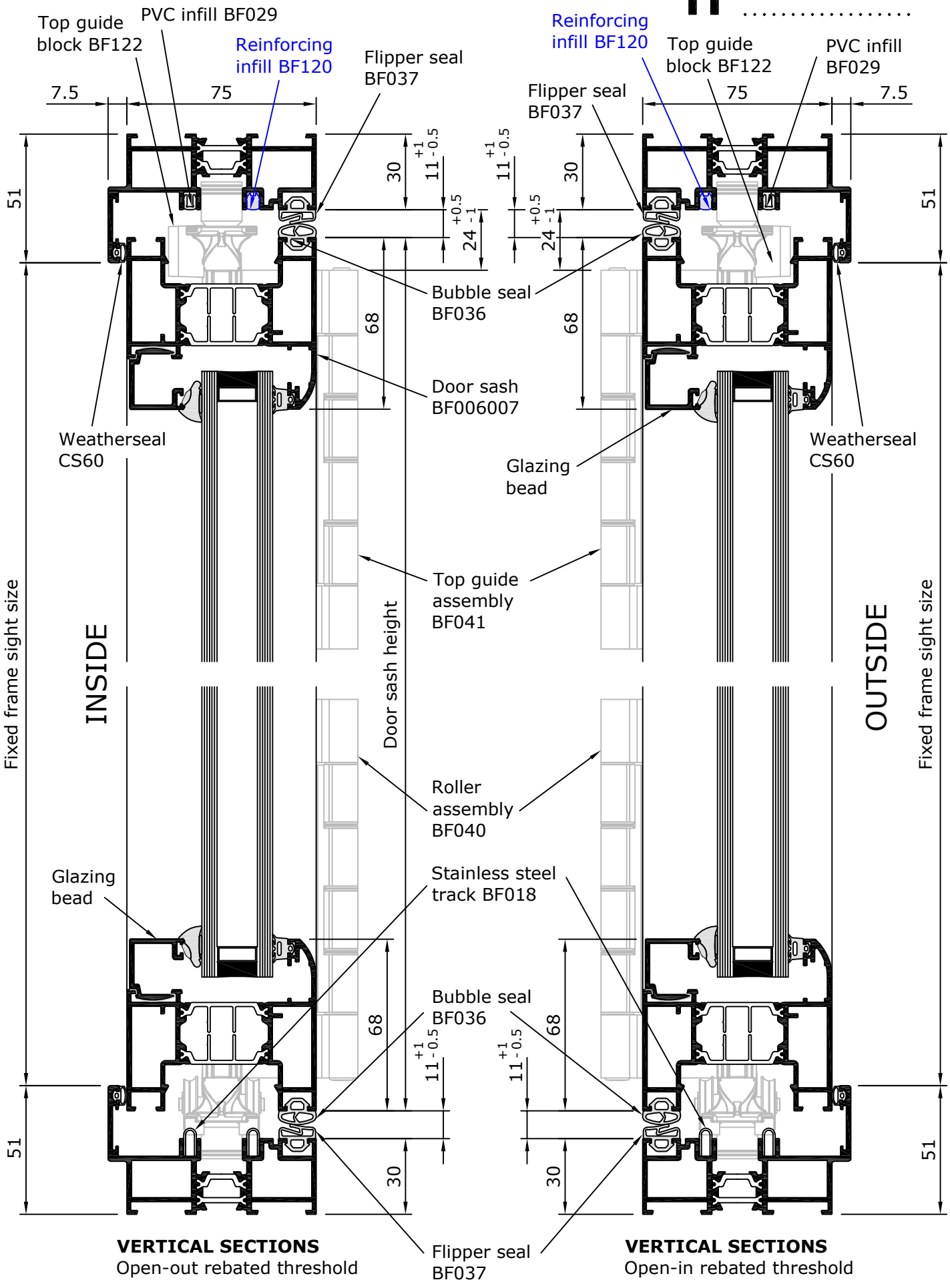
OUTSIDE

Scale 1:2

Rebated Head and Threshold

Items printed in blue are required in security applications only.

System 26 Hi
BI-FOLDING DOOR



VERTICAL SECTIONS
Open-out rebated threshold

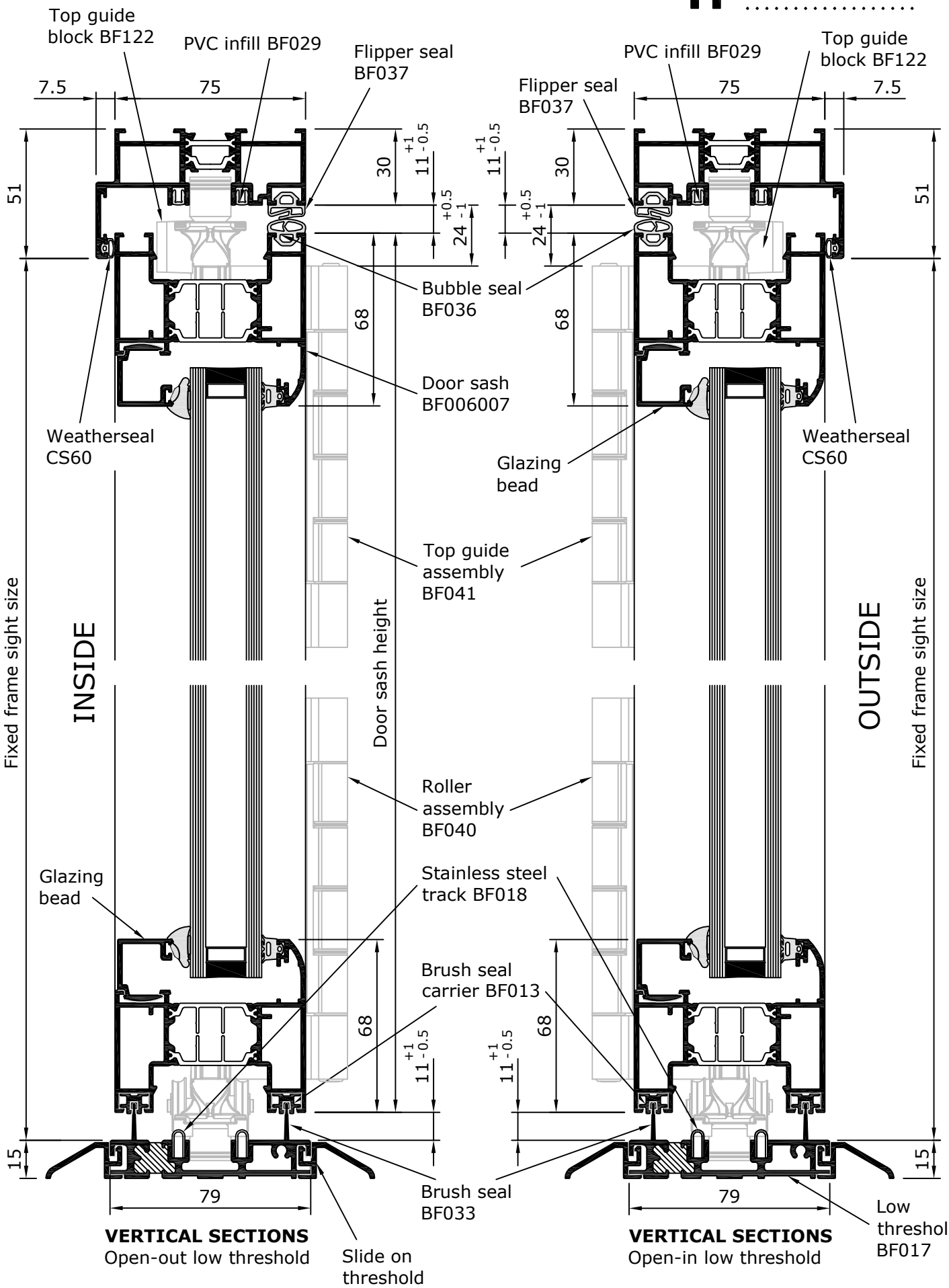
VERTICAL SECTIONS
Open-in rebated threshold

Scale 1:2

Rebated Head and Low Threshold

System 26 Hi

BI-FOLDING DOOR



VERTICAL SECTIONS
Open-out low threshold

VERTICAL SECTIONS
Open-in low threshold

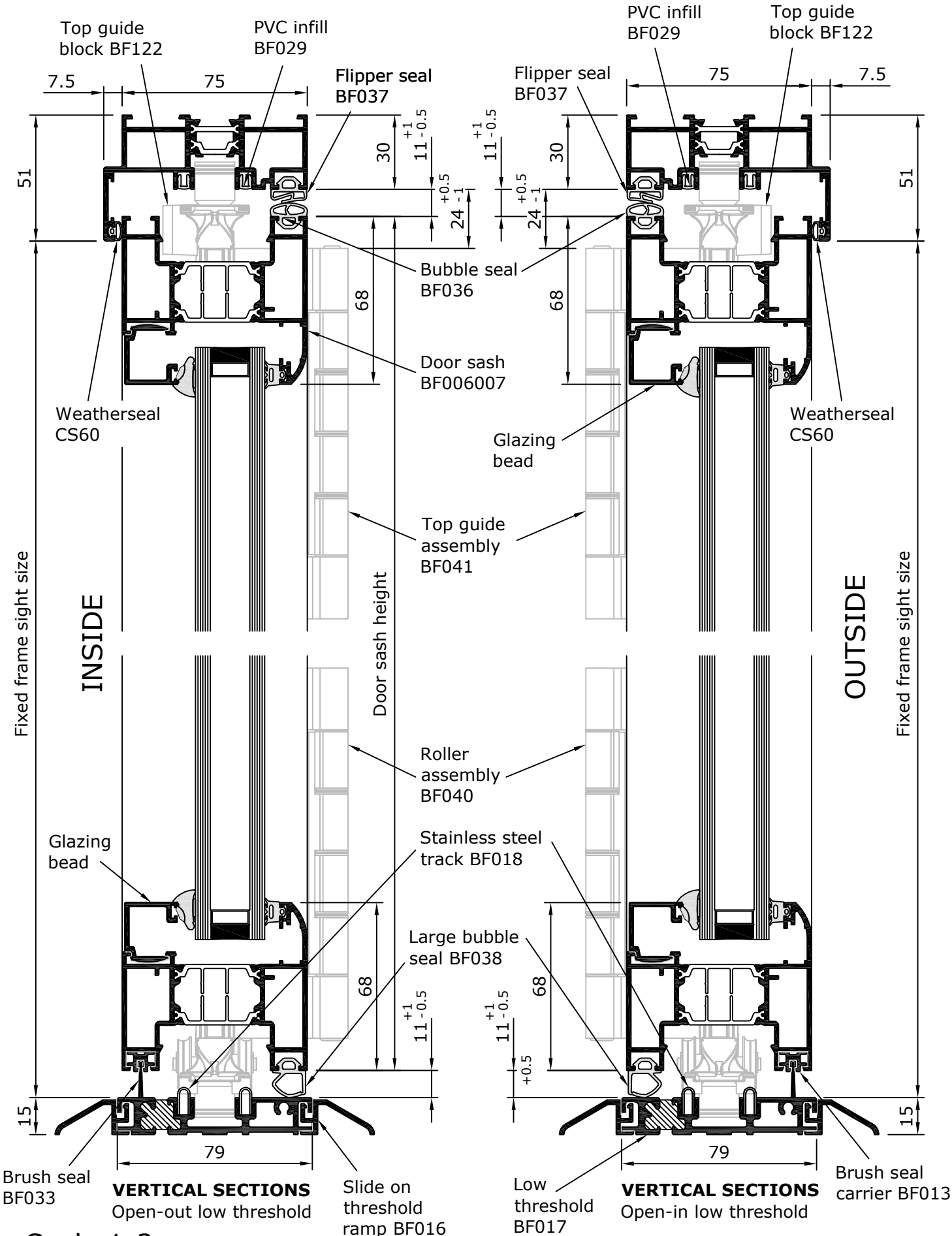
Scale 1:2

Rebated Head and Low Threshold

Owner-Occupied Domestic Applications Only

Not suitable for Types 2B, 4B, 4D and 6B.

System 26 Hi
BI-FOLDING DOOR



Scale 1:2

Coupling Mullions

System 26 Hi
BI-FOLDING DOOR

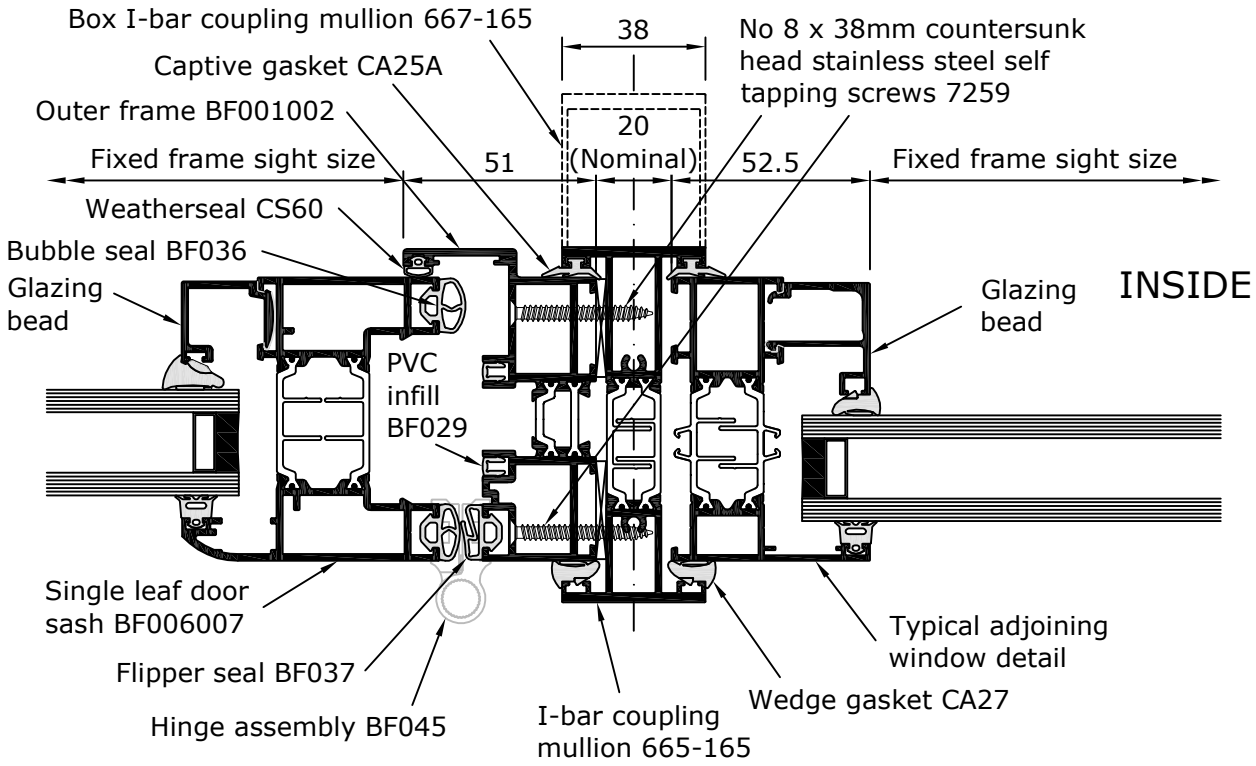
These profiles were not intended for use as coupling transoms. The fabricator must ensure that the door design and coupling details can adequately accommodate the anticipated expansion and contraction required for the door configuration. For further advice please contact Metal Technology's Technical Department.

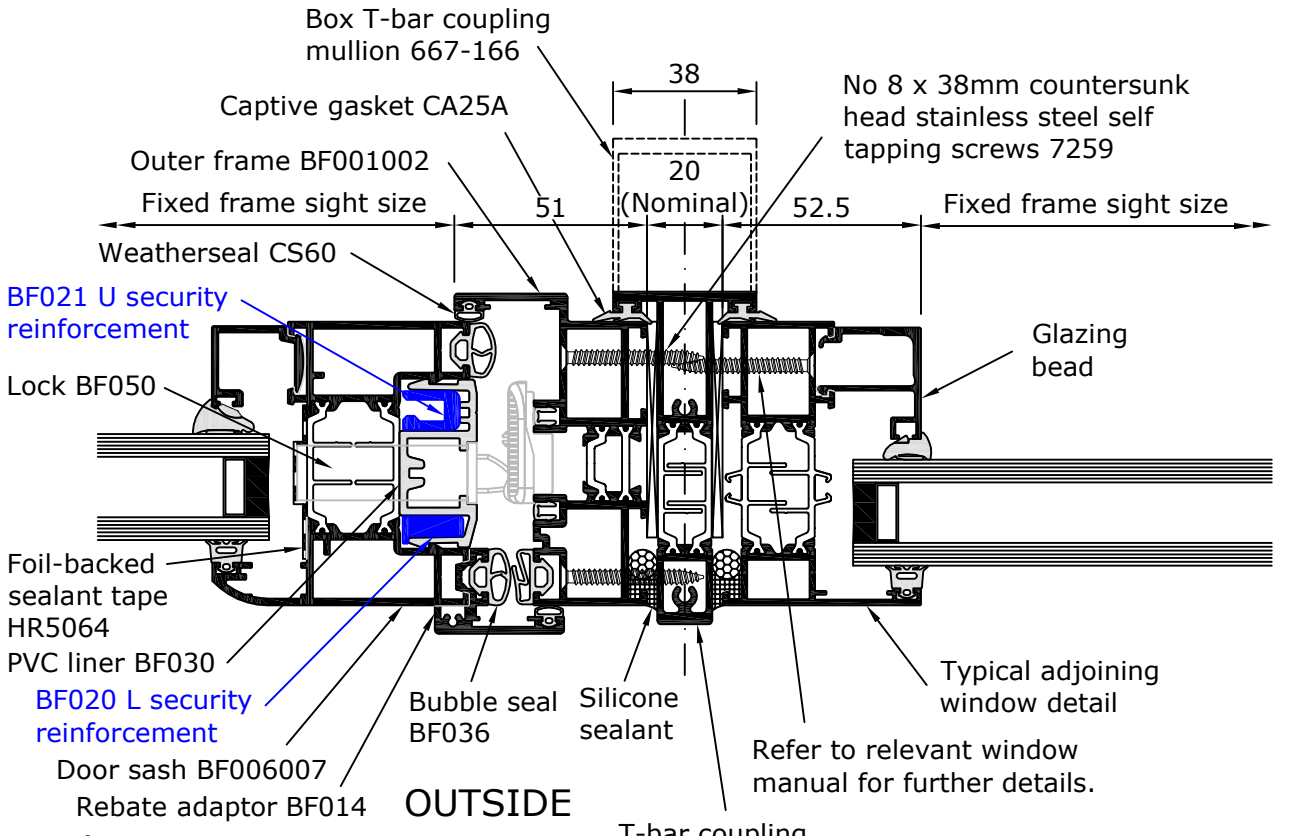
Doors to be screw fixed to coupling mullions with fixing centres as per "Typical Direct Fixing Detail" sheets.

Metal Technology do not recommend stacking doors off a coupling mullion without prior approval from a structural engineer.

Items printed in blue are required in security applications only.

OPEN OUT DOOR COUPLED TO WINDOW





Scale 1:2

Coupling Mullions

System 26 Hi
BI-FOLDING DOOR

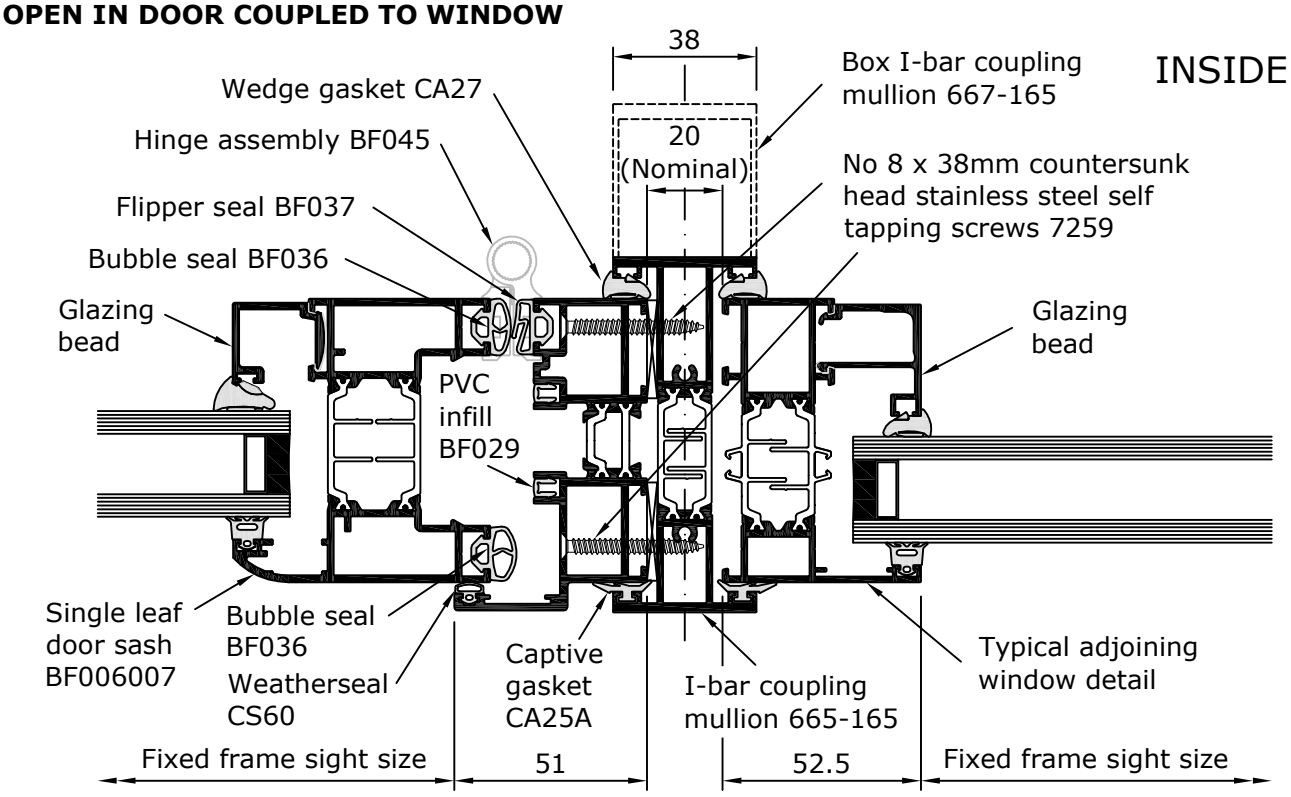
These profiles were not intended for use as coupling transoms. The fabricator must ensure that the door design and coupling details can adequately accommodate the anticipated expansion and contraction required for the door configuration. For further advice please contact Metal Technology's Technical Department.

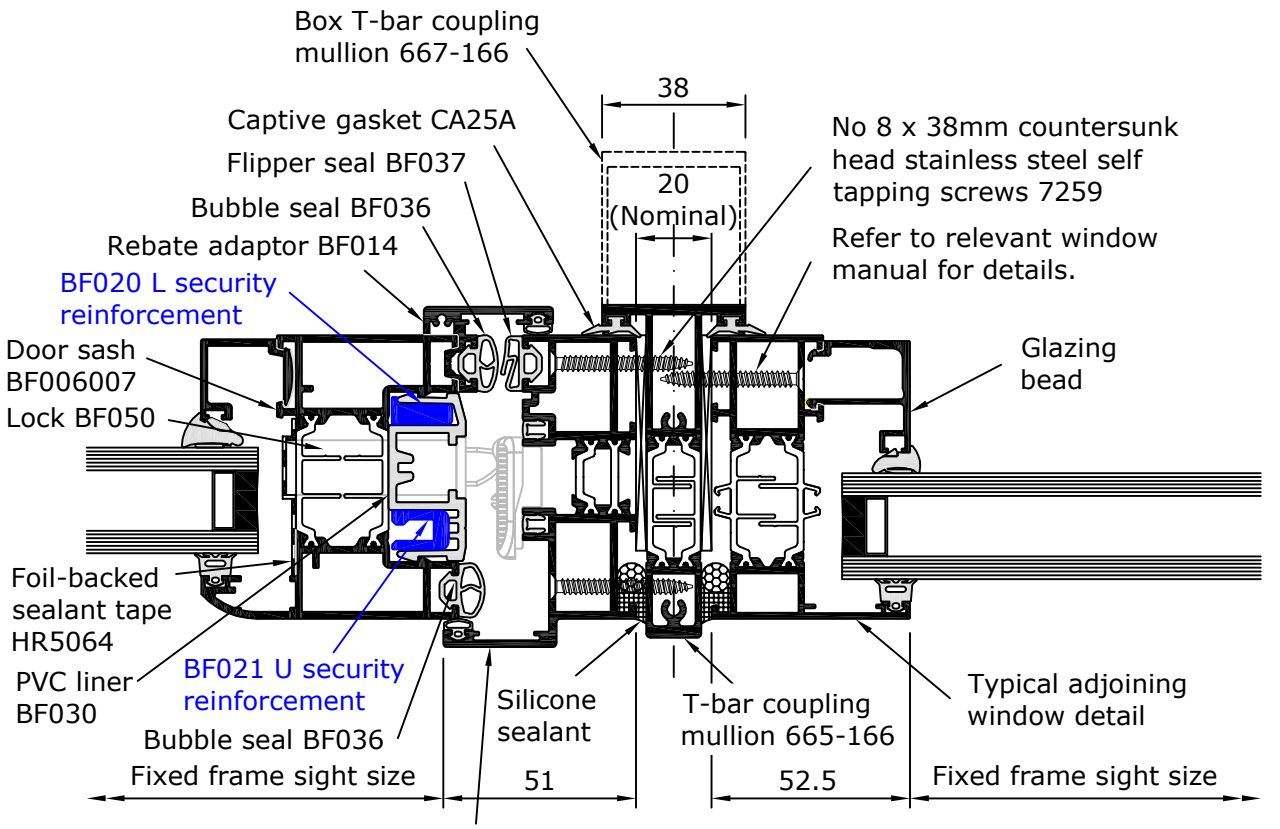
Doors to be screw fixed to coupling mullions with fixing centres as per "Typical Direct Fixing Detail" sheets.

Metal Technology do not recommend stacking doors off a coupling mullion without prior approval from a structural engineer.

Items printed in blue are required in security applications only.

OPEN IN DOOR COUPLED TO WINDOW





Scale 1:2

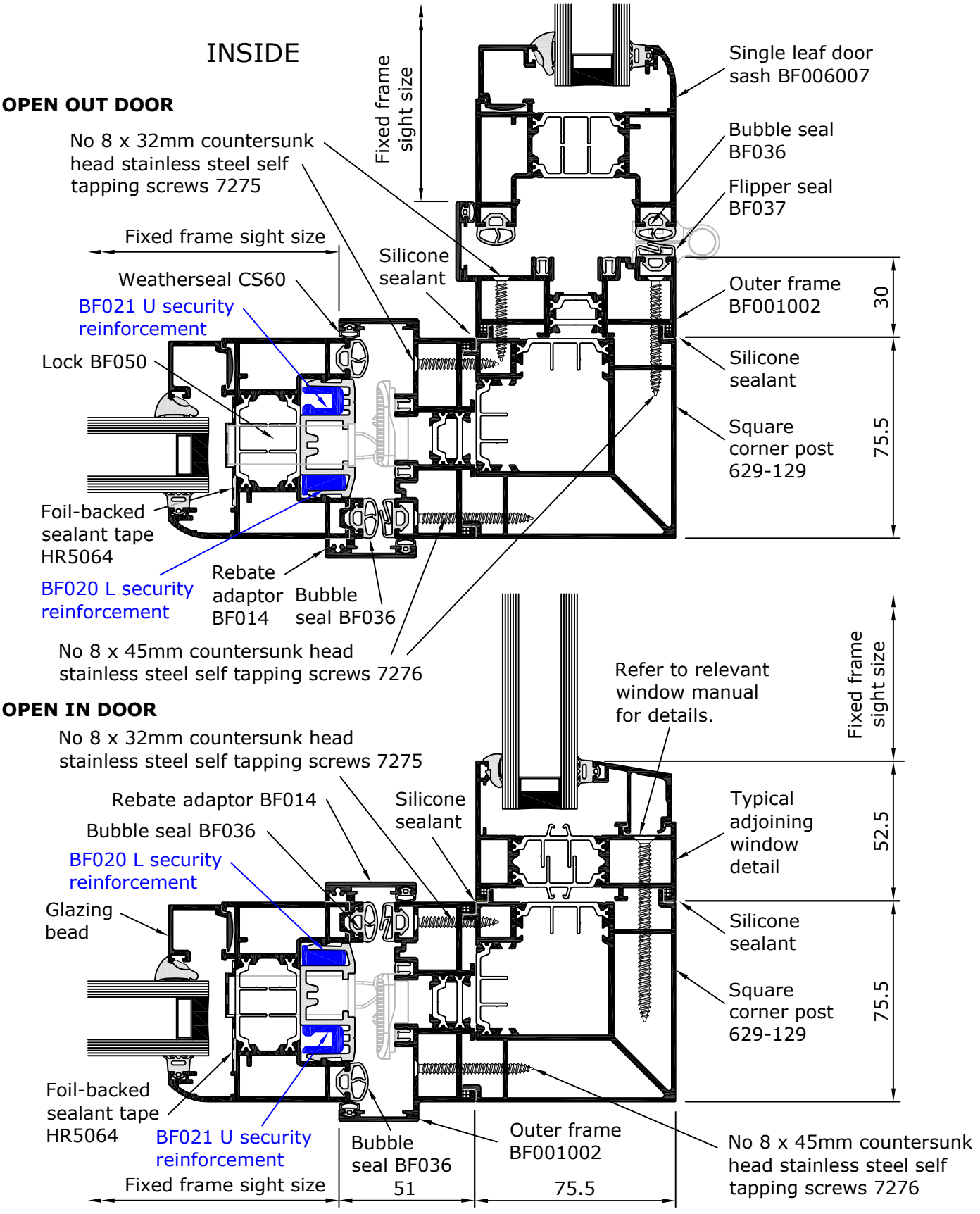
90° Corner Post

System 26 Hi
BI-FOLDING DOOR

Metal Technology do not recommend stacking doors off a corner post without prior approval from a structural engineer. Square corner post 629-129 may be used for internal and external corner applications. To avoid clashes when opening, consideration should be given to structural support and the opening direction of doors.

Doors to be screw fixed to square corner post with fixing centres as per "Typical Direct Fixing Detail" sheets.

Items printed in blue are required in security applications only.



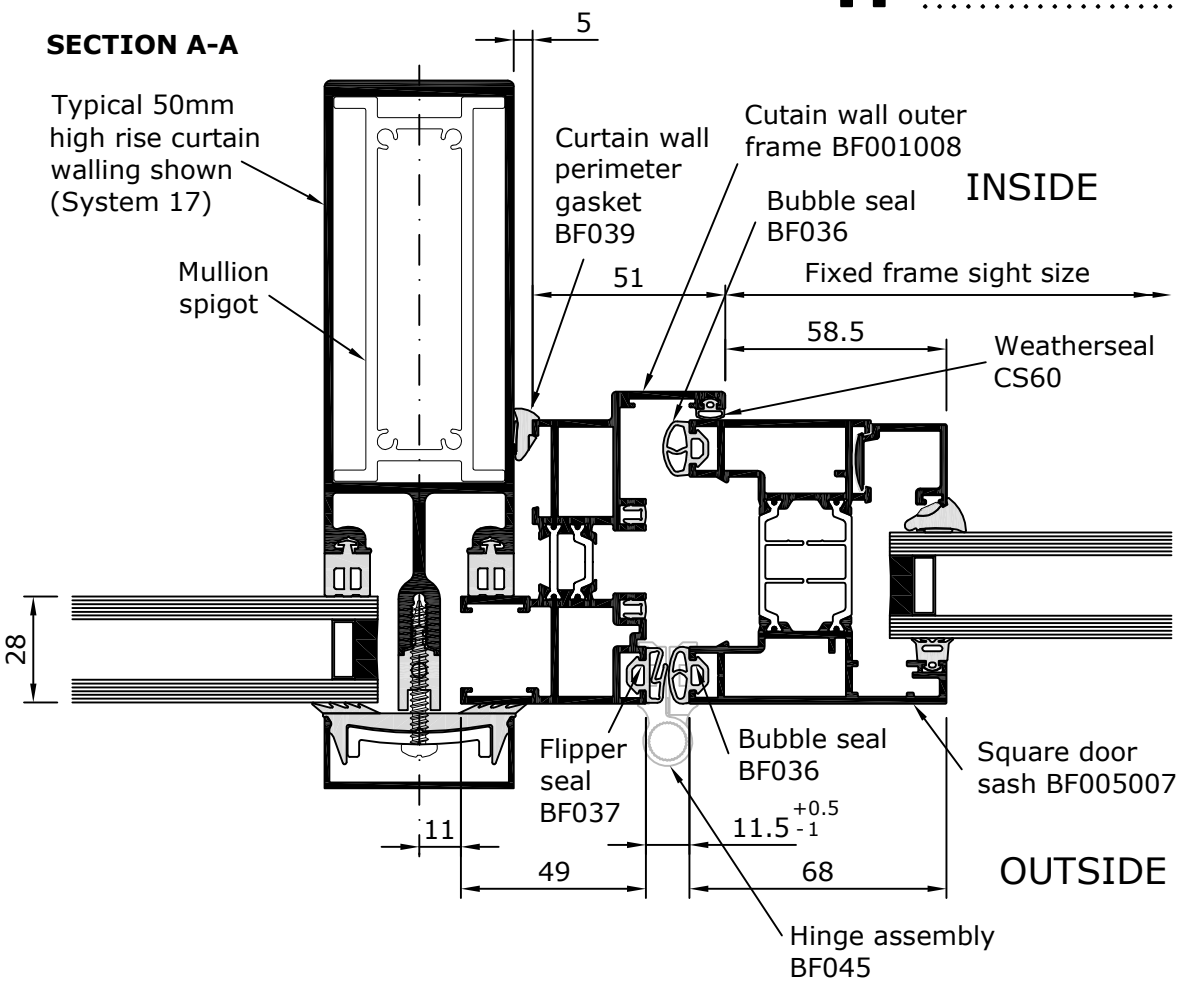
Scale 1:2

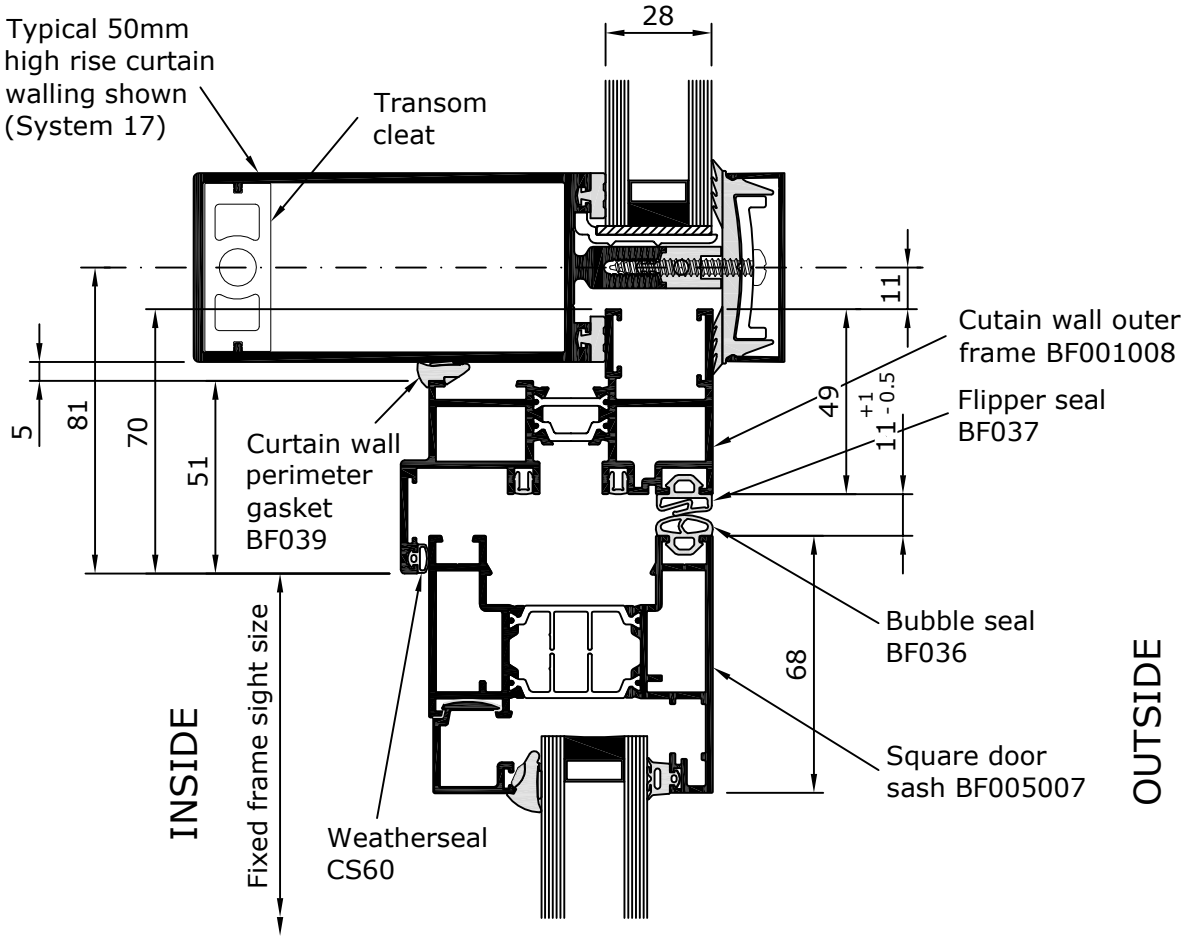
OUTSIDE

Curtain Wall Insert Open-Out

System 26 Hi
BI-FOLDING DOOR

SECTION A-A



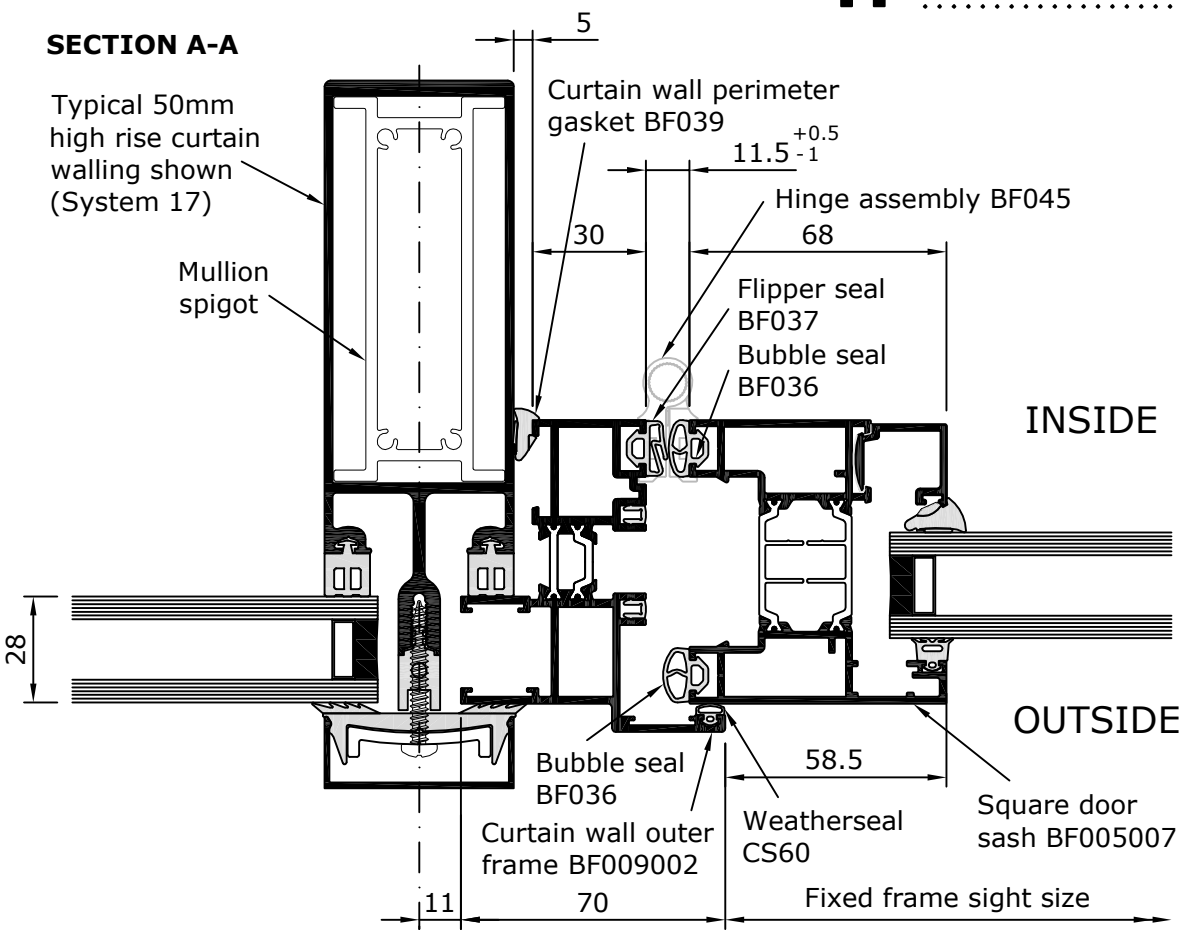


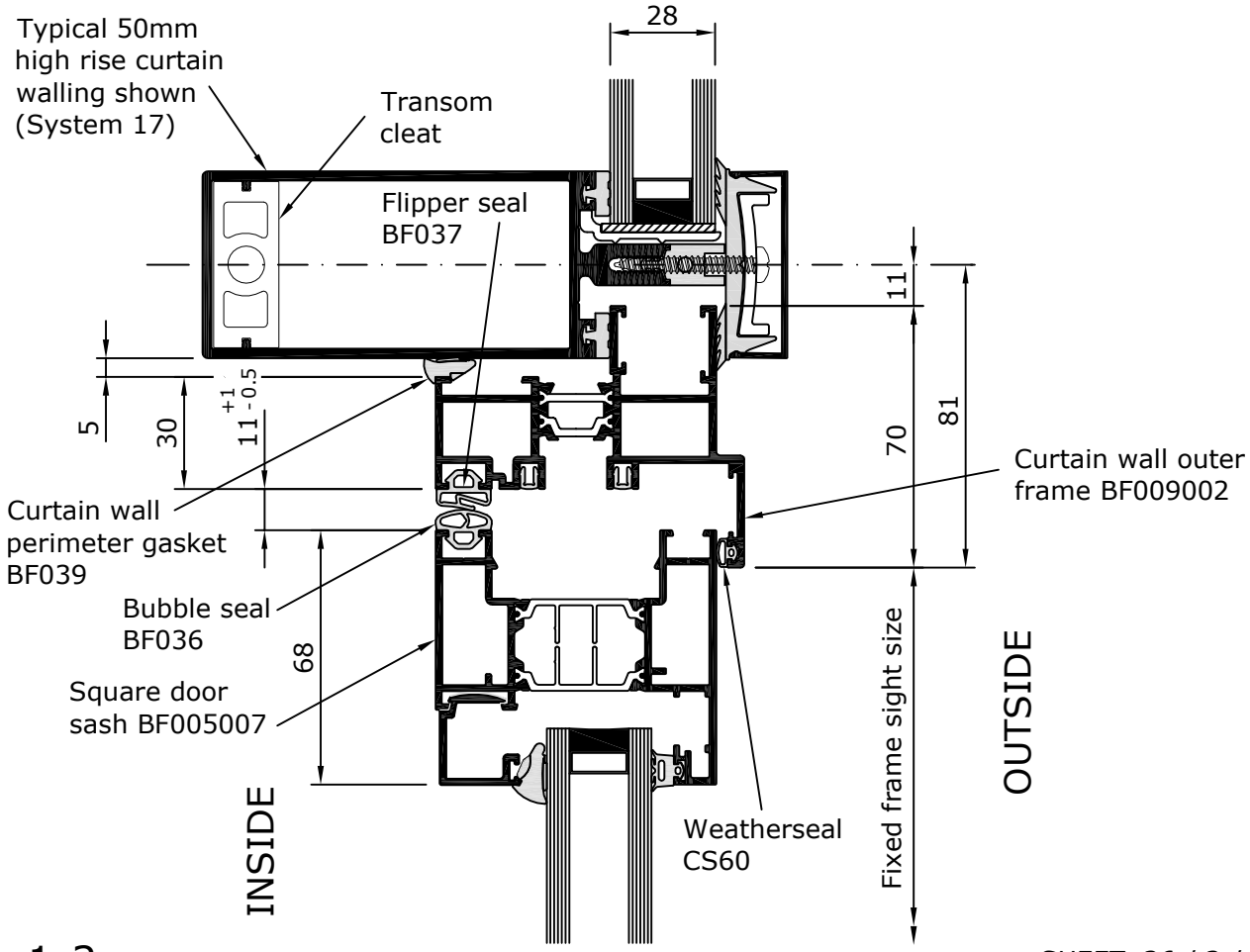
Scale 1:2

Curtain Wall Insert Open-In

System 26 Hi
BI-FOLDING DOOR

SECTION A-A





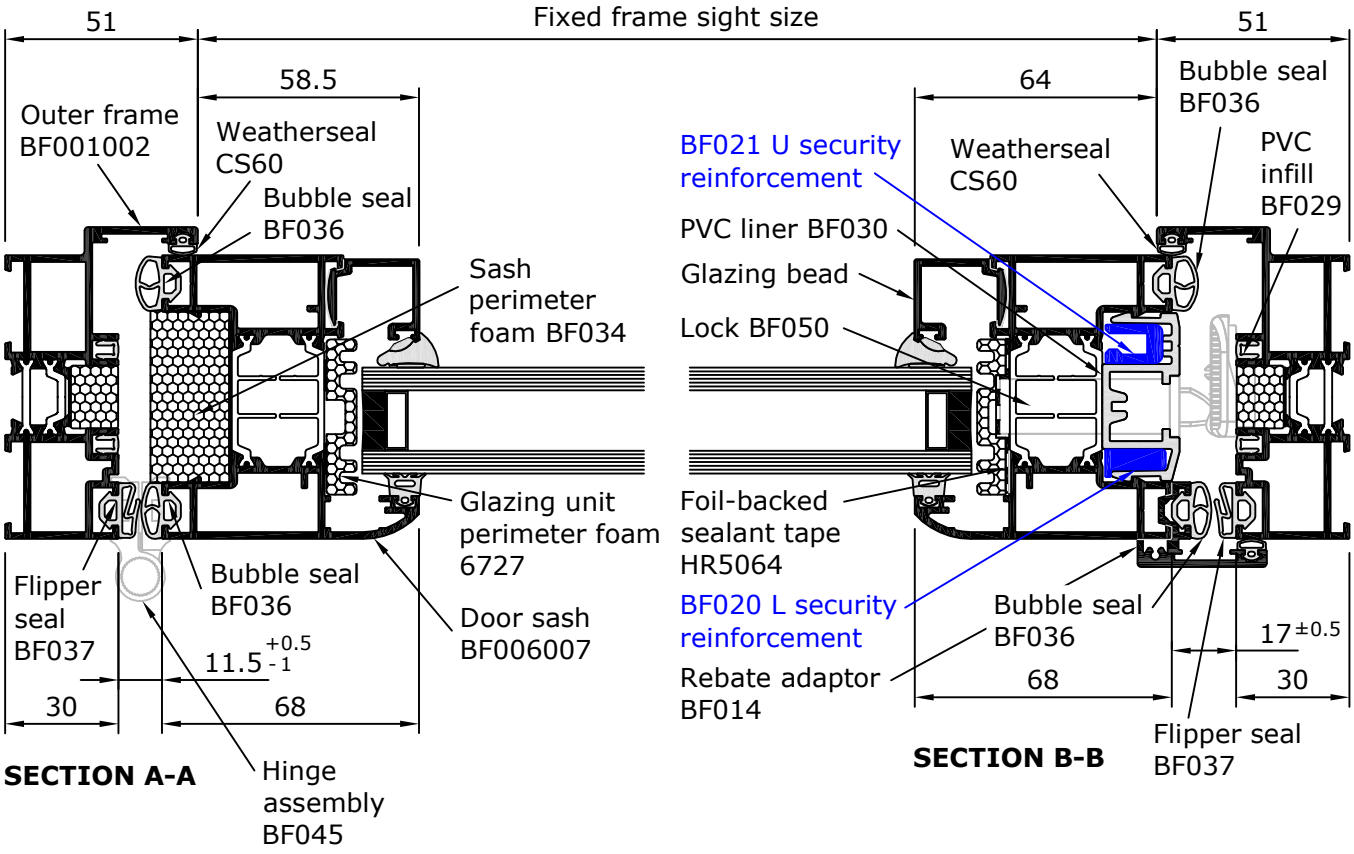
Scale 1:2

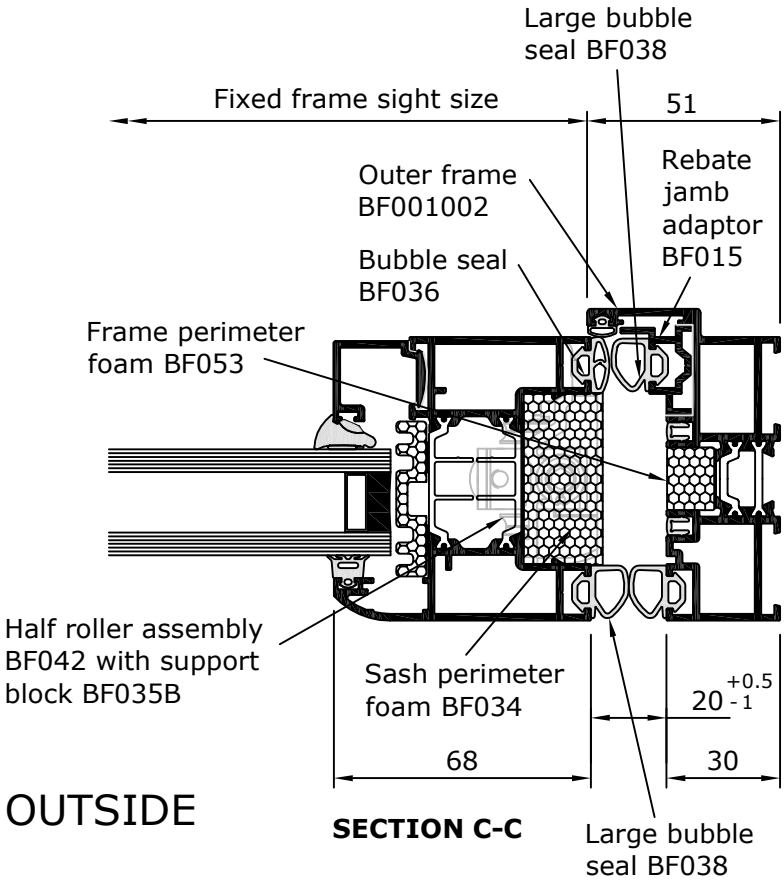
Door Jamb Details Open-Out

Items printed in blue are required in security applications only.

System 26 Hi+
BI-FOLDING DOOR

INSIDE





OUTSIDE

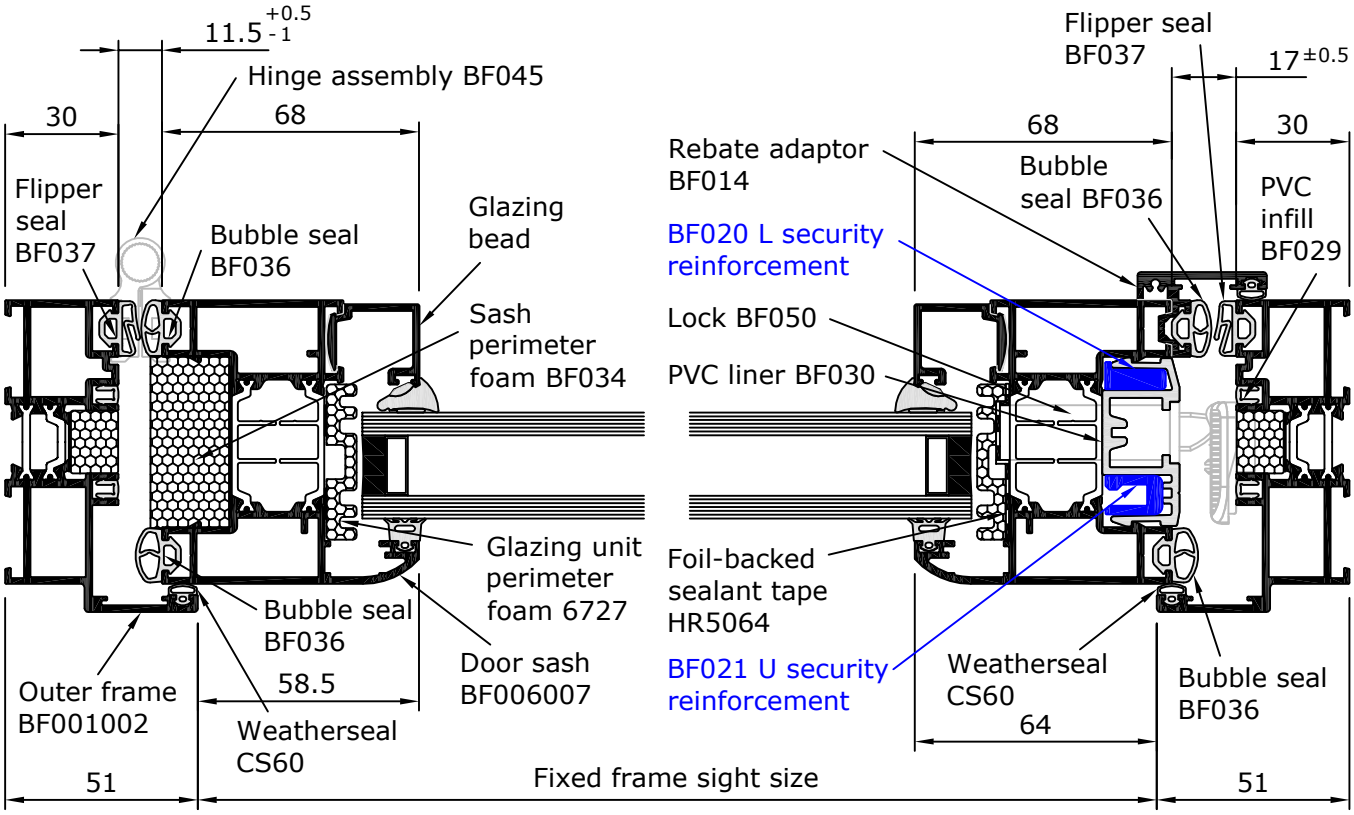
Scale 1:2

Door Jamb Details Open-In

Items printed in blue are required in security applications only.

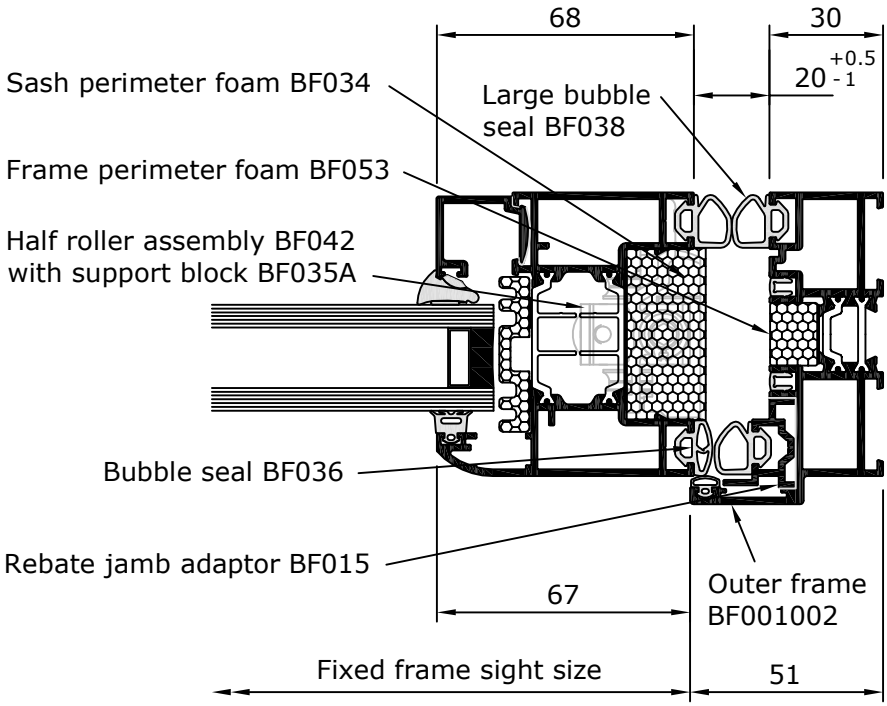
System 26 Hi+
BI-FOLDING DOOR

INSIDE



SECTION A-A

SECTION B-B



SECTION C-C

OUTSIDE

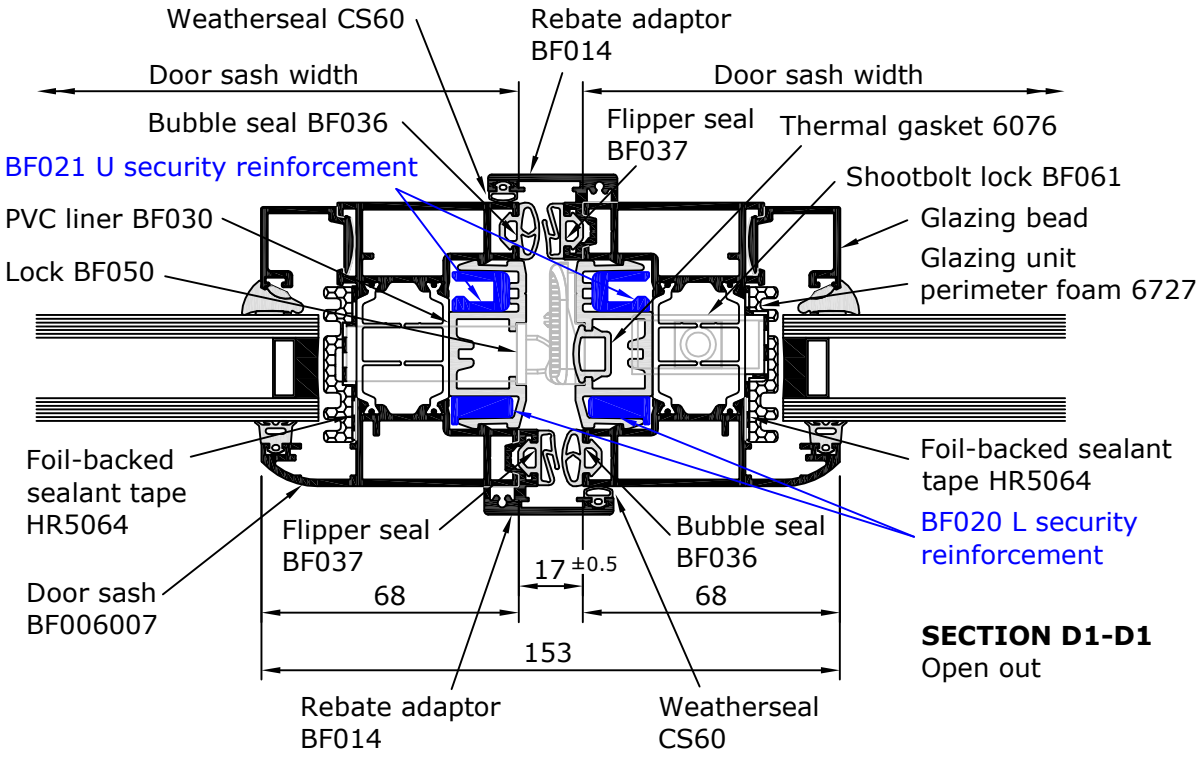
Scale 1:2

Meeting Stiles

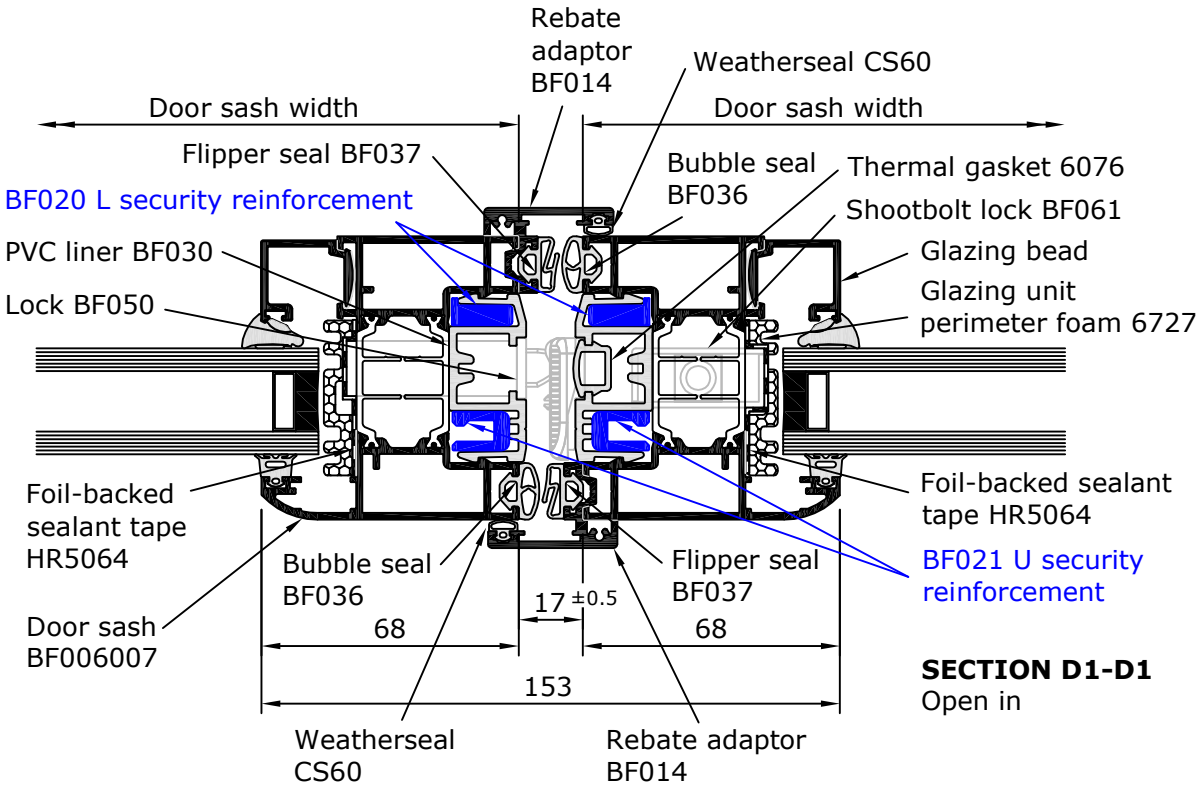
Items printed in blue are required in security applications only.

System 26 Hi+
BI-FOLDING DOOR

INSIDE



SECTION D1-D1
Open out



SECTION D1-D1
Open in

OUTSIDE

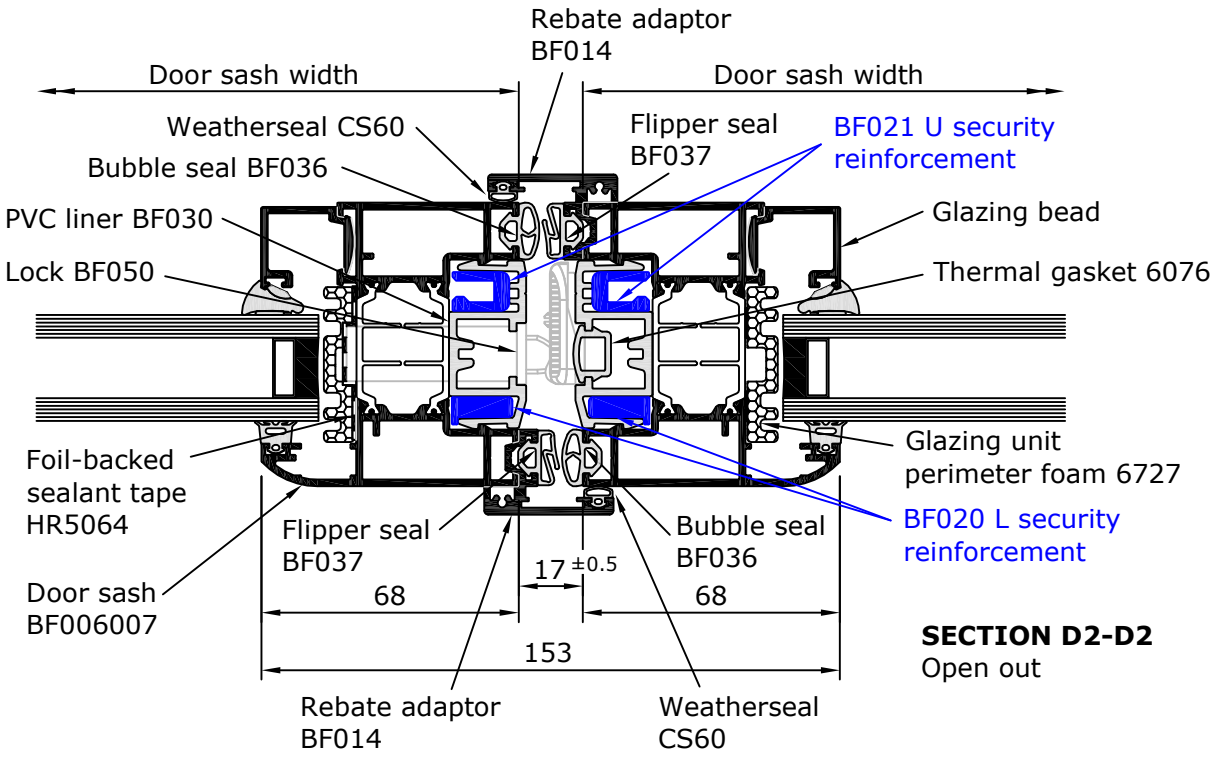
Scale 1:2

Meeting Stiles

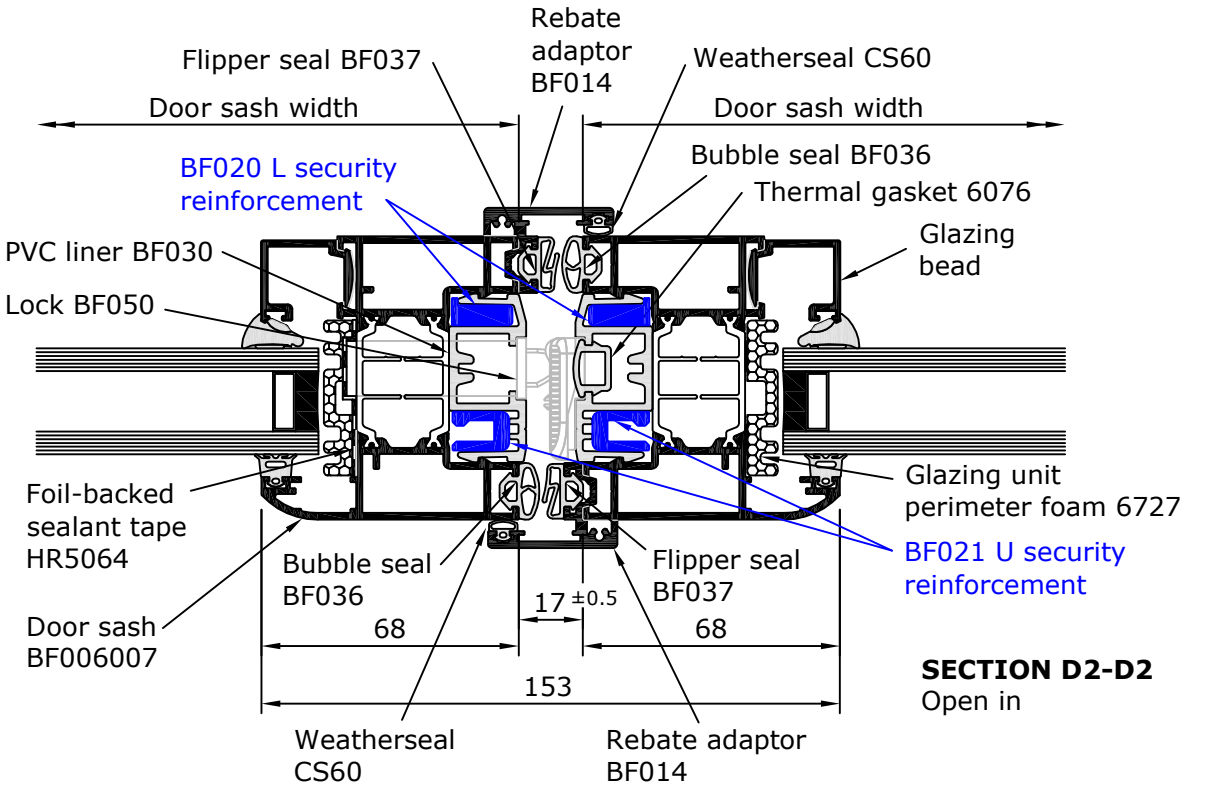
Items printed in blue are required in security applications only.

System 26 Hi+
BI-FOLDING DOOR

INSIDE



SECTION D2-D2
Open out



SECTION D2-D2
Open in

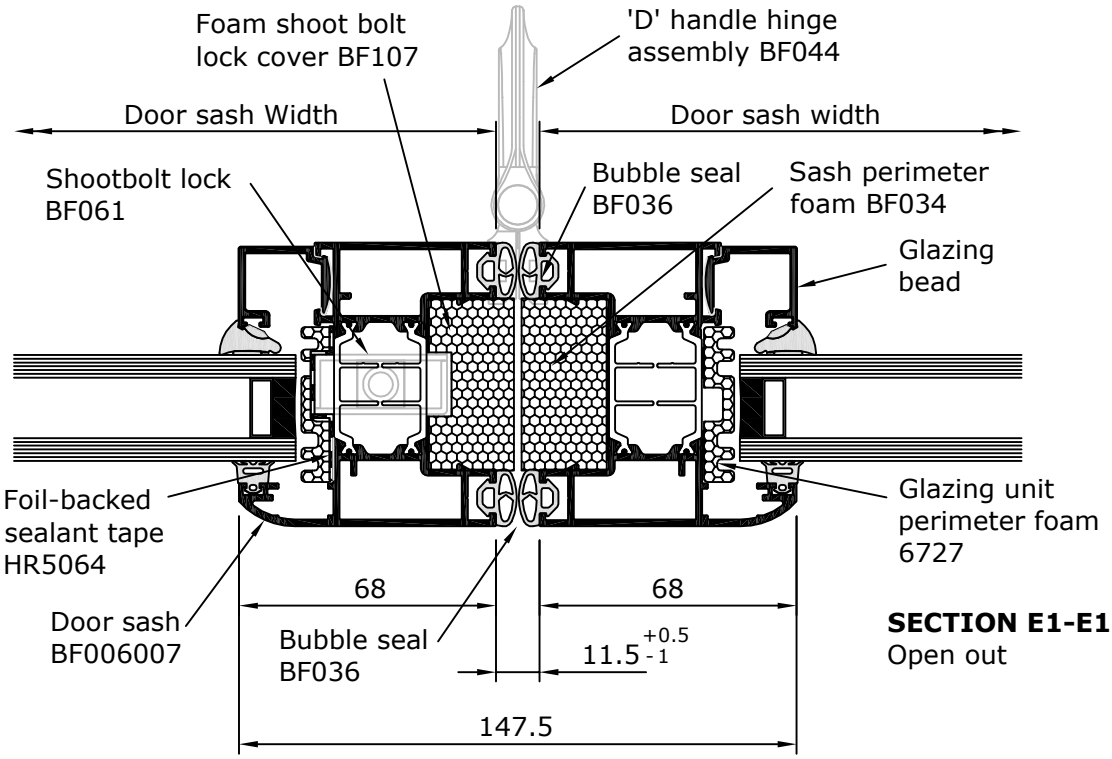
OUTSIDE

Scale 1:2

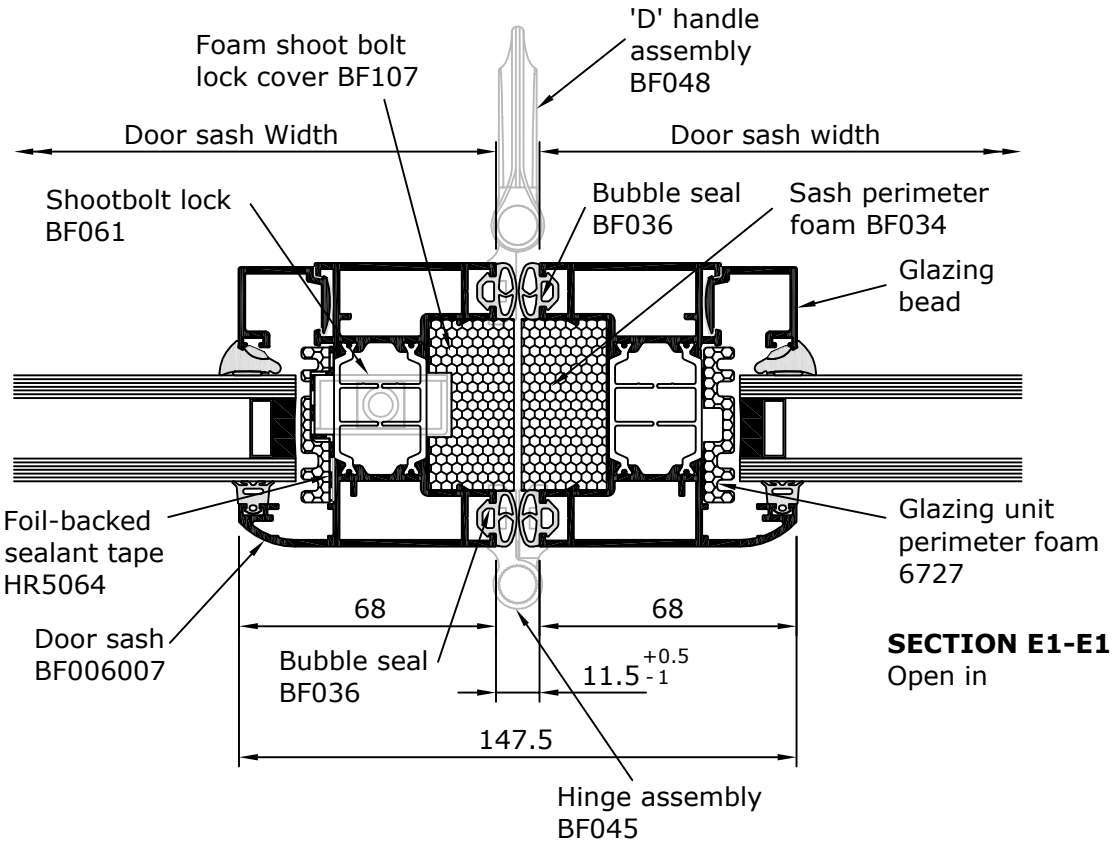
Meeting Stiles

System 26 Hi+
BI-FOLDING DOOR

INSIDE



SECTION E1-E1
Open out



SECTION E1-E1
Open in

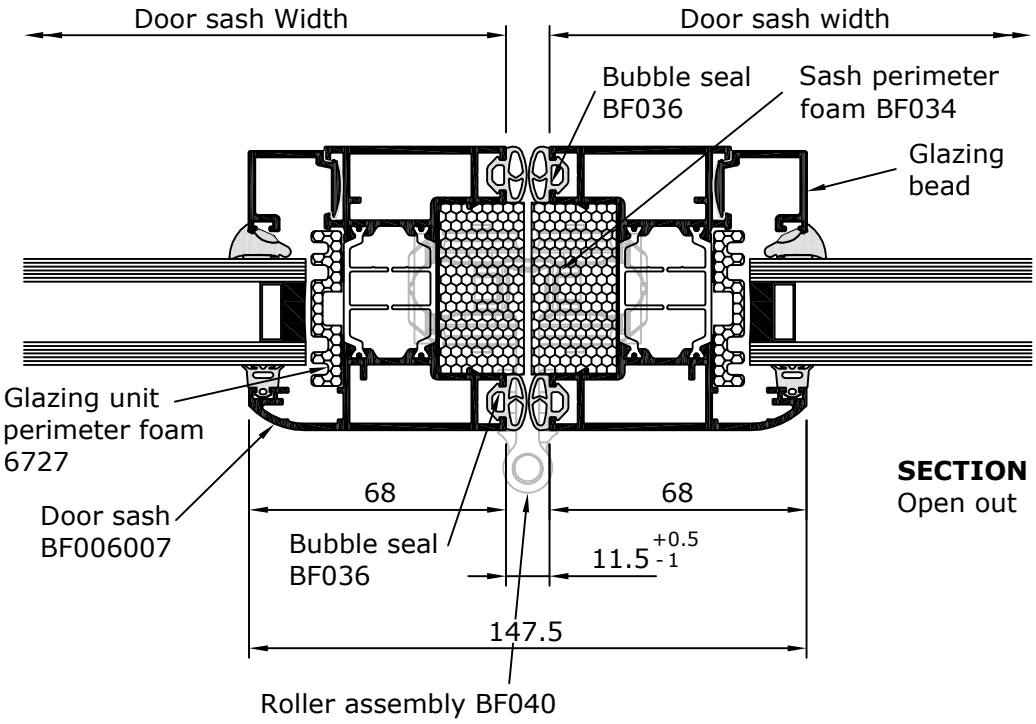
OUTSIDE

Scale 1:2

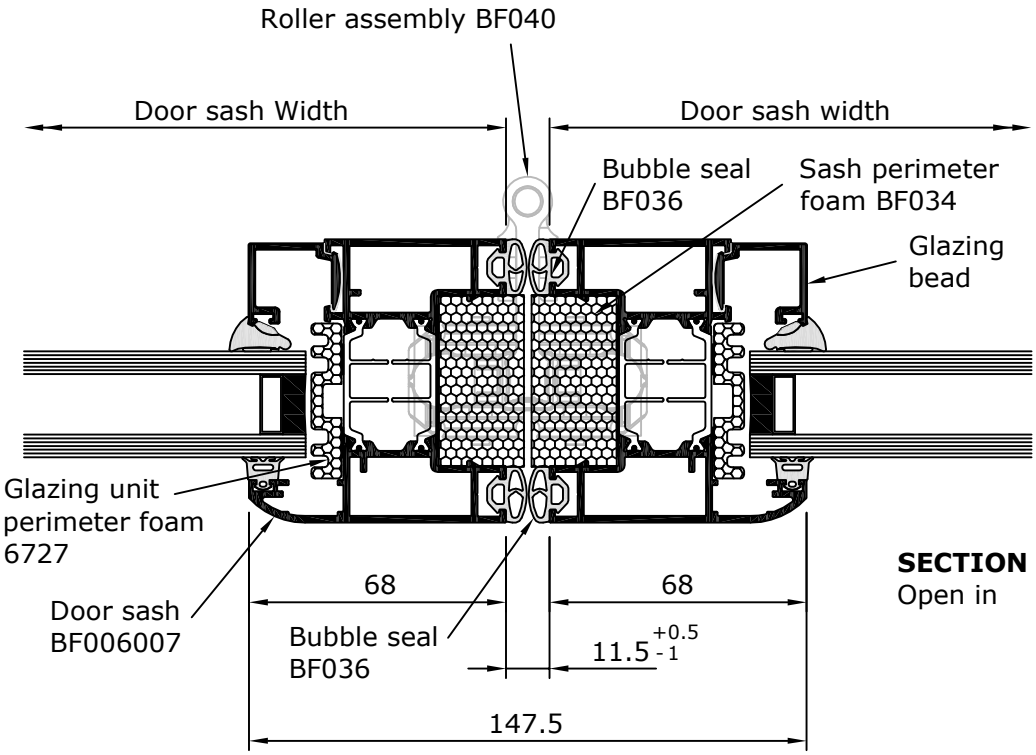
Meeting Stiles

System 26 Hi+
BI-FOLDING DOOR

INSIDE



SECTION E2-E2
Open out



SECTION E2-E2
Open in

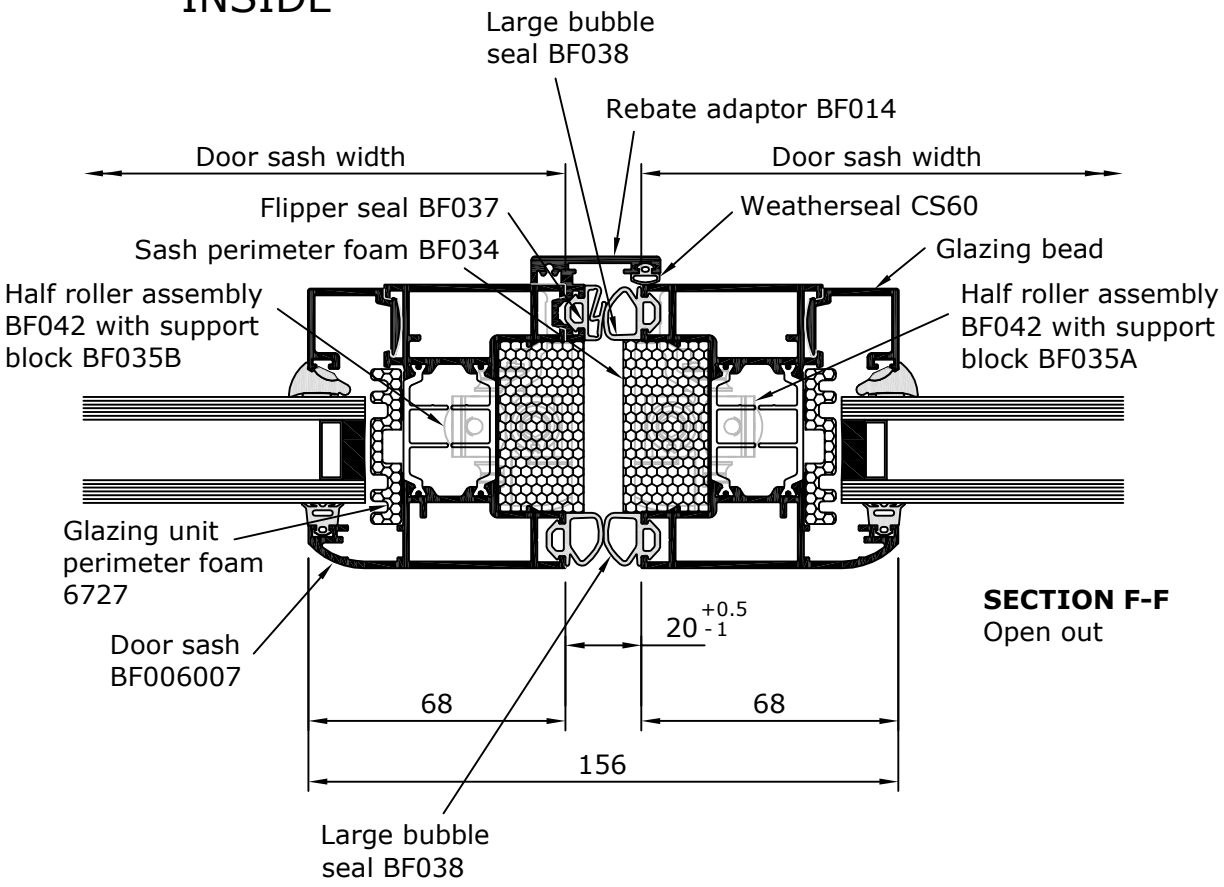
OUTSIDE

Scale 1:2

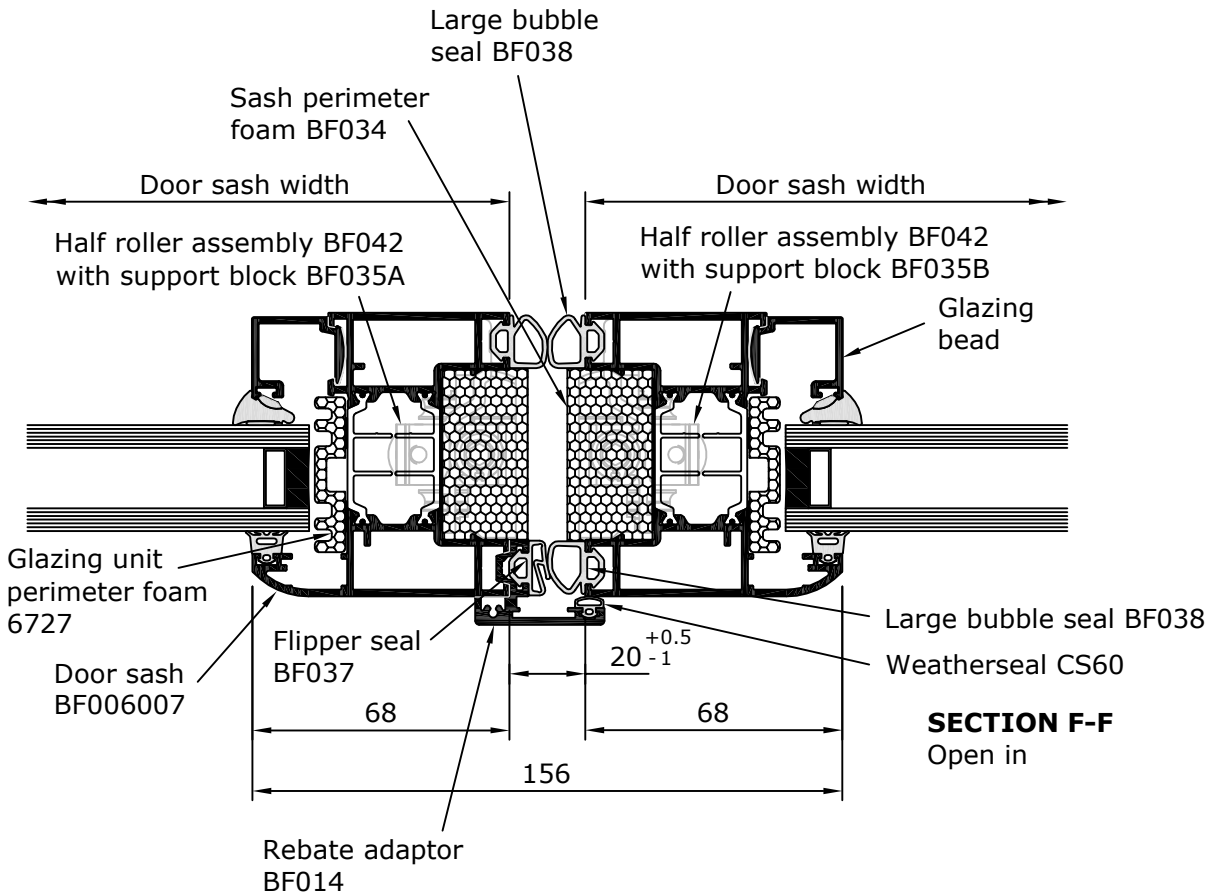
Meeting Stiles

System 26 Hi+
BI-FOLDING DOOR

INSIDE



SECTION F-F
Open out



SECTION F-F
Open in

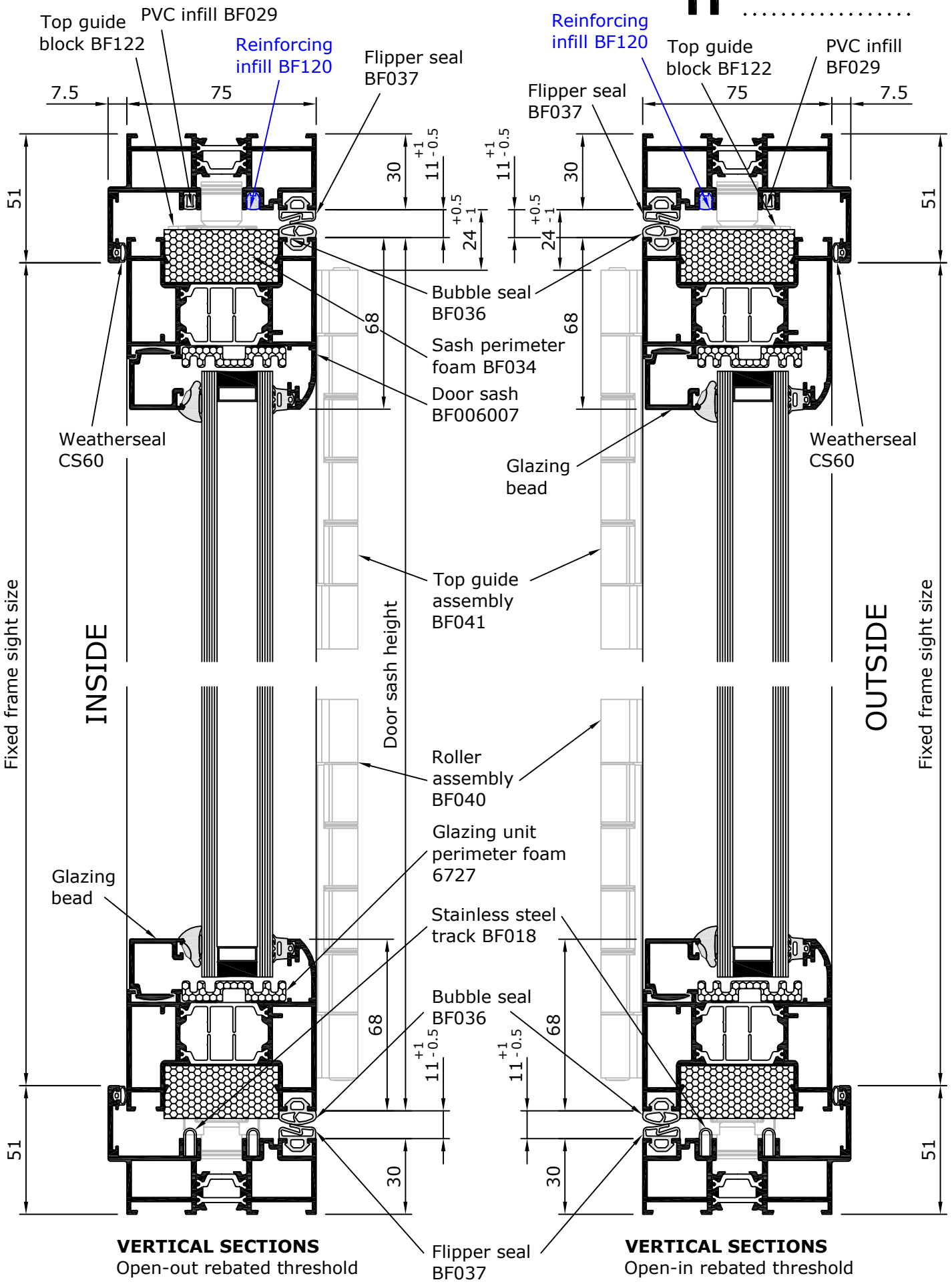
OUTSIDE

Scale 1:2

Rebated Head and Threshold

Items printed in blue are required in security applications only.

System 26 Hi+
BI-FOLDING DOOR



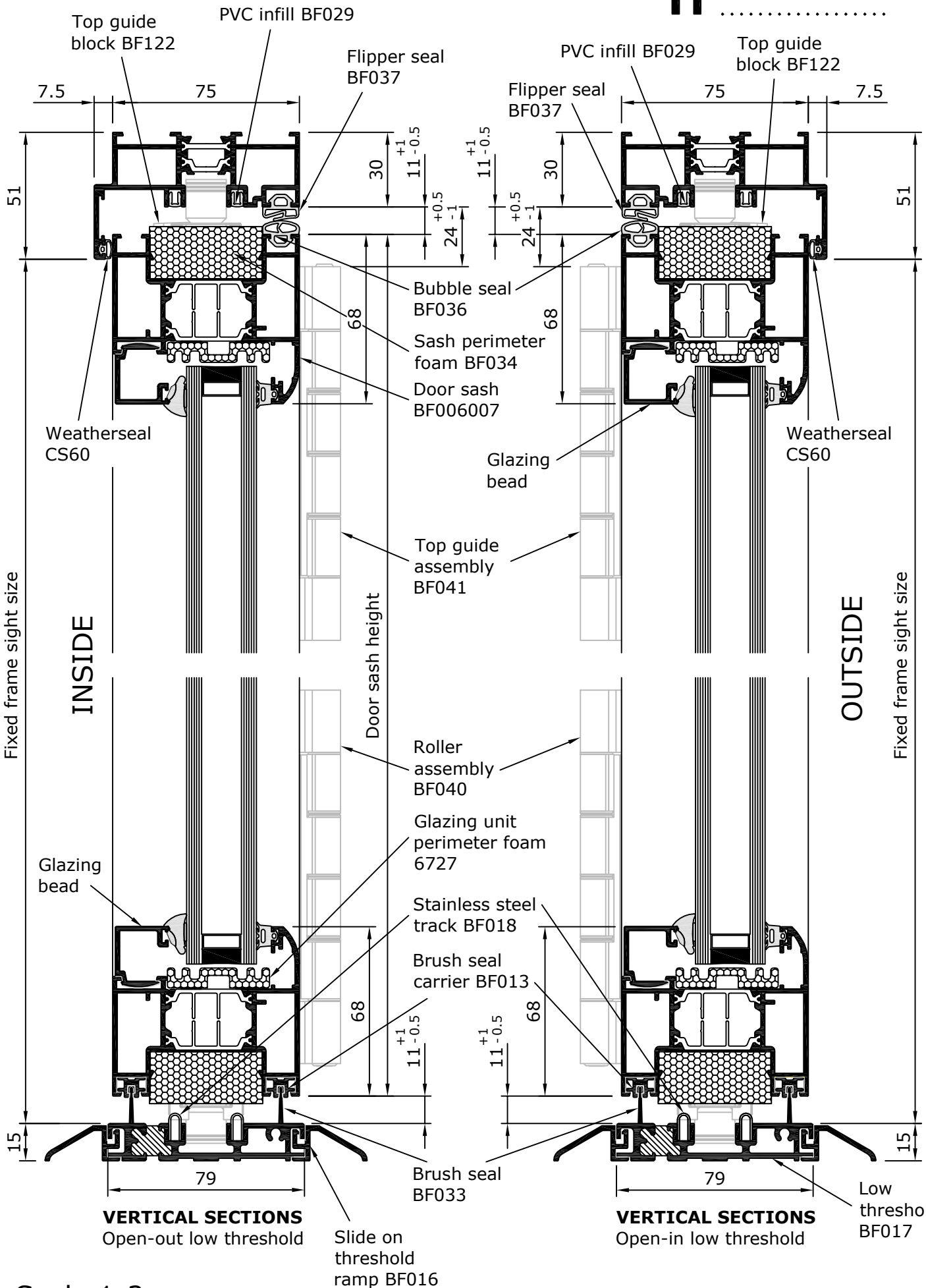
VERTICAL SECTIONS
Open-out rebated threshold

VERTICAL SECTIONS
Open-in rebated threshold

Scale 1:2

Rebated Head and Low Threshold

System 26 Hi+
BI-FOLDING DOOR



VERTICAL SECTIONS
Open-out low threshold

VERTICAL SECTIONS
Open-in low threshold

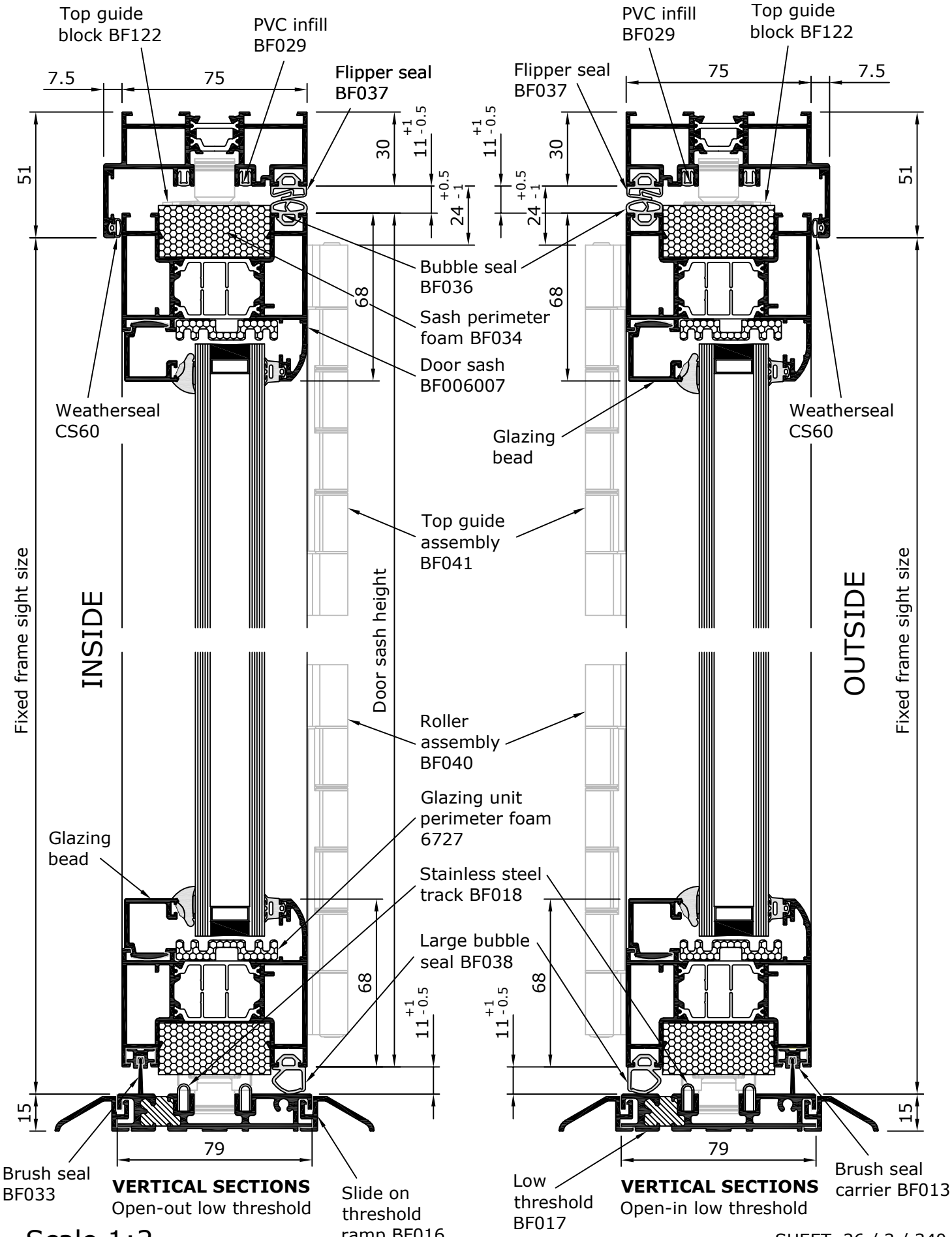
Scale 1:2

Rebated Head and Low Threshold

Owner-Occupied Domestic Applications Only

System 26 Hi+
BI-FOLDING DOOR

Not suitable for Types 2B, 4B, 4D and 6B.



VERTICAL SECTIONS
Open-out low threshold

VERTICAL SECTIONS
Open-in low threshold

Scale 1:2

Coupling Mullions

System 26 Hi+
BI-FOLDING DOOR

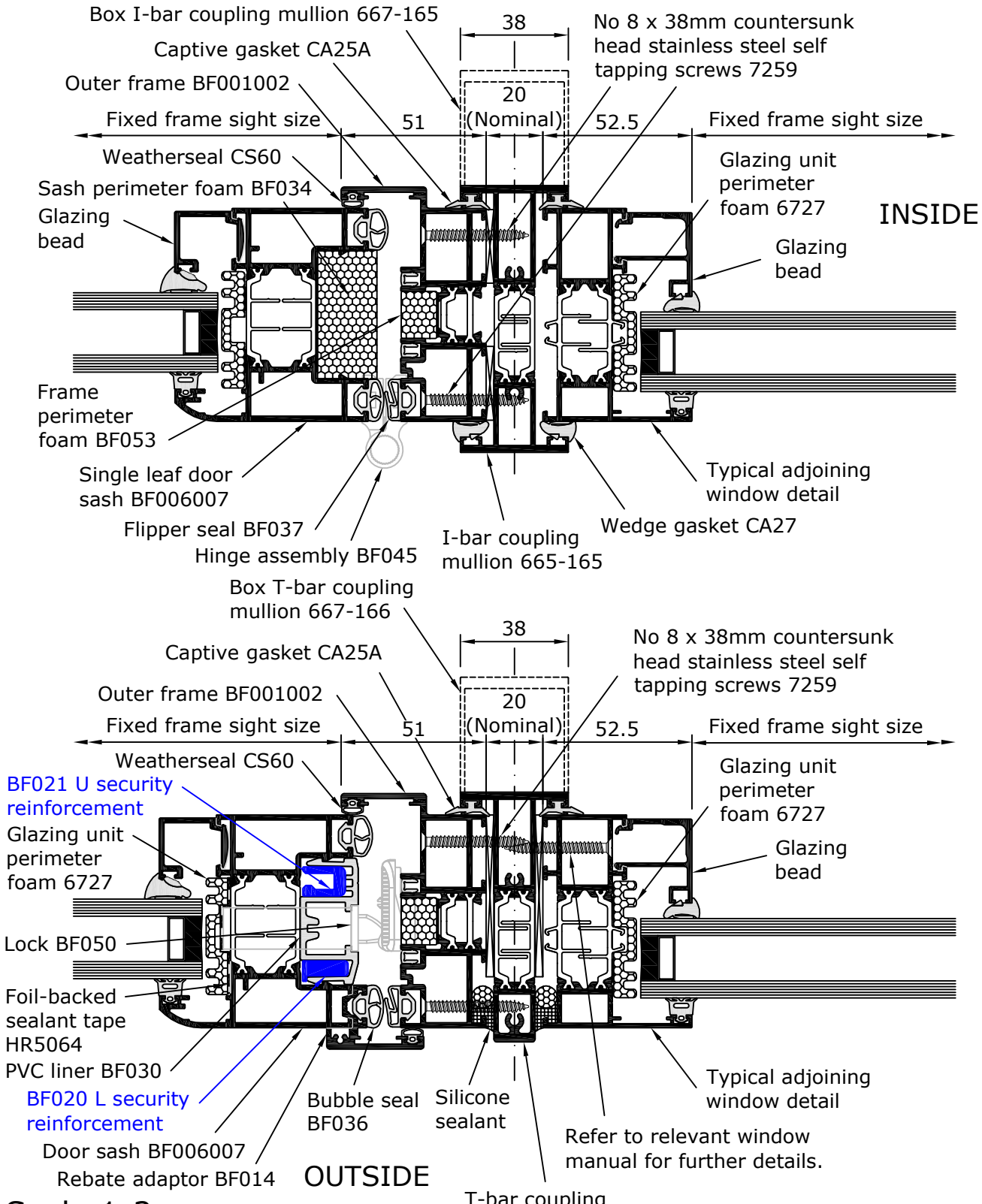
These profiles were not intended for use as coupling transoms. The fabricator must ensure that the door design and coupling details can adequately accommodate the anticipated expansion and contraction required for the door configuration. For further advice please contact Metal Technology's Technical Department.

Doors to be screw fixed to coupling mullions with fixing centres as per "Typical Direct Fixing Detail" sheets.

Metal Technology do not recommend stacking doors off a coupling mullion without prior approval from a structural engineer.

Items printed in blue are required in security applications only.

OPEN OUT DOOR COUPLED TO WINDOW



Scale 1:2

Coupling Mullions

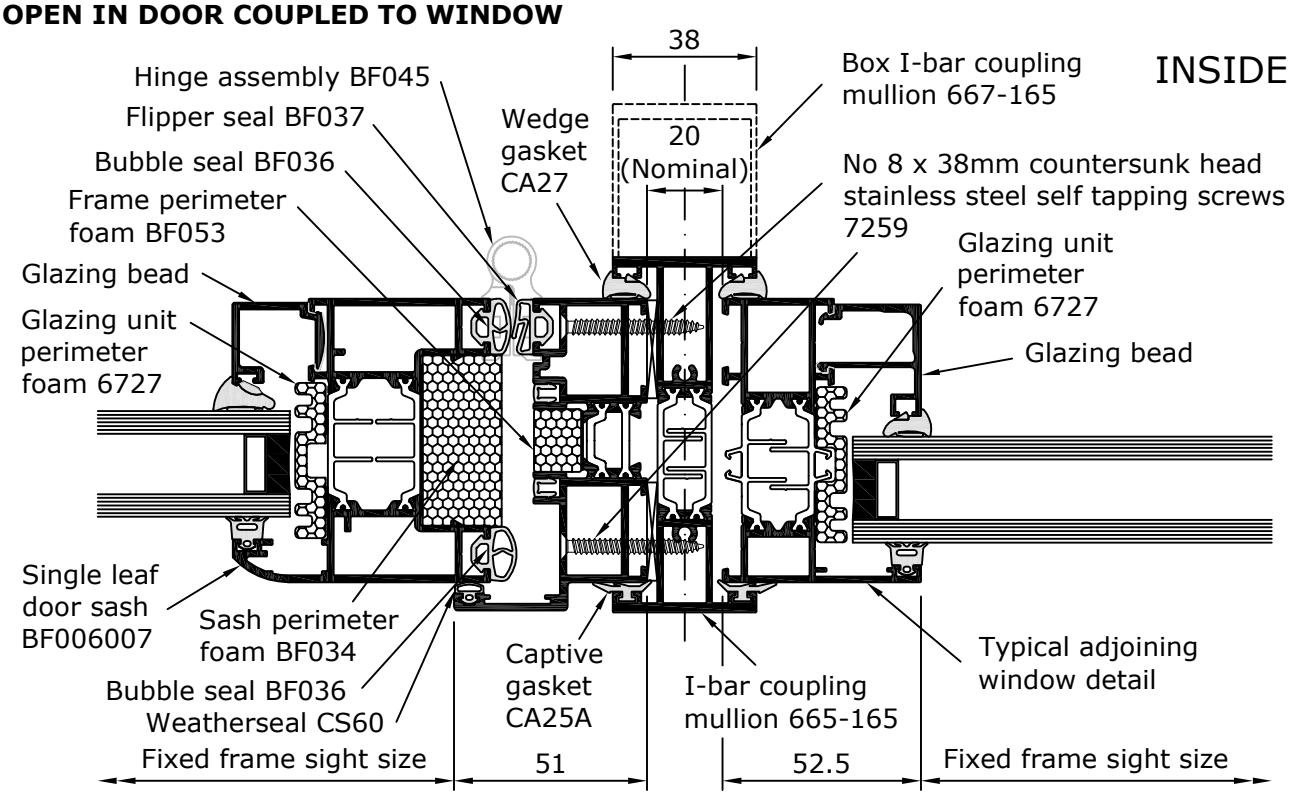
These profiles were not intended for use as coupling transoms. The fabricator must ensure that the door design and coupling details can adequately accommodate the anticipated expansion and contraction required for the door configuration. For further advice please contact Metal Technology's Technical Department.

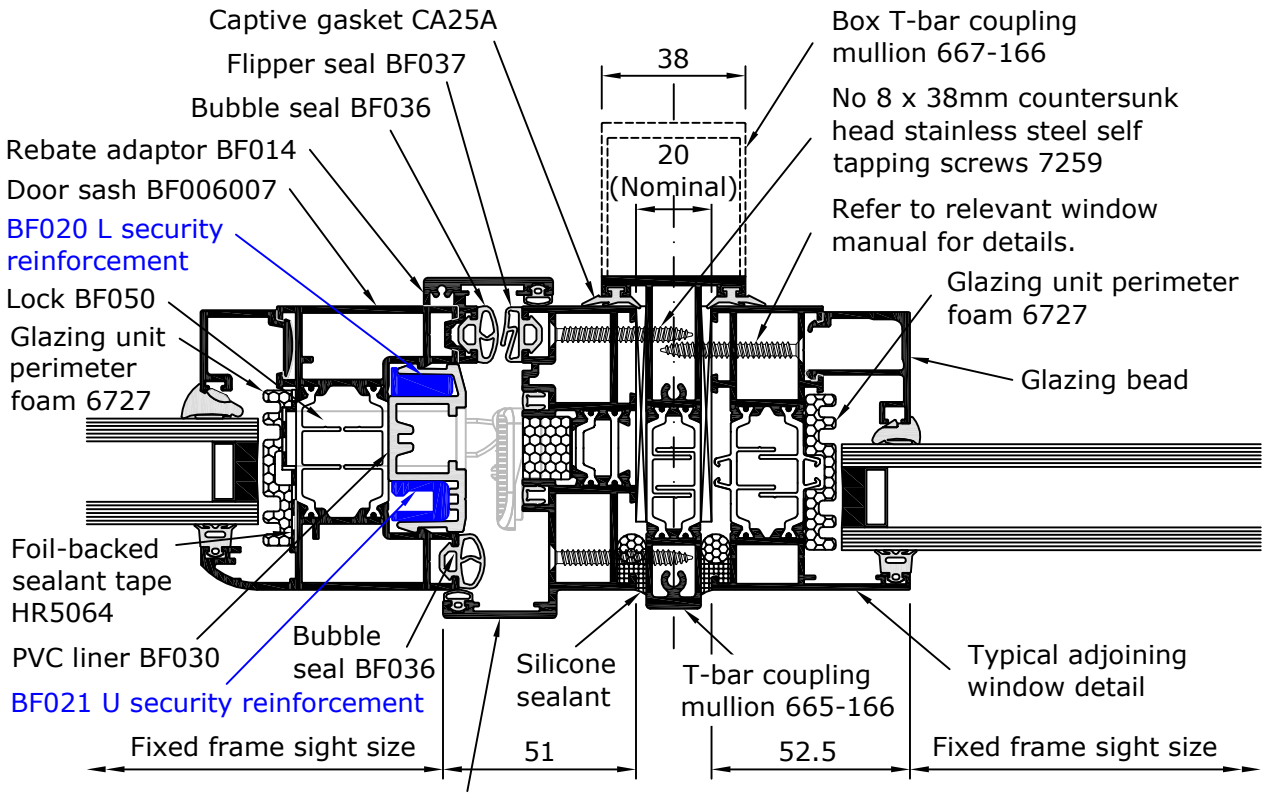
Doors to be screw fixed to coupling mullions with fixing centres as per "Typical Direct Fixing Detail" sheets.

Metal Technology do not recommend stacking doors off a coupling mullion without prior approval from a structural engineer.

Items printed in blue are required in security applications only.

OPEN IN DOOR COUPLED TO WINDOW





Scale 1:2

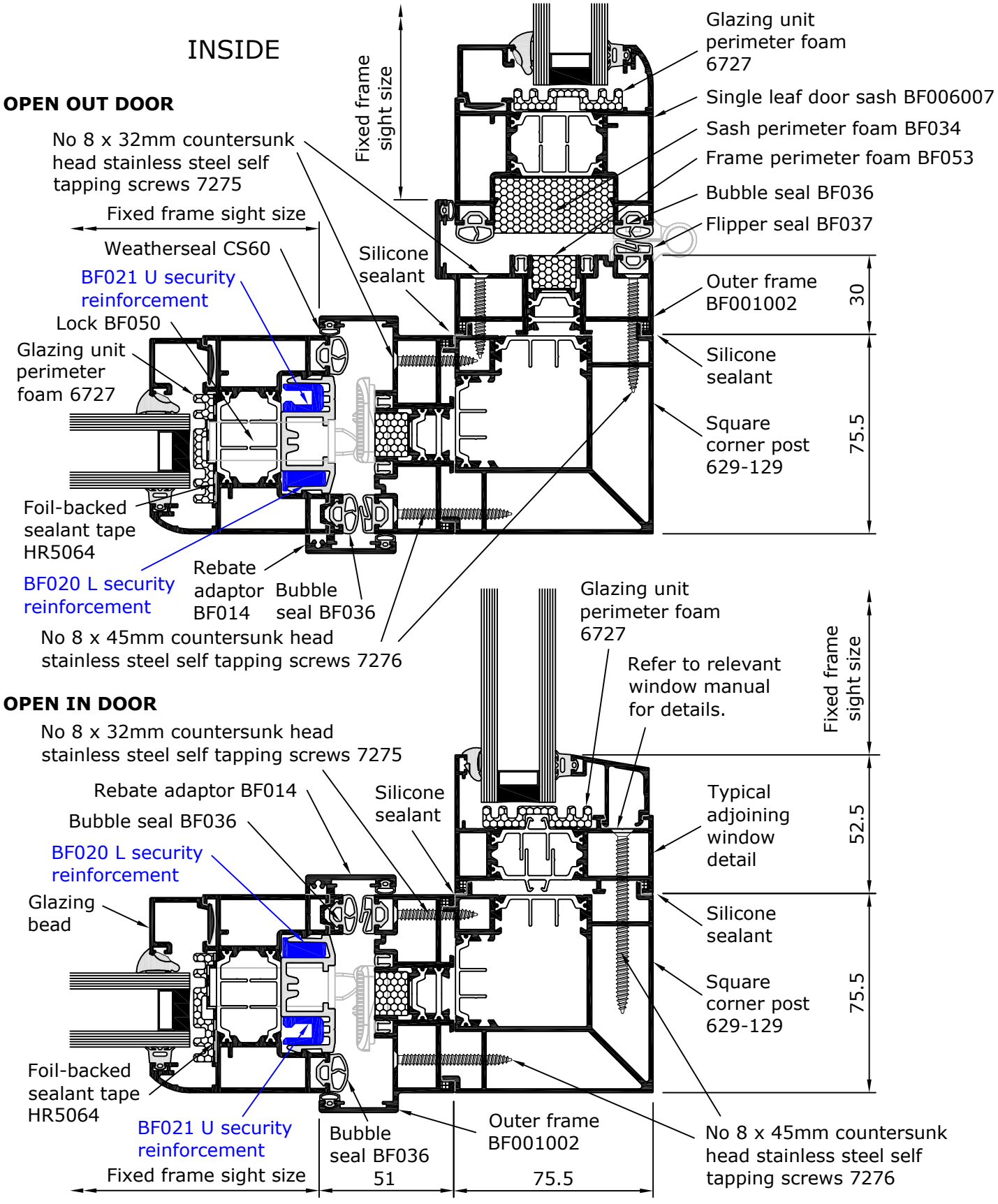
90° Corner Post

System 26 Hi+
BI-FOLDING DOOR

Metal Technology do not recommend stacking doors off a corner post without prior approval from a structural engineer. Square corner post 629-129 may be used for internal and external corner applications. To avoid clashes when opening, consideration should be given to structural support and the opening direction of doors.

Doors to be screw fixed to square corner post with fixing centres as per "Typical Direct Fixing Detail" sheets.

Items printed in blue are required in security applications only.

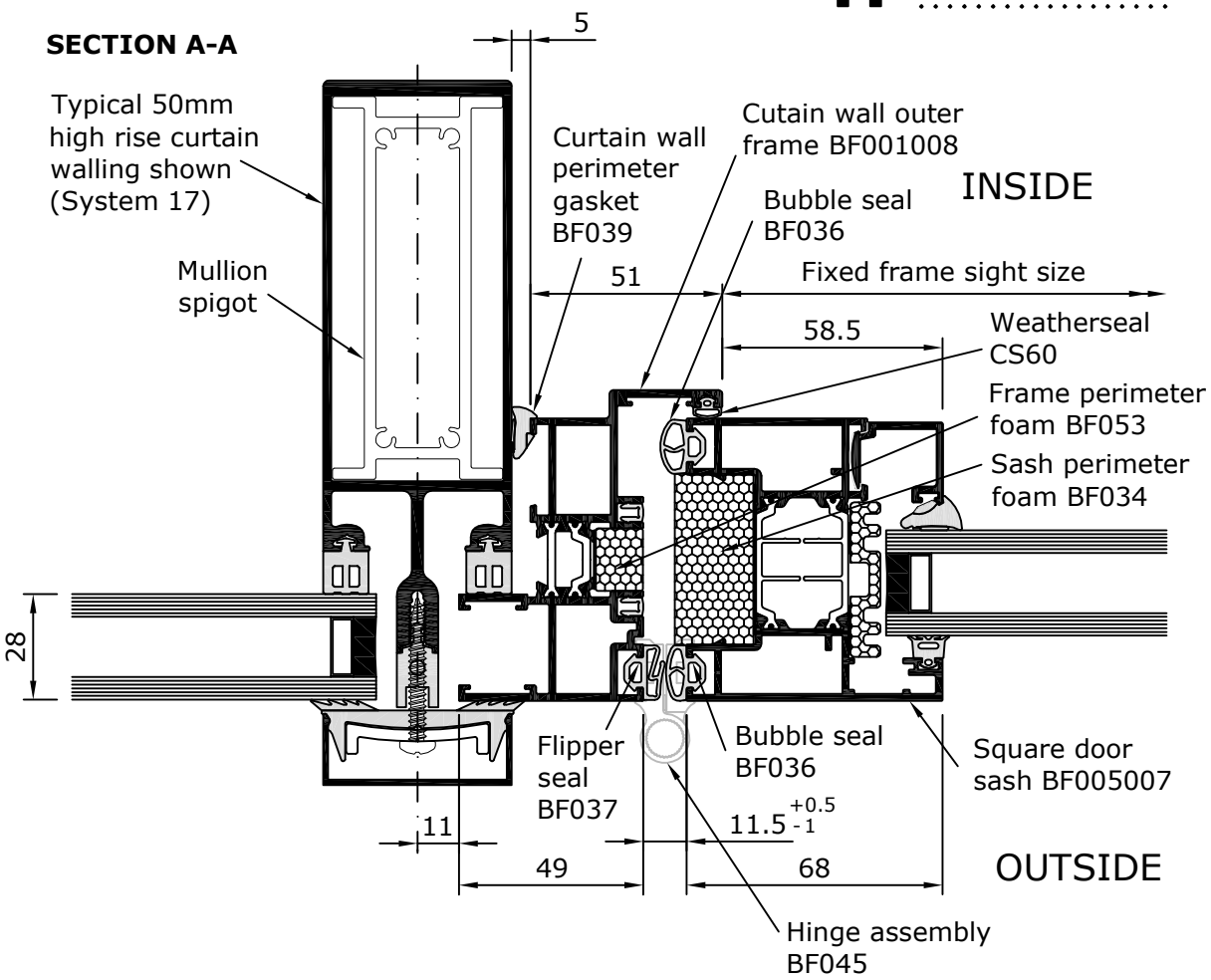


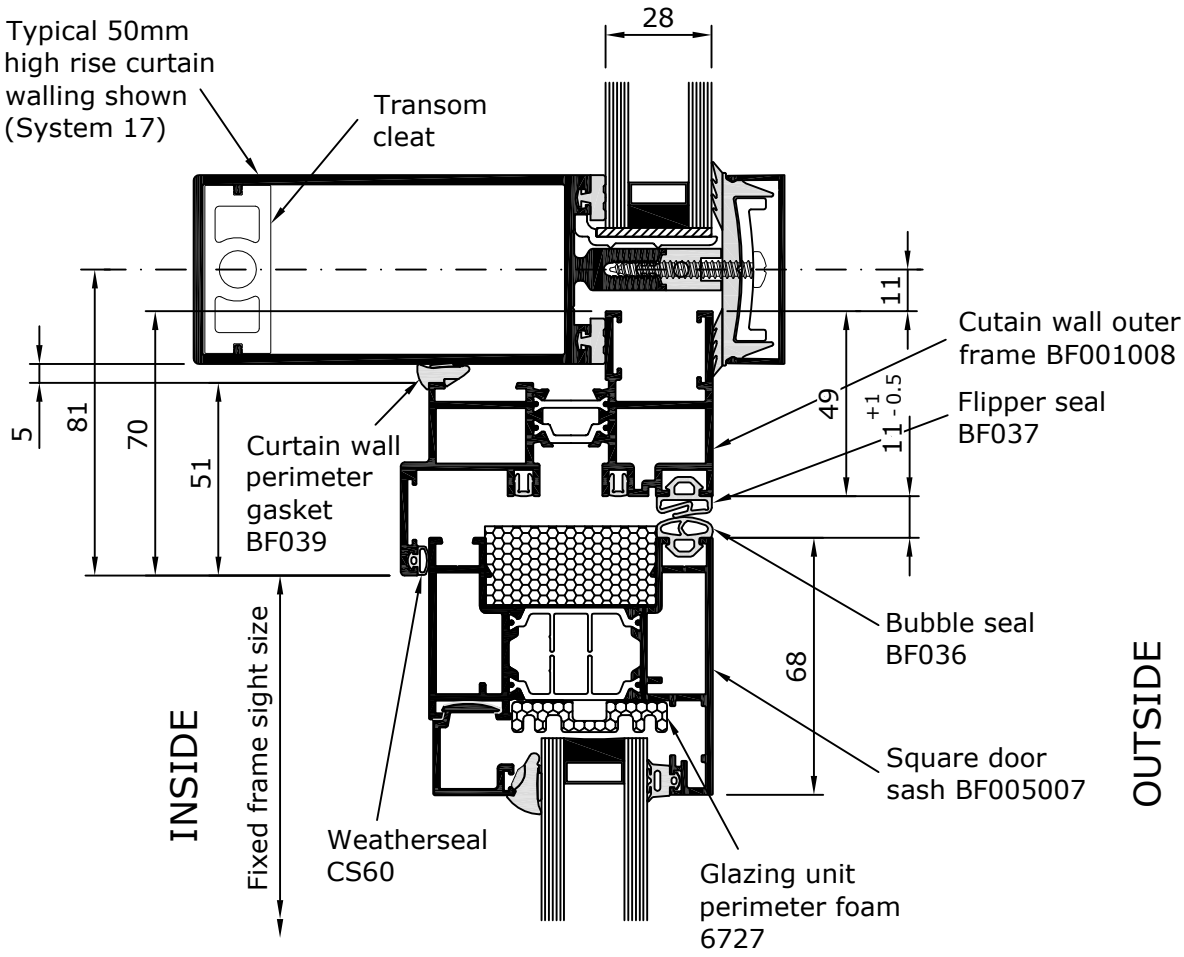
Scale 1:2

Curtain Wall Insert Open-Out

System 26 Hi+
BI-FOLDING DOOR

SECTION A-A



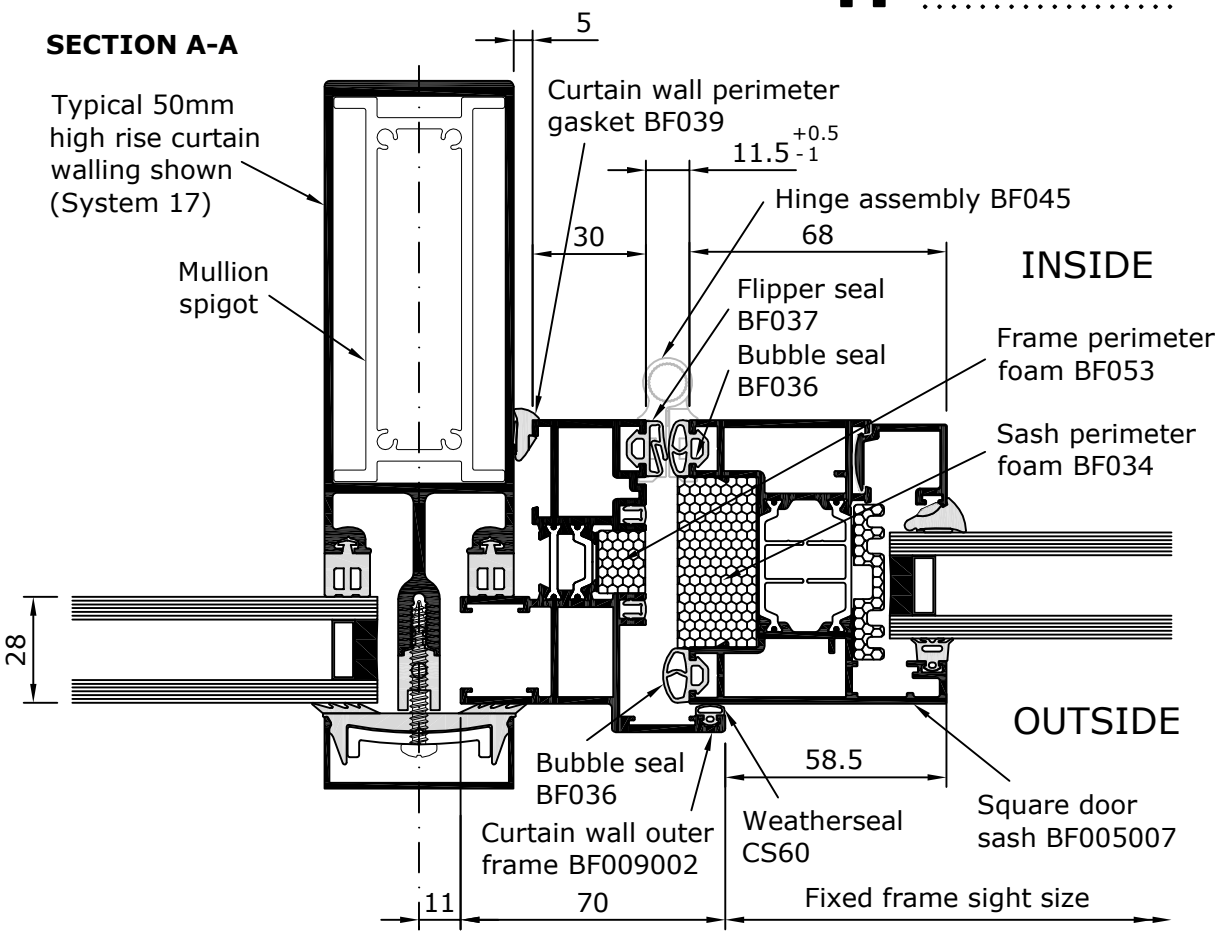


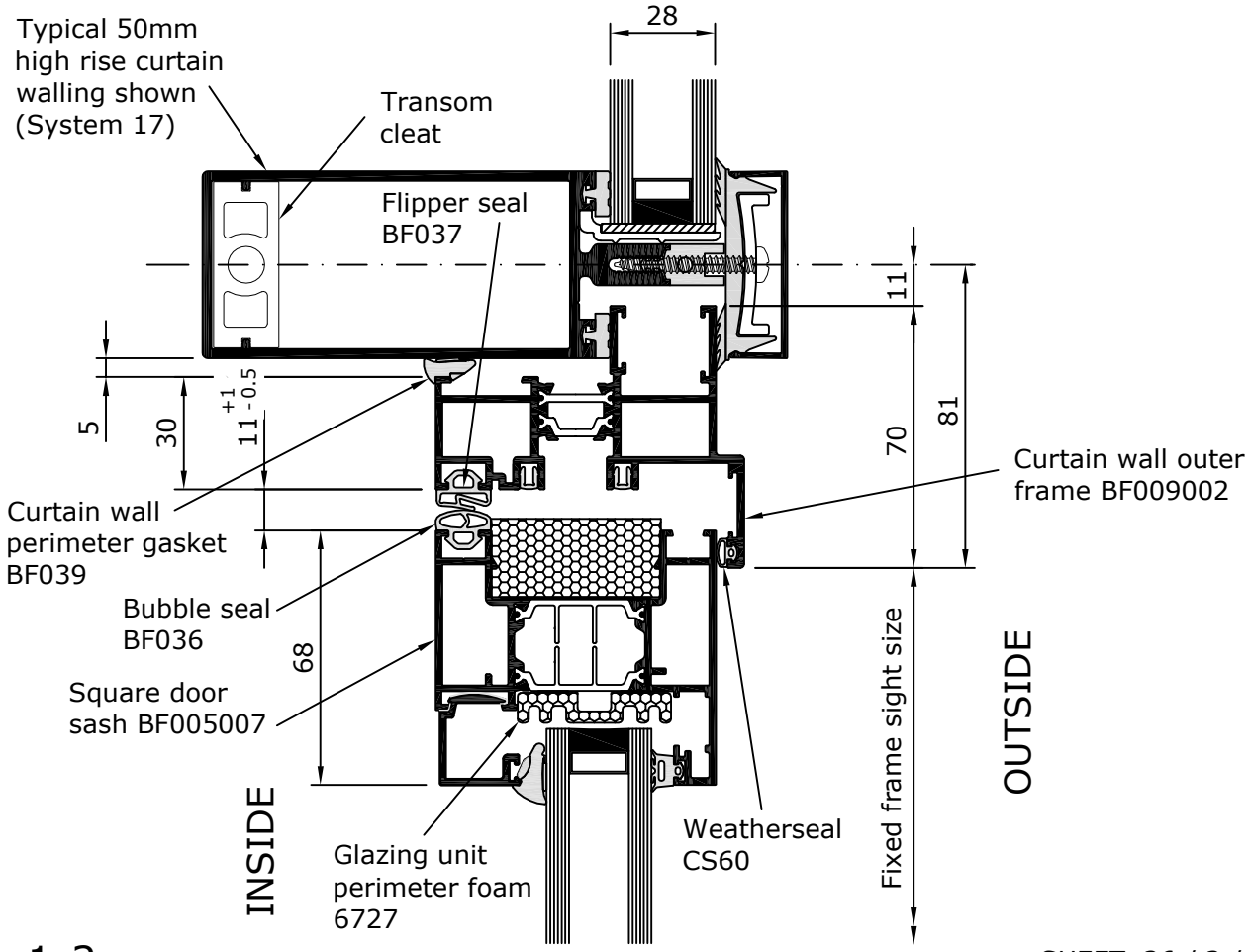
Scale 1:2

Curtain Wall Insert Open-In

System 26 Hi+
BI-FOLDING DOOR

SECTION A-A





Scale 1:2

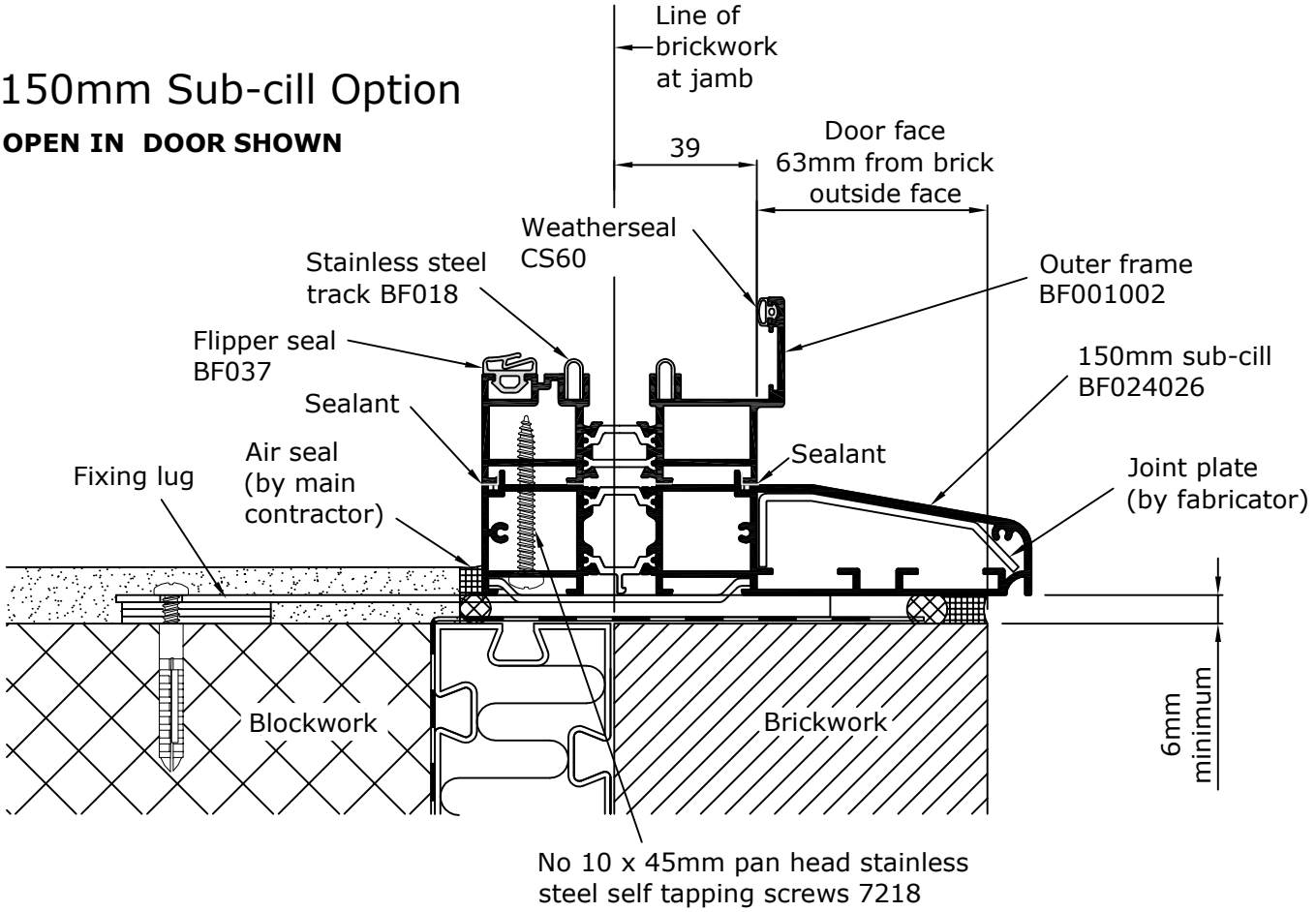
Cill Options

System 26 Hi/Hi+
BI-FOLDING DOOR

Only suitable for use with BF001002 outer frame. Not suitable for use with coupling mullions.
Sub-cill to be screw fixed to outer frame with fixing centres as per "Typical Direct Fixing Detail" sheets.

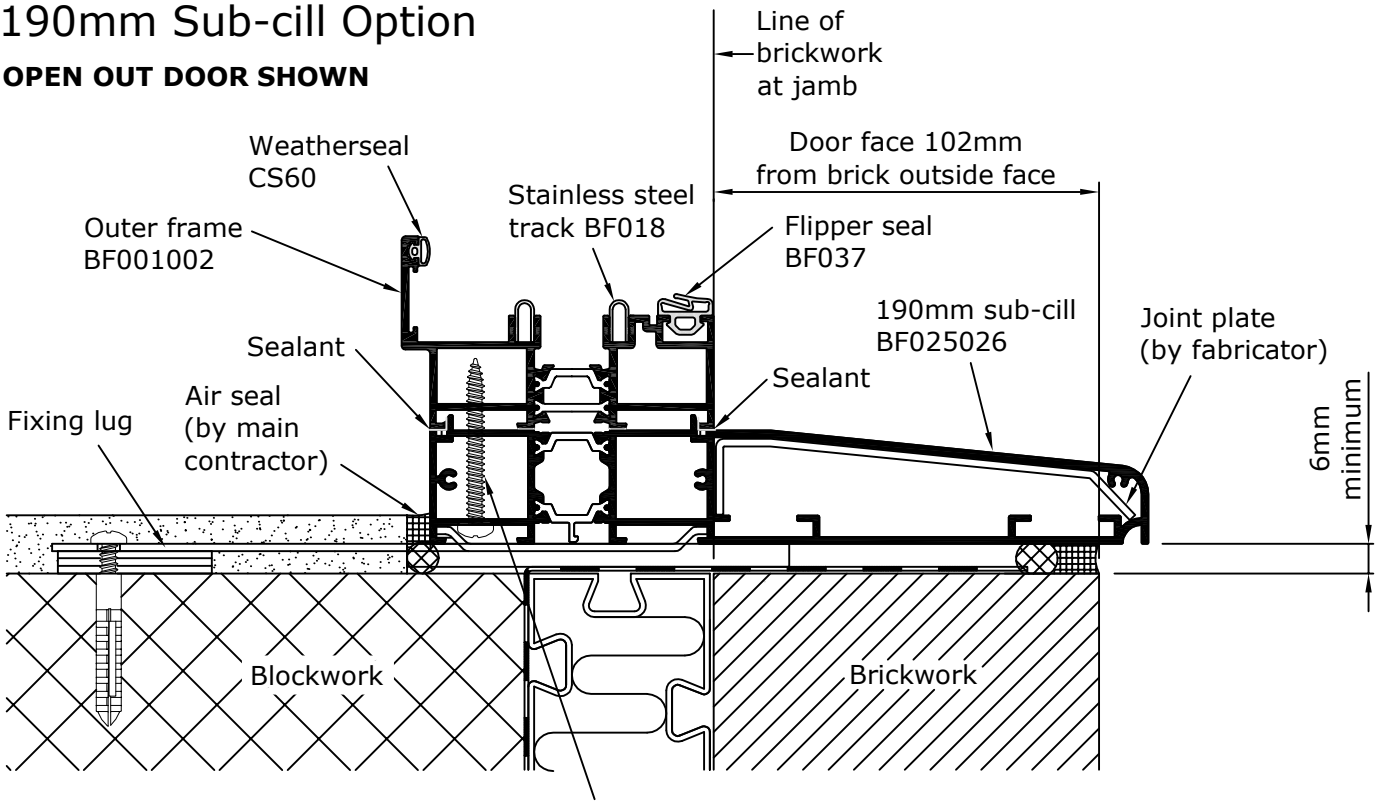
150mm Sub-cill Option

OPEN IN DOOR SHOWN



190mm Sub-cill Option

OPEN OUT DOOR SHOWN



Scale 1:2

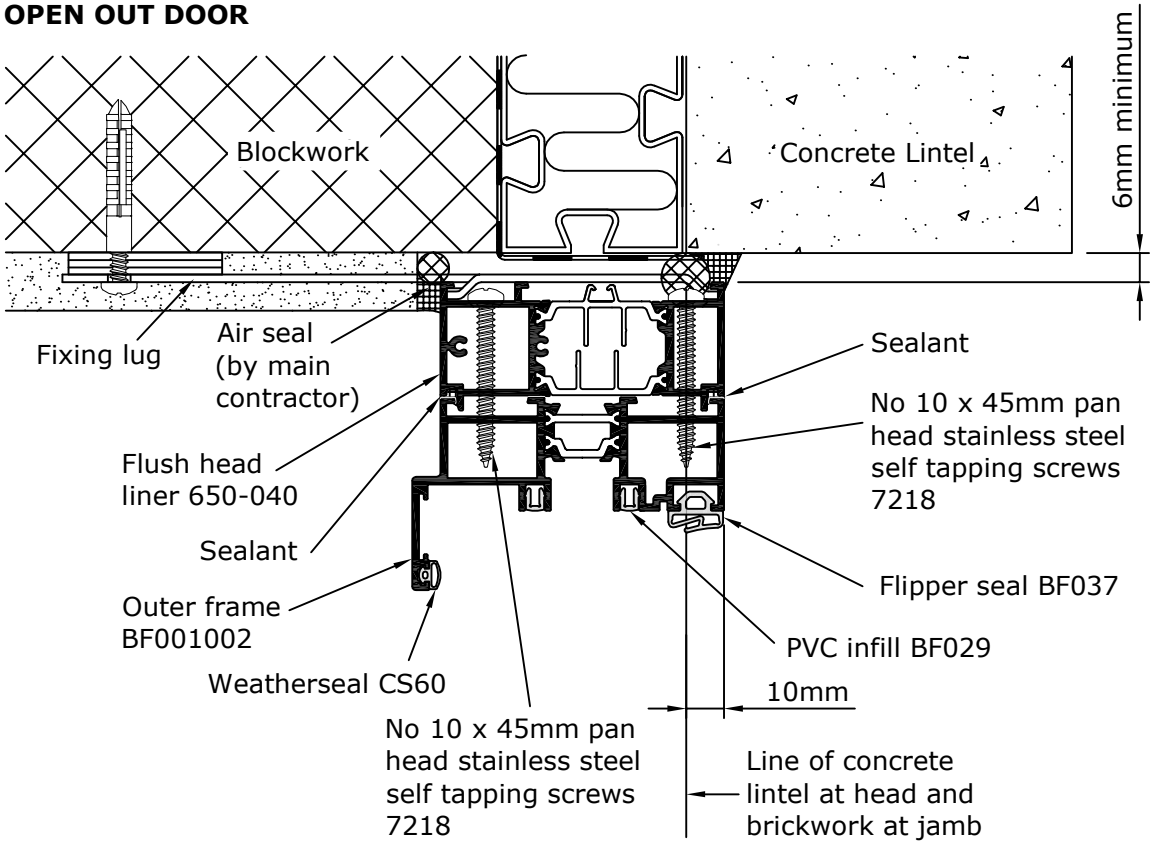
Head Liner

System 26 Hi/Hi+
BI-FOLDING DOOR

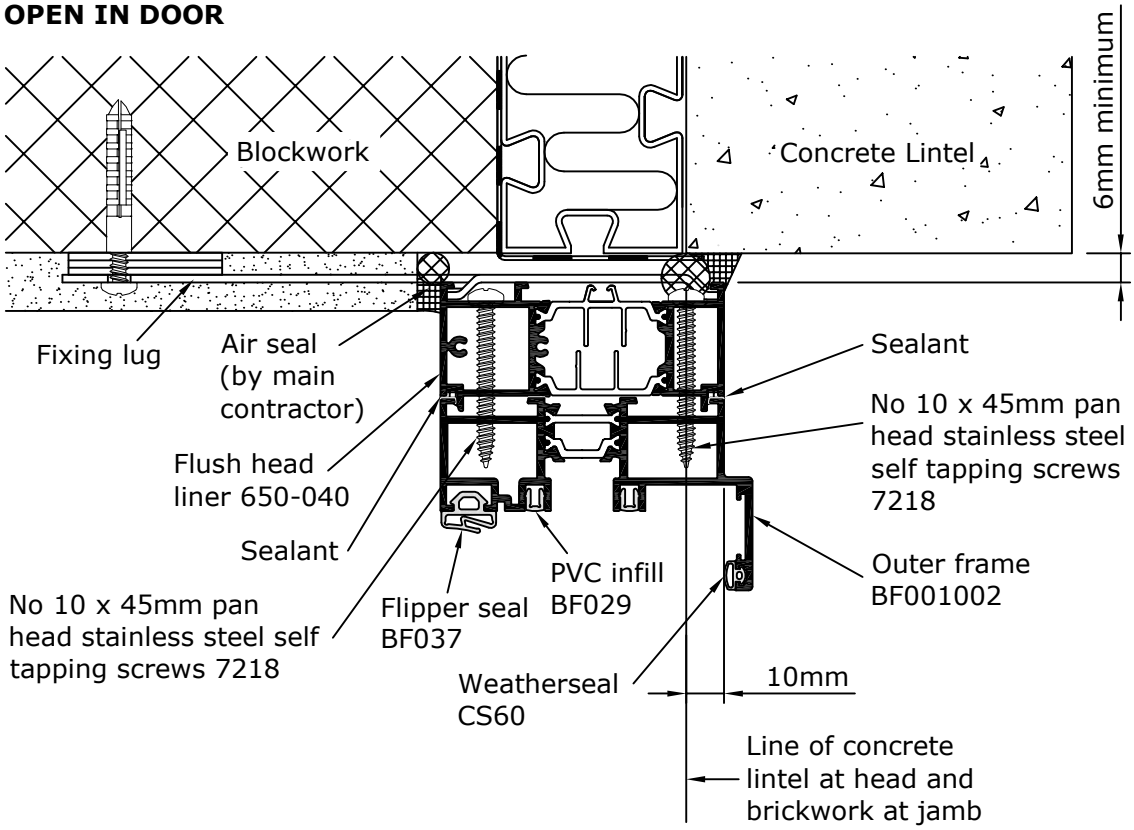
Only suitable for use with BF001002 outer frame. Not suitable for use with coupling mullions.

Head liner to be screw fixed to outer frame with fixing centres as per "Typical Direct Fixing Detail" sheets.

OPEN OUT DOOR



OPEN IN DOOR



Scale 1:2

General Cautionary Notes

Sheets labelled Hi/Hi+ are applicable to both variations of the
Where the details have no impact on the thermal gaskets/foams, these have been omitted for clarity. Where sheets refer to Hi or Hi+ only, details shown apply accordingly.

Low thresholds are primarily intended to facilitate access and egress in ground floor applications, and are designed to comply with the current building regulations for disabled access. The low threshold incorporates a concealed drainage facility. However, in owner-occupied domestic applications only performance may be further improved by the use of an alternative gasketted detail.

Where doors are required above ground floor level or in exposed locations weathering usually becomes the primary concern, with disabled access often no longer applicable. In such applications Metal Technology recommends using fully rebated doors due to their enhanced weathering performance. Fully rebated doors do not provide disabled access.

Performance test data is available from Metal Technology's Technical Department upon request.

BF018 track is manufactured from stainless steel and therefore should not be cut to size with the same saw blade as used for cutting aluminium.

When considering door configurations fabricators should look at each application in relation to the sections used and the ironmongery required in order to determine compatibility. Similar consideration should be given to the door perimeter and structural interface details. (i.e. that there is sufficient depth of section to accommodate the internal/external finishes and drainage details). Metal Technology recommend that each application is drawn out with all structure, ironmongery and fixing details applied in order to determine compatibility. Customers must also select the appropriate combination of lock, handle, cylinder and other ironmongery requirements to suit their project specific access and egress needs.

If trickle ventilation is required Metal Technology recommend using an "over glass" trickle vent (not provided by MT). Fabricator to ensure that the internal and external hoods/drip bars of their selected trickle vent do not clash with the door sash/glass when doors are moved to their open position.

Fabricators and installers should be aware that the height of the structural opening may vary due to settlement of the lintel. Therefore the height of the doors should be manufactured to the lowest point, with added clearance to facilitate silicone pointing. In new build situations the lintel may continue to deflect over a period of time. Should the lintel settle, this will cause the outer frame to bow and may cause the doors to jam. Additional clearance should be incorporated between the outer frame and the structural opening at the head so that the outer frame can be re-adjusted retrospectively if required.

Fabricators should ensure that the end user is fully aware that, where a pass door is hinged off a folding sash, the pass door must be fully opened to its 180° position and retained on the magnetic catch prior to releasing the adjacent shoot bolt mechanism and sliding the sashes to the fully opened position. Metal Technology provide operational sticker BF066 that should be applied in a prominent position to the pass door unit when glazing. The end user should also be made aware that the magnetic catch is not designed for hard impact or permanent retention. When using 7123 half euro cylinder with BF057 locking shoot bolt handle, fabricators should ensure that the end user is instructed not to leave the key in the cylinder when folding/stacking doors, as the key will clash with the adjacent profile causing damage to the key and/or profile. Metal Technology provide self-adhesive label BF102 that should be applied in a prominent position to the glass adjacent to the BF057 locking shoot bolt handle to advise end users accordingly.

Fabricators must ensure all areas adjacent to ironmongery are free of aluminium debris/swarf/shavings. Any such debris could potentially result in mechanical issues with the operation of the ironmongery .

Fabricator must ensure that all ironmongery is fitted, lubricated and maintained in strict accordance with manufacturers recommendations. For further details on specific ironmongery items please contact Metal Technology's Technical Department.

Fabricators should be aware that when working with large size doors the adherence to tight tolerances is critical in order to maintain adequate and equal gasket cover around the door. All fixings must be sealed in place using HR50328A. All fixings must be compatible with the materials into which they are fastened. i.e. when attaching into aluminium, austenitic stainless steel fixings are recommended. Fabricators must ensure that all adhesives, sealants and lubricants are fully compatible with the materials and finish they are to be in contact with. Metal Technology recommend that fabricators sample all proposed adhesives and sealants to ensure compatibility on a project-by-project basis. Frame should be set aside after gluing to allow glue to harden.

Ironmongery

Items printed in blue are required in security applications only.

Handles

Metal Technology offers the following handles:

Reference	Colour	Description	Unit
BF052	Silver chrome, bright chrome, black, white	Lever / lever handles	Pair
BF057	Bright chrome, black, satin, white	Locking shoot bolt handle	Each
BF058	Bright chrome, black, satin, white	Non lock shoot bolt handle	Each
BF067	Bright chrome, black, satin, white	Rebate adaptor locking shoot bolt handle	Each
BF068	Bright chrome, black, satin, white	Rebate adaptor non lock shoot bolt handle	Each
BF118	Silver chrome, bright chrome, black, white	Security lever / lever handles	Pair

All handles come supplied with screws.
Other finishes may be available on request, subject to quantity.

Locks

Metal Technology offers the following locks:

Reference	Description	Unit	Keep
BF050	Multi-point dead lock with latch	Each	BF083A/B or BF084A/B, plus BF085 or BF086

Refer to kitting list for lock fixings.

Multi-point dead lock (BF050) : For use with rebated or low thresholds. Manually operated using lever handles. Lock incorporates two hook locks, a dead lock, a latch, and two compression keeps. Pull handle upwards to engage hook locks and dead bolt. Secure with key. To unlock door turn key and push handle down to disengage hook locks, dead bolt and latch. Therefore lever handles are required on both sides of the door. For further information refer to technical literature supplied at time of ordering, or upon request.

Lock Extension

Lock extension BF051 is required for sash heights over 2200mm.

Reference	Description	Unit	Keep
BF051	Lock extension	Each	BF089A/B or BF090A/B

Refer to kitting list for keep fixings.

Cylinders

Metal Technology offers the following cylinders:

Reference	Description	Unit
7123*	Key half euro cylinder (40mm)	Each
BF080	Key / thumbturn cylinder (open out)	Each
BF081	Key / key cylinder	Each
BF108	Key / thumbturn cylinder (open in)	Each
BF110	Security key / key cylinder (open in)	Each
BF111**	Security key / thumbturn cylinder (open out)	Each
BF112**	Security key / thumbturn cylinder (open in)	Each
BF119	Security key / key cylinder (open out)	Each

* This cylinder does not include fixing screw. Additional 1 x M5 x 30mm pan head screw 7243 also required.
** To engage thumbturn, push knob and hold while turning.

Items printed in blue are required in security applications only.

Shoot Bolts

Shoot bolts are manually operated using lock and threaded rods. For quantities see kitting lists.

Reference	Description	Unit
BF059	Shoot bolt set	Each
BF061	Shoot bolt lock	Each
BF062	Shoot bolt lock cover (Hi only)	Each
BF069/1200	Threaded rod at 1200mm	Each
BF069/1500	Threaded rod at 1500mm	Each
BF069/2000	Threaded rod at 2000mm	Each
BF100	Aluminium shoot bolt	Each
BF101	Black nylon block	Each
BF107	Foam shoot bolt lock cover (Hi+ only)	Each
BF116	Security shoot bolt guide	Each
BF117	Security shoot bolt	Each
BF120	Reinforcing infill	Each

Hinge, Roller and Guide Assemblies

For quantities see kitting lists. Hinge, rollers and guide assemblies are supplied complete with tapping blocks, adjustment shims and fixings.

Reference	Description	Unit
BF035	Support blocks	Pair
BF040	Roller assembly	Each
BF041	Top guide assembly	Each
BF042	Half roller assembly	Each
BF043	Half top guide assembly	Each
BF044	'D' handle hinge assembly, open out	Each
BF045	Hinge assembly	Each
BF048	'D' handle assembly	Each
BF120	Reinforcing infill	Each
BF122	Top guide block	Each

Tapping Blocks

Additional tapping blocks BF047 are available for the hinges, rollers, and guide assemblies should they be required.

Adjustment shims

Additional adjustment shims BF046 (available in sheets of 100) are available for the hinges, rollers, and guide assemblies should they be required.

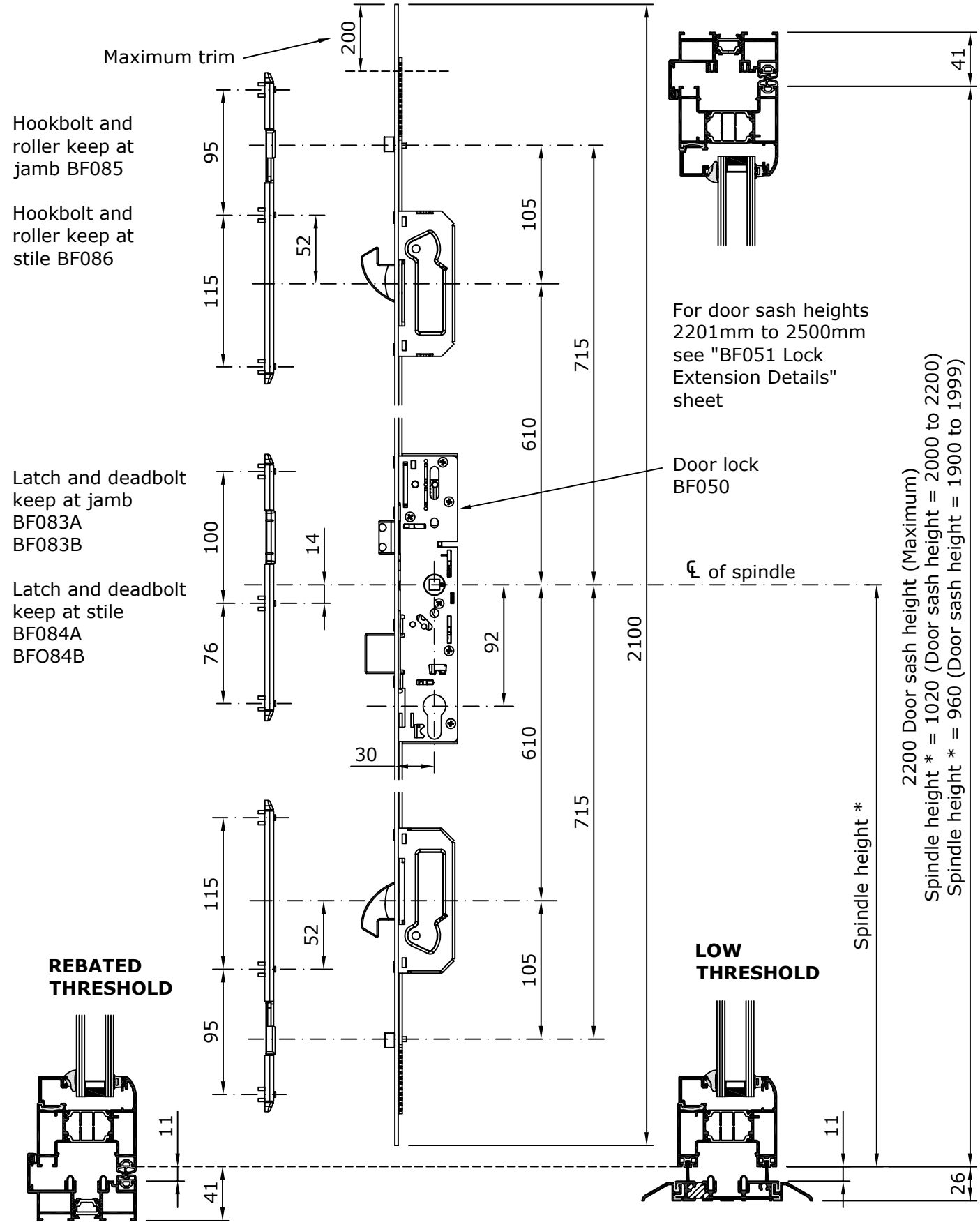
Adhesives and Sealants

Metal Technology offers a two part adhesive to ensure high bond strength to all corner joints. To compliment the application of this adhesive we supply mixing tubes and manual applicators. The two part adhesive has a 45-60 minute cure period and is available in grey and white. Technical and safety data sheets are available on request.

BF050 Lock and Keep Details

1900mm to 2200mm Open In and Open Out with Rebated and Low Thresholds

System 26 Hi/Hi+
BI-FOLDING DOOR



* Fabricator to note that spindle heights indicated on this sheet are different to spindle height for System 5-20D Doors. If required, fabricators may adjust spindle height of System 26 bi-fold door to match System 5-20D Door. Adjustment is dependent on outer frame / threshold options selected.

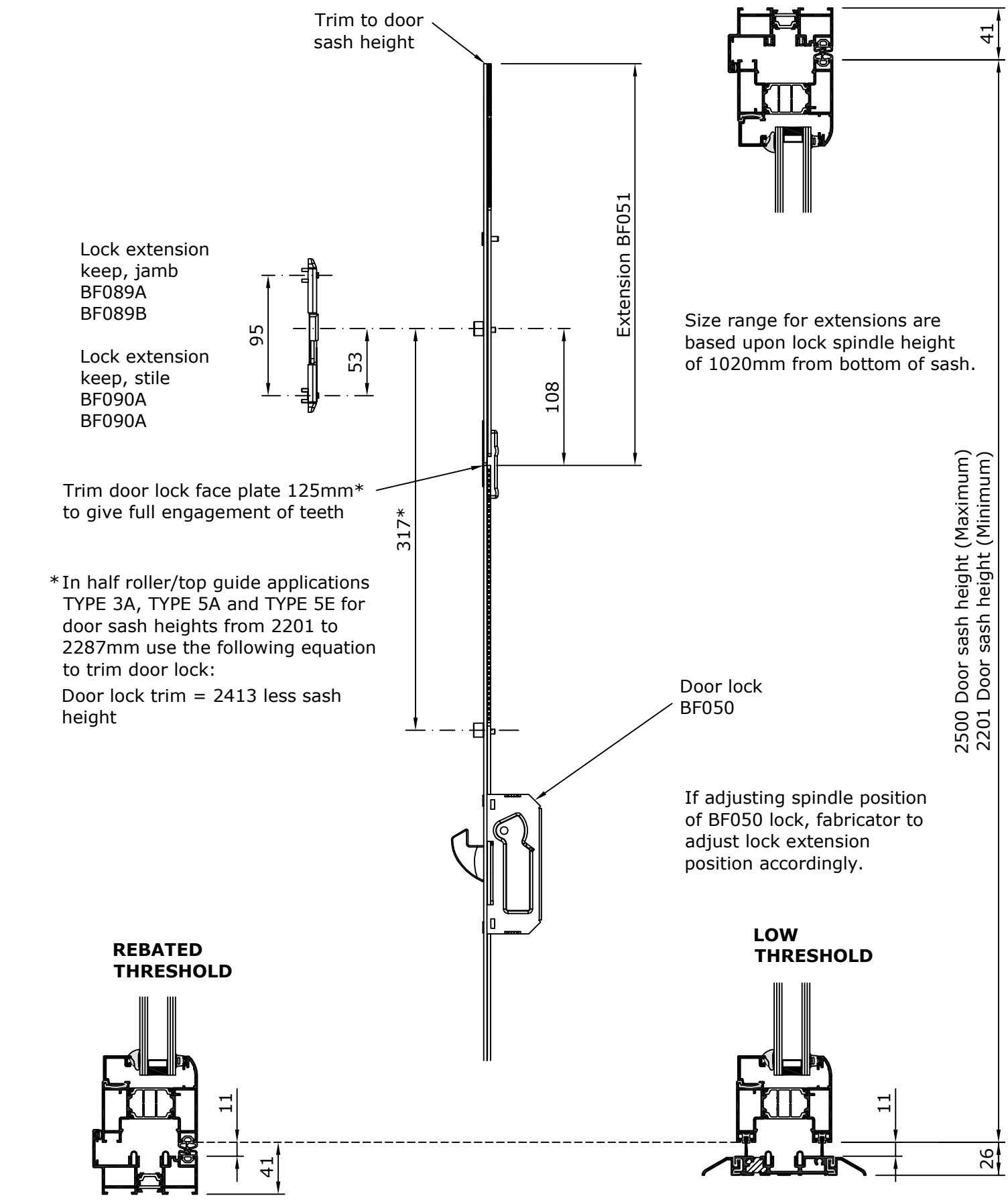
Scale 1:4

BF051 Lock Extension Details

2201mm to 2500mm Open In and Open Out

System 26 Hi/Hi+

BI-FOLDING DOOR



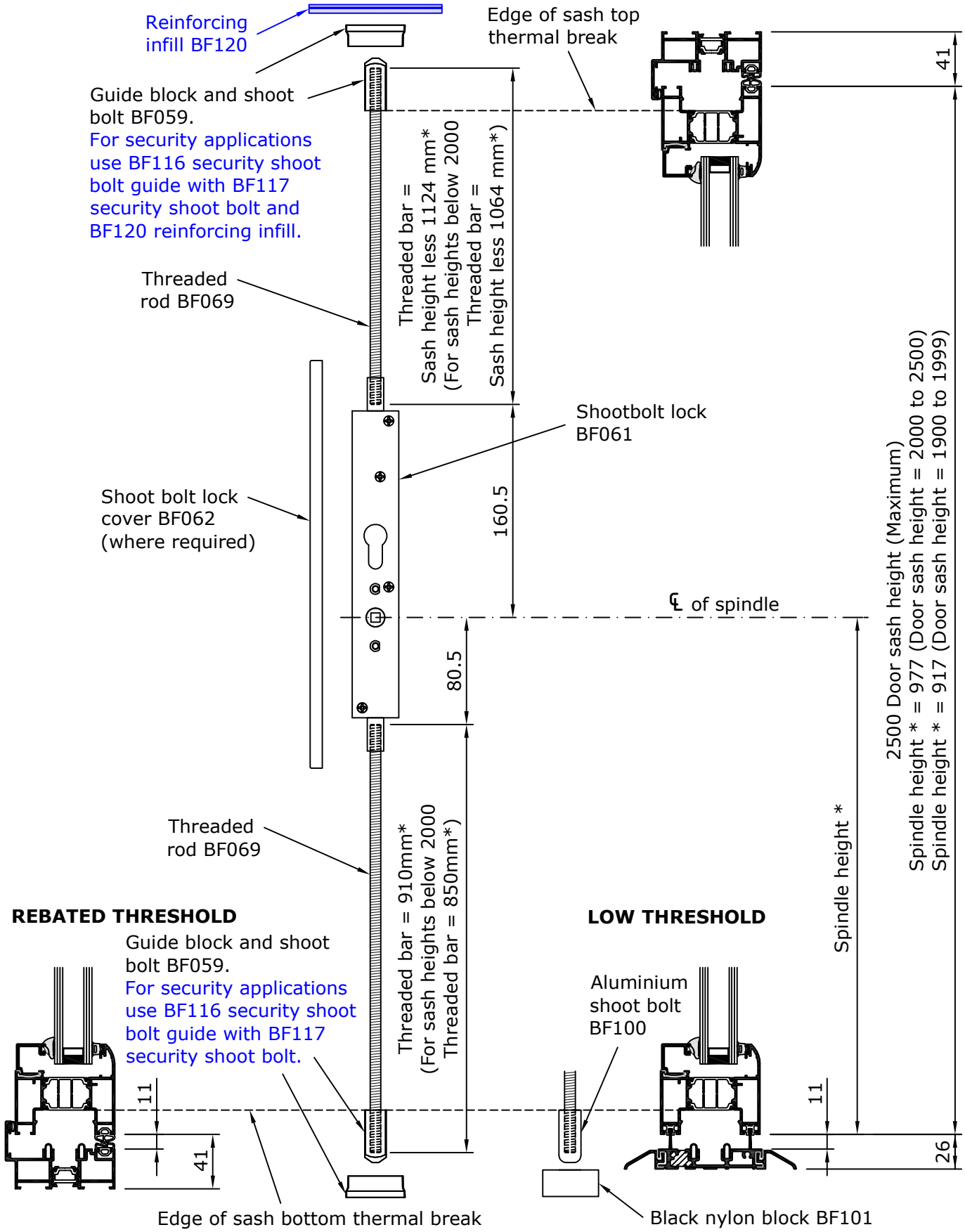
Scale 1:4

BF061 Shootbolt Lock Details

1900mm to 2500mm Open In and Open Out with Rebated and Low Thresholds

System 26 Hi/Hi+
BI-FOLDING DOOR

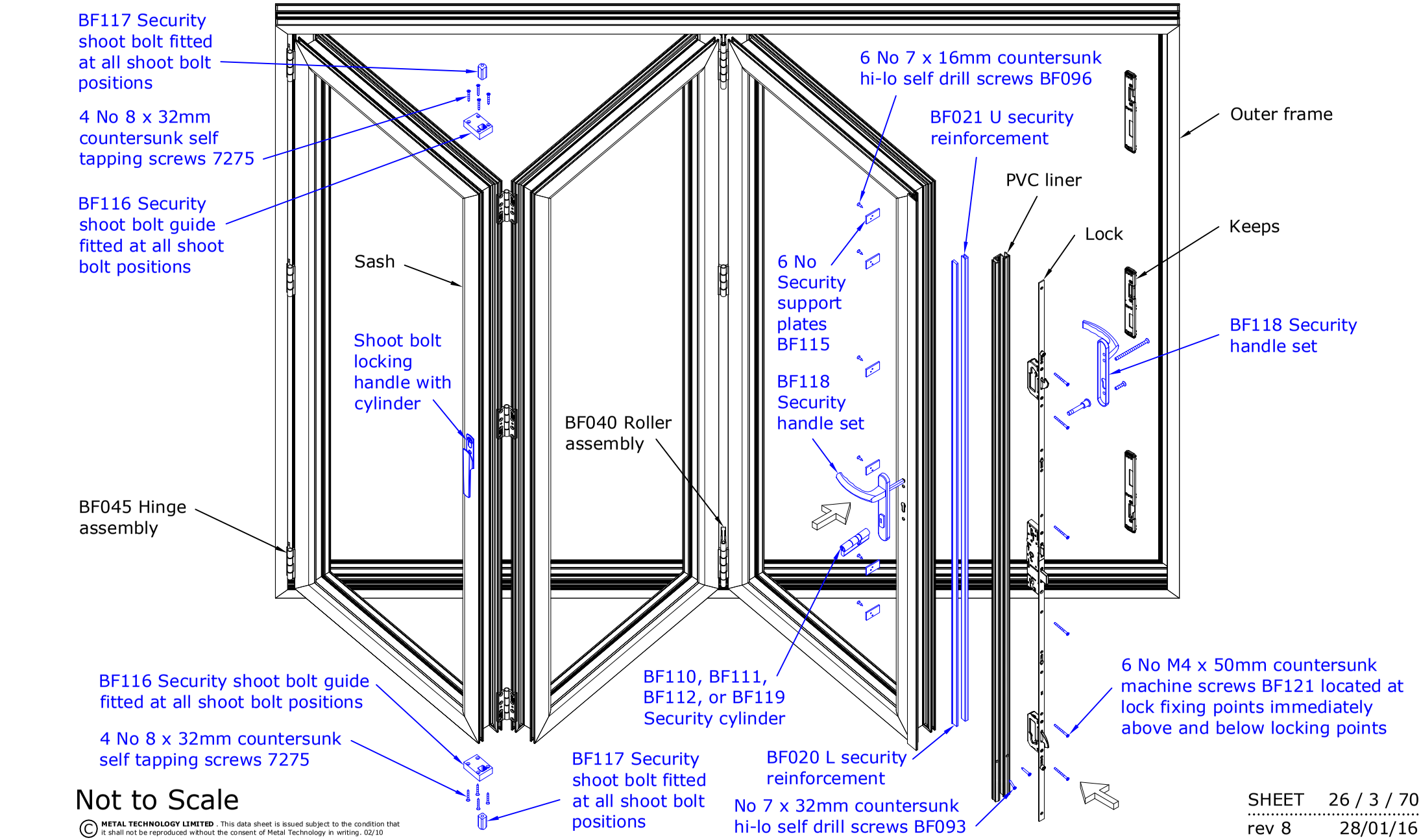
Items printed in blue are required in security applications only.



* If adjusting spindle position of BF050 lock, fabricator to adjust BF061 shootbolt position accordingly.

Scale 1:4

Security Requirements



System 26 Hi/Hi+

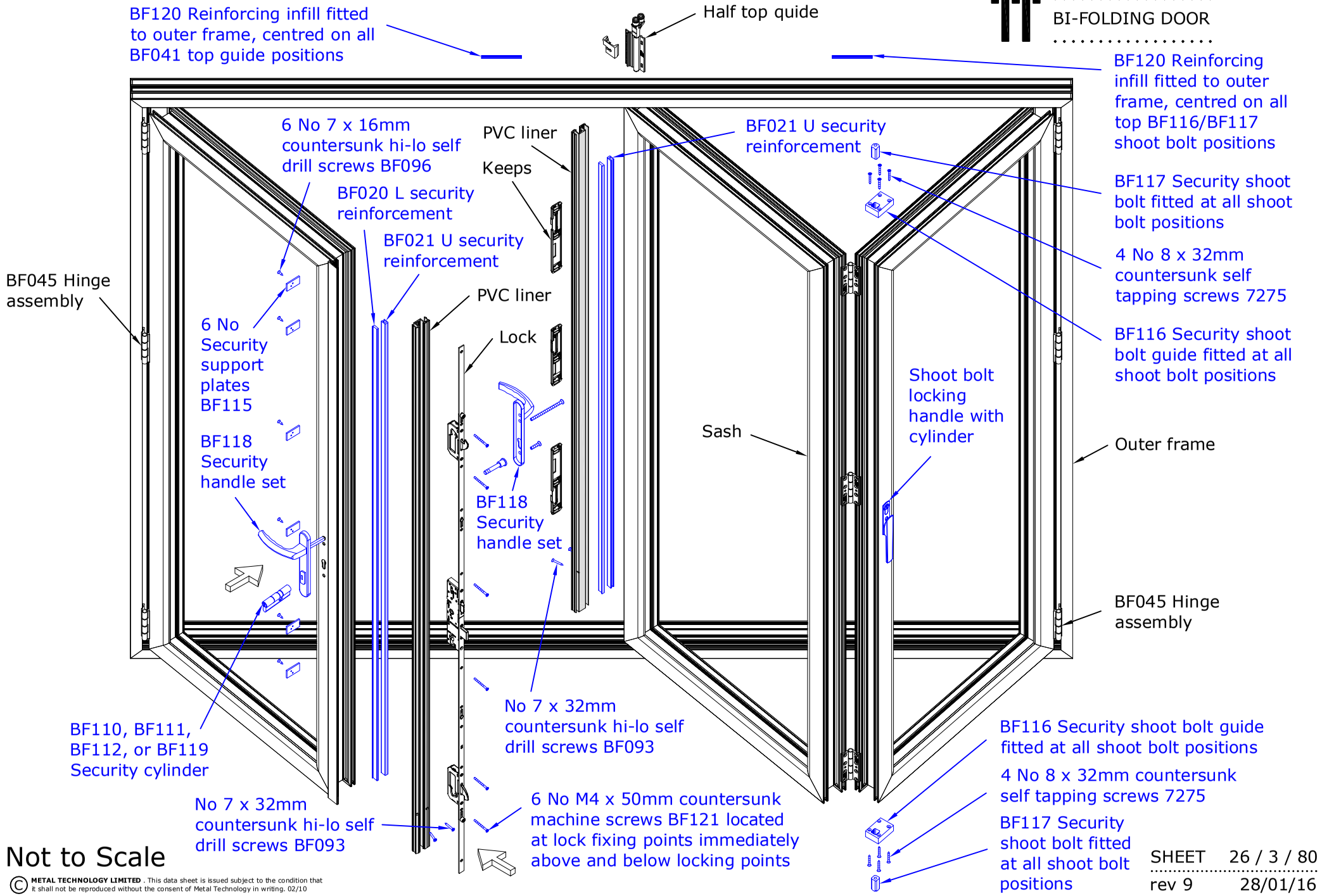
BI-FOLDING DOOR

Not to Scale

Security Requirements

System 26 Hi/Hi+

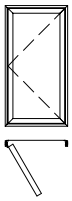
BI-FOLDING DOOR



Not to Scale

Kitting List

Type 1A (1-1-0)



System 26 Hi/Hi+

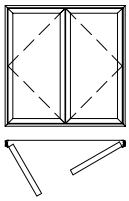
BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7223	NINE	No 7 x 25mm countersunk self drill screw
7282	EIGHT	No 7 x 19mm countersunk self drill screw
BF045	THREE	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF060	FOUR	Glazing support
BF064	NINE	Keep fixing plate - jamb
BF072	FOUR	Corner cleat
BF073	EIGHT	Corner cleat
BF074	TWO	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF083 A or B	ONE	Latch and deadbolt keep - jamb
BF085	ONE PAIR	Hook bolt and roller keep - jamb
BF088	NINE	M4 x 20mm countersunk machine screw
BF093	TWELVE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF113	ONE	Glass jack
BF114	ONE	Glass jack glazing support
CA23	TWO	Large corner brace
HR5064/450	ONE	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape
ADDITIONAL ITEMS FOR CURVED SASH		
7019	FOUR	Moulded corner brace
ADDITIONAL ITEMS FOR SQUARE SASH		
535	FOUR	Corner brace
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF072	FOUR	Corner cleat
BF074	TWO	Standard bubble corner moulding
CA17	TWO	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler

PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	TWO PAIRS	Standard end moulding
HR5093	FOUR	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	ONE PAIR	Large bubble corner moulding
BF076	ONE PAIR	Standard end moulding
HR5093	TWO	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7223	TWO	No 7 x 25mm countersunk self drill screw
BF045	ONE	Hinge assembly
BF051	ONE	Lock extension
BF064	TWO	Keep fixing plate - jamb
BF088	TWO	M4 x 20mm countersunk machine screw
BF089 A or B	ONE	Lock extension keep - jamb
BF096	TWO	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
BF020	ONE	L security reinforcement
BF021	ONE	U security reinforcement
BF093	TWO	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF118	ONE PAIR	Security lever handle set
BF121	SIX	M4 x 50mm countersunk machine screw

Kitting List

Type 2A (2-1-1)



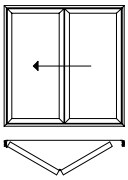
System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7233	NINE	M4 x 16mm countersunk machine screw
7282	SIXTEEN	No 7 x 19mm countersunk self drill screw
BF045	SIX	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF059	ONE SET	Shoot bolt set (Omit in security applications)
BF060	EIGHT	Glazing support
BF061	ONE	Shoot bolt lock
BF063	NINE	Keep fixing plate - stile
BF067 with 7123 with 7243 **or** BF068	ONE	Rebate adaptor locking shoot bolt handle (used instead of BF068 if 7123 half euro cylinder is selected)
	ONE	Half euro cylinder (to be used with BF067)
	ONE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	ONE	Rebate adaptor non-lock shoot bolt handle (Omit in security applications)
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	TWO	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	ONE	Threaded rod 1200mm (For sash heights > 2320mm)
	ONE	Threaded rod 1500mm (For sash heights > 2320mm)
	ONE	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	SIXTEEN	Corner cleat
BF074	FOUR	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF084 A or B	ONE	Latch and deadbolt keep - stile
BF086	ONE PAIR	Hook bolt and roller keep - stile
BF093	TWENTY-ONE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	FOUR	No 10 x 25mm countersunk hi-lo self drill screw (Omit in security applications)
BF096	TWELVE	No 7 x 16 countersunk hi-lo self drill screw
BF113	TWO	Glass jack
BF114	TWO	Glass jack glazing support
CA23	TWO	Large corner brace
HR5064/450	TWO	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape
ADDITIONAL ITEMS FOR CURVED SASH		
7019	EIGHT	Moulded corner brace
ADDITIONAL ITEMS FOR SQUARE SASH		
535	EIGHT	Corner brace

PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	ONE SET	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	FOUR	Standard bubble corner moulding
CA17	THREE	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	FOUR PAIRS	Standard end moulding
BF100	ONE	Aluminium shoot bolt
BF101	ONE	Black nylon block
HR5093	EIGHT	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	TWO PAIRS	Large bubble corner moulding
BF076	TWO PAIRS	Standard end moulding
BF100	ONE	Aluminium shoot bolt
BF101	ONE	Black nylon block
HR5093	FOUR	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7233	TWO	M4 x 16mm countersunk machine screw
BF045	TWO	Hinge assembly
BF051	ONE	Lock extension
BF063	TWO	Keep fixing plate - stile
BF090 A or B	ONE	Lock extension keep - stile
BF093	FIVE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	TWO	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	EIGHT	No 8 x 32mm countersunk self tap screw
BF020	TWO	L security reinforcement
BF021	TWO	U security reinforcement
BF093	FOUR	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	TWO	Security shoot bolt guide
BF117	TWO	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	ONE	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

Kitting List
Type 2B (2-2-0)



System 26 Hi/Hi+
BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7282	SIX	No 7 x 19mm countersunk self drill screw
BF035	ONE PAIR	Support block
BF042	ONE	Half roller assembly
BF043	ONE	Half top guide assembly
BF045	FIVE	Hinge assembly
BF057 with 7123 with 7243 with BF102 **or** BF058	ONE	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	ONE	Half euro cylinder (to be used with BF057)
	ONE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	ONE	Shoot bolt locking handle safety label
	ONE	Non-lock shoot bolt handle (Omit in security applications)
BF059	ONE SET	Shoot bolt set (Omit in security applications)
BF060	EIGHT	Glazing support
BF061	ONE	Shoot bolt lock
BF062 **or** BF107	ONE	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	TWO	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	ONE	Threaded rod 1200mm (For sash heights > 2320mm)
	ONE	Threaded rod 1500mm (For sash heights > 2320mm)
	ONE	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	SIXTEEN	Corner cleat
BF074	THREE	Standard bubble corner moulding
BF075	ONE PAIR	Large bubble corner moulding
BF094	FOUR	No 10 x 25mm countersunk hi-lo self drill screw (Omit in security applications)
BF095	TWO	M5 x 10mm countersunk machine screw (Hi only)
BF113	TWO	Glass jack
BF114	TWO	Glass jack glazing support
CA23	TWO	Large corner brace
HR5064/450	ONE	Foil-backed sealant tape
ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** † BF045	ONE	'D' handle hinge assembly Hinge assembly
ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	ONE	Hinge assembly
BF048	ONE	'D' handle assembly (optional item)
ADDITIONAL ITEMS FOR CURVED SASH		
7019	EIGHT	Moulded corner brace
ADDITIONAL ITEMS FOR SQUARE SASH		
535	EIGHT	Corner brace

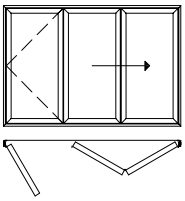
When BF042 half roller assembly and BF043 half top guide assembly are required, customer may wish to purchase BF098 circlip pliers to aid their assembly/installation.

PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	ONE SET	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	THREE	Standard bubble corner moulding
CA17	THREE	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	FOUR PAIRS	Standard end moulding
BF079	ONE PAIR	Large end moulding
BF100	ONE	Aluminium shoot bolt
BF101	ONE	Black nylon block
HR5093	EIGHT	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
Domestic threshold is not compatible with Type 2B		
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
BF045	TWO	Hinge assembly
BF048 ‡	ONE	'D' handle assembly (optional item)
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	EIGHT	No 8 x 32mm countersunk self tap screw
BF116	TWO	Security shoot bolt guide
BF117	TWO	Security shoot bolt
BF120	TWO	Reinforcing infill

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Kitting List

Type 3A (3-1-2)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7233	NINE	M4 x 16mm countersunk machine screw
7282	SIXTEEN	No 7 x 19mm countersunk self drill screw
BF035	ONE PAIR	Support block
BF042	ONE	Half roller assembly
BF043	ONE	Half top guide assembly
BF045	EIGHT	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF057 with 7123 with 7243 with BF102 **or** BF058	ONE	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	ONE	Half euro cylinder (to be used with BF057)
	ONE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	ONE	Shoot bolt locking handle safety label
	ONE	Non-lock shoot bolt handle (Omit in security applications)
BF059	ONE SET	Shoot bolt set (Omit in security applications)
BF060	TWELVE	Glazing support
BF061	ONE	Shoot bolt lock
BF062 **or** BF107	ONE	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF063	NINE	Keep fixing plate - stile
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	TWO	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	ONE	Threaded rod 1200mm (For sash heights > 2320mm)
	ONE	Threaded rod 1500mm (For sash heights > 2320mm)
	ONE	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	TWENTY-FOUR	Corner cleat
BF074	SIX	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF084 A or B	ONE	Latch and deadbolt keep - stile
BF086	ONE PAIR	Hook bolt and roller keep - stile
BF093	TWENTY-ONE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	FOUR	No 10 x 25mm countersunk hi-lo self drill screw (Omit in security applications)
BF095	TWO	M5 x 10mm countersunk machine screw (Hi only)
BF096	TWELVE	No 7 x 16 countersunk hi-lo self drill screw
BF113	THREE	Glass jack
BF114	THREE	Glass jack glazing support
CA23	TWO	Large corner brace
HR5064/450	TWO	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape

ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** BF045 †	ONE	'D' handle hinge assembly Hinge assembly

ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	ONE	Hinge assembly
BF048	ONE	'D' handle assembly (optional item)

ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWELVE	Moulded corner brace

ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWELVE	Corner brace

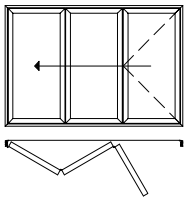
When BF042 half roller assembly and BF043 half top guide assembly are required, customer may wish to purchase BF098 circlip pliers to aid their assembly/installation.

PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	ONE SET	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	SIX	Standard bubble corner moulding
CA17	FOUR	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	SIX PAIRS	Standard end moulding
BF100	ONE	Aluminium shoot bolt
BF101	ONE	Black nylon block
HR5093	TWELVE	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	THREE PAIRS	Large bubble corner moulding
BF076	THREE PAIRS	Standard end moulding
BF100	ONE	Aluminium shoot bolt
BF101	ONE	Black nylon block
HR5093	SIX	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7233	TWO	M4 x 16mm countersunk machine screw
BF045	THREE	Hinge assembly
BF048 ‡	ONE	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF063	TWO	Keep fixing plate - stile
BF090 A or B	ONE	Lock extension keep - stile
BF093	FIVE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	TWO	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	EIGHT	No 8 x 32mm countersunk self tap screw
BF020	TWO	L security reinforcement
BF021	TWO	U security reinforcement
BF093	FOUR	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	TWO	Security shoot bolt guide
BF117	TWO	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	TWO	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Kitting List

Type 3C (3-3-0)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7223	NINE	No 7 x 25mm countersunk self drill screw
7282	EIGHT	No 7 x 19mm countersunk self drill screw
BF040	ONE	Roller assembly
BF041	ONE	Top guide assembly
BF045	SIX	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF054	ONE	Magnetic door stop
BF057 with 7123 with 7243 with BF102 **or** BF058	ONE	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	ONE	Half euro cylinder (to be used with BF057)
	ONE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	ONE	Shoot bolt locking handle safety label
	ONE	Non-lock shoot bolt handle (Omit in security applications)
BF059	ONE SET	Shoot bolt set (Omit in security applications)
BF060	TWELVE	Glazing support
BF061	ONE	Shoot bolt lock
BF062 **or** BF107	ONE	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF064	NINE	Keep fixing plate - jamb
BF066	ONE	Magnetic door stop safety label
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	TWO	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	ONE	Threaded rod 1200mm (For sash heights > 2320mm)
	ONE	Threaded rod 1500mm (For sash heights > 2320mm)
	ONE	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	TWENTY-FOUR	Corner cleat
BF074	SIX	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF083 A or B	ONE	Latch and deadbolt keep - jamb
BF085	ONE PAIR	Hook bolt and roller keep - jamb
BF088	NINE	M4 x 20mm countersunk machine screw
BF093	TWELVE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	SIX TWO	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	TWO	M5 x 10mm countersunk machine screw (Hi only)
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF113	THREE	Glass jack
BF114	THREE	Glass jack glazing support
BF122	ONE	Top guide block
CA23	TWO	Large corner brace
HR5064/450	TWO	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape

ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** † BF045	ONE	'D' handle hinge assembly Hinge assembly

ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	ONE	Hinge assembly
BF048	ONE	'D' handle assembly (optional item)

ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWELVE	Moulded corner brace

ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWELVE	Corner brace

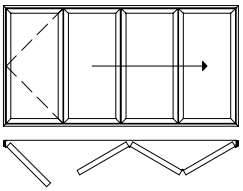
PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	ONE SET	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	SIX	Standard bubble corner moulding
CA17	FOUR	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	SIX PAIRS	Standard end moulding
BF100	ONE	Aluminium shoot bolt
BF101	ONE	Black nylon block
HR5093	TWELVE	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	THREE PAIRS	Large bubble corner moulding
BF076	THREE PAIRS	Standard end moulding
BF100	ONE	Aluminium shoot bolt
BF101	ONE	Black nylon block
HR5093	SIX	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7223	TWO	No 7 x 25mm countersunk self drill screw
BF045	THREE	Hinge assembly
BF048 ‡	ONE	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF064	TWO	Keep fixing plate - jamb
BF088	TWO	M4 x 20mm countersunk machine screw
BF089 A or B	ONE	Lock extension keep - jamb
BF093	THREE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	ONE	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	EIGHT	No 8 x 32mm countersunk self tap screw
BF020	ONE	L security reinforcement
BF021	ONE	U security reinforcement
BF093	TWO	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	TWO	Security shoot bolt guide
BF117	TWO	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	TWO	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Fabricator may wish to fit an additional BF054 magnetic door stop to the bottom rail of the folding pass door.

Kitting List

Type 4A (4-1-3)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7233	NINE	M4 x 16mm countersunk machine screw
7282	SIXTEEN	No 7 x 19mm countersunk self drill screw
BF040	ONE	Roller assembly
BF041	ONE	Top guide assembly
BF045	NINE	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF054	ONE	Magnetic door stop
BF057 with 7123 with 7243 with BF102 **or** BF058	ONE	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	ONE	Half euro cylinder (to be used with BF057)
	ONE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	ONE	Shoot bolt locking handle safety label
	ONE	Non-lock shoot bolt handle (Omit in security applications)
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF060	SIXTEEN	Glazing support
BF061	TWO	Shoot bolt lock
BF062 **or** BF107	ONE	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF063	NINE	Keep fixing plate - stile
BF066	ONE	Magnetic door stop safety label
BF067 with 7123 with 7243 **or** BF068	ONE	Rebate adaptor locking shoot bolt handle (used instead of BF068 if 7123 half euro cylinder is selected)
	ONE	Half euro cylinder (to be used with BF067)
	ONE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	ONE	Rebate adaptor non-lock shoot bolt handle (Omit in security applications)
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	FOUR	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	TWO	Threaded rod 1200mm (For sash heights > 2320mm)
	TWO	Threaded rod 1500mm (For sash heights > 2320mm)
	TWO	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	THIRTY-TWO	Corner cleat
BF074	EIGHT	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF084 A or B	ONE	Latch and deadbolt keep - stile
BF086	ONE PAIR	Hook bolt and roller keep - stile
BF093	TWENTY-ONE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	TEN TWO	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	TWO	M5 x 10mm countersunk machine screw (Hi only)
BF096	TWELVE	No 7 x 16 countersunk hi-lo self drill screw
BF113	FOUR	Glass jack
BF114	FOUR	Glass jack glazing support
BF122	ONE	Top guide block
CA23	TWO	Large corner brace
HR5064/450	THREE	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape

ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** BF045 †	ONE	'D' handle hinge assembly Hinge assembly

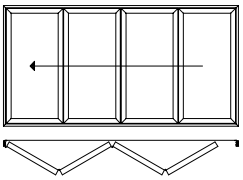
ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	ONE	Hinge assembly
BF048	ONE	'D' handle assembly (optional item)

PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR CURVED SASH		
7019	SIXTEEN	Moulded corner brace
ADDITIONAL ITEMS FOR SQUARE SASH		
535	SIXTEEN	Corner brace
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	EIGHT	Standard bubble corner moulding
CA17	FIVE	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	EIGHT PAIRS	Standard end moulding
BF100	TWO	Aluminium shoot bolt
BF101	TWO	Black nylon block
HR5093	SIXTEEN	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	FOUR PAIRS	Large bubble corner moulding
BF076	FOUR PAIRS	Standard end moulding
BF100	TWO	Aluminium shoot bolt
BF101	TWO	Black nylon block
HR5093	EIGHT	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7233	TWO	M4 x 16mm countersunk machine screw
BF045	FOUR	Hinge assembly
BF048 ‡	ONE	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF063	TWO	Keep fixing plate - stile
BF090 A or B	ONE	Lock extension keep - stile
BF093	FIVE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	TWO	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	SIXTEEN	No 8 x 32mm countersunk self tap screw
BF020	TWO	L security reinforcement
BF021	TWO	U security reinforcement
BF093	FOUR	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	FOUR	Security shoot bolt guide
BF117	FOUR	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	THREE	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Fabricator may wish to fit an additional BF054 magnetic door stop to the bottom rail of the folding pass door.

Kitting List
Type 4B (4-4-0)



System 26 Hi/Hi+
BI-FOLDING DOOR

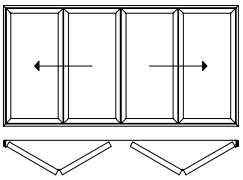
PART No.	QUANTITY	DESCRIPTION
7282	SIX	No 7 x 19mm countersunk self drill screw
BF035	ONE PAIR	Support block
BF040	ONE	Roller assembly
BF041	ONE	Top guide assembly
BF042	ONE	Half roller assembly
BF043	ONE	Half top guide assembly
BF045	EIGHT	Hinge assembly
BF057 with 7123 with 7243 with BF102 **or** BF058	TWO	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	TWO	Half euro cylinder (to be used with BF057)
	TWO	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	TWO	Shoot bolt locking handle safety label
	TWO	Non-lock shoot bolt handle (Omit in security applications)
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF060	SIXTEEN	Glazing support
BF061	TWO	Shoot bolt lock
BF062 **or** BF107	TWO	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	FOUR	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	TWO	Threaded rod 1200mm (For sash heights > 2320mm)
	TWO	Threaded rod 1500mm (For sash heights > 2320mm)
	TWO	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	THIRTY-TWO	Corner cleat
BF074	SEVEN	Standard bubble corner moulding
BF075	ONE PAIR	Large bubble corner moulding
BF094	TEN TWO	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	FOUR	M5 x 10mm countersunk machine screw (Hi only)
BF113	FOUR	Glass jack
BF114	FOUR	Glass jack glazing support
BF122	ONE	Top guide block
CA23	TWO	Large corner brace
HR5064/450	TWO	Foil-backed sealant tape
ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** BF045 †	TWO	'D' handle hinge assembly Hinge assembly
ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	TWO	Hinge assembly
BF048	TWO	'D' handle assembly (optional item)
ADDITIONAL ITEMS FOR CURVED SASH		
7019	SIXTEEN	Moulded corner brace
ADDITIONAL ITEMS FOR SQUARE SASH		
535	SIXTEEN	Corner brace

When BF042 half roller assembly and BF043 half top guide assembly are required, customer may wish to purchase BF098 circlip pliers to aid their assembly/installation.

PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	SEVEN	Standard bubble corner moulding
CA17	FIVE	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	EIGHT PAIRS	Standard end moulding
BF079	ONE PAIR	Large bubble end moulding
BF100	TWO	Aluminium shoot bolt
BF101	TWO	Black nylon block
HR5093	SIXTEEN	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
Domestic threshold is not compatible with Type 4B		
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
BF045	FOUR	Hinge assembly
BF048 ‡	TWO	'D' handle assembly (optional item)
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	SIXTEEN	No 8 x 32mm countersunk self tap screw
BF116	FOUR	Security shoot bolt guide
BF117	FOUR	Security shoot bolt
BF120	FOUR	Reinforcing infill

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Kitting List
Type 4D (4-2-2)



System 26 Hi/Hi+
BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7282	EIGHT	No 7 x 19mm countersunk self drill screw
BF035	TWO PAIRS	Support block
BF042	TWO	Half roller assembly
BF043	TWO	Half top guide assembly
BF045	TEN	Hinge assembly
BF057 with 7123 with 7243 with BF102 **or** BF058	TWO	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	TWO	Half euro cylinder (to be used with BF057)
	TWO	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	TWO	Shoot bolt locking handle safety label
	TWO	Non-lock shoot bolt handle (Omit in security applications)
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF060	SIXTEEN	Glazing support
BF061	TWO	Shoot bolt lock
BF062 **or** BF107	TWO	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	FOUR	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	TWO	Threaded rod 1200mm (For sash heights > 2320mm)
	TWO	Threaded rod 1500mm (For sash heights > 2320mm)
	TWO	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	THIRTY-TWO	Corner cleat
BF074	SIX	Standard bubble corner moulding
BF075	ONE PAIR	Large bubble corner moulding
BF094	EIGHT	No 10 x 25mm countersunk hi-lo self drill screw (Omit in security applications)
BF095	FOUR	M5 x 10mm countersunk machine screw (Hi only)
BF113	FOUR	Glass jack
BF114	FOUR	Glass jack glazing support
CA23	TWO	Large corner brace
HR5064/450	TWO	Foil-backed sealant tape

ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** † BF045	TWO	'D' handle hinge assembly Hinge assembly

ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	TWO	Hinge assembly
BF048	TWO	'D' handle assembly (optional item)

ADDITIONAL ITEMS FOR CURVED SASH		
7019	SIXTEEN	Moulded corner brace

ADDITIONAL ITEMS FOR SQUARE SASH		
535	SIXTEEN	Corner brace

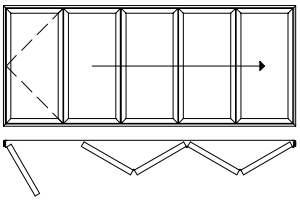
When BF042 half roller assembly and BF043 half top guide assembly are required, customer may wish to purchase BF098 circlip pliers to aid their assembly/installation.

PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	SIX	Standard bubble corner moulding
BF075	ONE PAIR	Large bubble corner moulding
CA17	FIVE	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	SIX PAIRS	Standard end moulding
BF079	TWO PAIRS	Large bubble end moulding
BF100	TWO	Aluminium shoot bolt
BF101	TWO	Black nylon block
HR5093	SIXTEEN	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
Domestic threshold is not compatible with Type 4D		
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
BF045	FOUR	Hinge assembly
BF048 ‡	TWO	'D' handle assembly (optional item)
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	SIXTEEN	No 8 x 32mm countersunk self tap screw
BF116	FOUR	Security shoot bolt guide
BF117	FOUR	Security shoot bolt
BF120	FOUR	Reinforcing infill

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Kitting List

Type 5A (5-1-4)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7233	NINE	M4 x 16mm countersunk machine screw
7282	SIXTEEN	No 7 x 19mm countersunk self drill screw
BF035	ONE PAIR	Support block
BF040	ONE	Roller assembly
BF041	ONE	Top guide assembly
BF042	ONE	Half roller assembly
BF043	ONE	Half top guide assembly
BF045	ELEVEN	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF057 with 7123 with 7243 with BF102 **or** BF058	TWO	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	TWO	Half euro cylinder (to be used with BF057)
	TWO	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	TWO	Shoot bolt locking handle safety label
	TWO	Non-lock shoot bolt handle (Omit in security applications)
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF060	TWENTY	Glazing support
BF061	TWO	Shoot bolt lock
BF062 **or** BF107	TWO	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF063	NINE	Keep fixing plate - stile
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	FOUR	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	TWO	Threaded rod 1200mm (For sash heights > 2320mm)
	TWO	Threaded rod 1500mm (For sash heights > 2320mm)
	TWO	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	FORTY	Corner cleat
BF074	TEN	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF084 A or B	ONE	Latch and deadbolt keep - stile
BF086	ONE PAIR	Hook bolt and roller keep - stile
BF093	TWENTY-ONE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	TEN TWO	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	FOUR	M5 x 10mm countersunk machine screw (Hi only)
BF096	TWELVE	No 7 x 16 countersunk hi-lo self drill screw
BF113	FIVE	Glass jack
BF114	FIVE	Glass jack glazing support
BF122	ONE	Top guide block
CA23	TWO	Large corner brace
HR5064/450	THREE	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape
ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** † BF045	TWO	'D' handle hinge assembly Hinge assembly
ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	TWO	Hinge assembly
BF048	TWO	'D' handle assembly (optional item)
ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWENTY	Moulded corner brace
ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWENTY	Corner brace

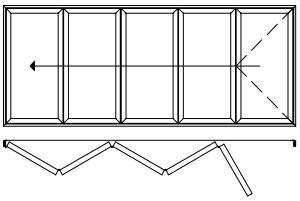
PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	TEN	Standard bubble corner moulding
CA17	SIX	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	TEN PAIRS	Standard end moulding
BF100	TWO	Aluminium shoot bolt
BF101	TWO	Black nylon block
HR5093	TWENTY	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	FIVE PAIRS	Large bubble corner moulding
BF076	FIVE PAIRS	Standard end moulding
BF100	TWO	Aluminium shoot bolt
BF101	TWO	Black nylon block
HR5093	TEN	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7233	TWO	M4 x 16mm countersunk machine screw
BF045	FIVE	Hinge assembly
BF048 ‡	TWO	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF063	TWO	Keep fixing plate - stile
BF090 A or B	ONE	Lock extension keep - stile
BF093	FIVE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	TWO	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	SIXTEEN	No 8 x 32mm countersunk self tap screw
BF020	TWO	L security reinforcement
BF021	TWO	U security reinforcement
BF093	FOUR	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	FOUR	Security shoot bolt guide
BF117	FOUR	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	FOUR	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

When BF042 half roller assembly and BF043 half top guide assembly are required, customer may wish to purchase BF098 circlip pliers to aid their assembly/installation.

Kitting List

Type 5C (5-5-0)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7223	NINE	No 7 x 25mm countersunk self drill screw
7282	EIGHT	No 7 x 19mm countersunk self drill screw
BF040	TWO	Roller assembly
BF041	TWO	Top guide assembly
BF045	NINE	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF054	ONE	Magnetic door stop
BF057 with 7123 with 7243 with BF102 **or** BF058	TWO	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	TWO	Half euro cylinder (to be used with BF057)
	TWO	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	TWO	Shoot bolt locking handle safety label
	TWO	Non-lock shoot bolt handle (Omit in security applications)
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF060	TWENTY	Glazing support
BF061	TWO	Shoot bolt lock
BF062 **or** BF107	TWO	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF064	NINE	Keep fixing plate - jamb
BF066	ONE	Magnetic door stop safety label
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	FOUR	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	TWO	Threaded rod 1200mm (For sash heights > 2320mm)
	TWO	Threaded rod 1500mm (For sash heights > 2320mm)
	TWO	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	FORTY	Corner cleat
BF074	TEN	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF083 A or B	ONE	Latch and deadbolt keep - jamb
BF085	ONE PAIR	Hook bolt and roller keep - jamb
BF088	NINE	M4 x 20mm countersunk machine screw
BF093	TWELVE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	TWELVE FOUR	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	FOUR	M5 x 10mm countersunk machine screw (Hi only)
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF113	FIVE	Glass jack
BF114	FIVE	Glass jack glazing support
BF122	TWO	Top guide block
CA23	TWO	Large corner brace
HR5064/450	THREE	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape

ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** † BF045	TWO	'D' handle hinge assembly Hinge assembly

ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	TWO	Hinge assembly
BF048	TWO	'D' handle assembly (optional item)

ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWENTY	Moulded corner brace

ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWENTY	Corner brace

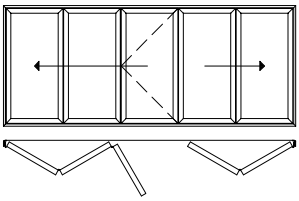
PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	TEN	Standard bubble corner moulding
CA17	SIX	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	TEN PAIRS	Standard end moulding
BF100	TWO	Aluminium shoot bolt
BF101	TWO	Black nylon block
HR5093	TWENTY	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	FIVE PAIRS	Large bubble corner moulding
BF076	FIVE PAIRS	Standard end moulding
BF100	TWO	Aluminium shoot bolt
BF101	TWO	Black nylon block
HR5093	TEN	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7223	TWO	No 7 x 25mm countersunk self drill screw
BF045	FIVE	Hinge assembly
BF048 ‡	TWO	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF064	TWO	Keep fixing plate - jamb
BF088	TWO	M4 x 20mm countersunk machine screw
BF089 A or B	ONE	Lock extension keep - jamb
BF093	THREE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	ONE	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	SIXTEEN	No 8 x 32mm countersunk self tap screw
BF020	ONE	L security reinforcement
BF021	ONE	U security reinforcement
BF093	TWO	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	FOUR	Security shoot bolt guide
BF117	FOUR	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	FOUR	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Fabricator may wish to fit an additional BF054 magnetic door stop to the bottom rail of the folding pass door.

Kitting List

Type 5E (5-3-2)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7233	NINE	M4 x 16mm countersunk machine screw
7282	SIXTEEN	No 7 x 19mm countersunk self drill screw
BF035	ONE PAIR	Support block
BF040	ONE	Roller assembly
BF041	ONE	Top guide assembly
BF042	ONE	Half roller assembly
BF043	ONE	Half top guide assembly
BF045	ELEVEN	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF054	ONE	Magnetic door stop
BF057 with 7123 with 7243 with BF102 **or** BF058	TWO	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	TWO	Half euro cylinder (to be used with BF057)
	TWO	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	TWO	Shoot bolt locking handle safety label
	TWO	Non-lock shoot bolt handle (Omit in security applications)
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF060	TWENTY	Glazing support
BF061	TWO	Shoot bolt lock
BF062 **or** BF107	TWO	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF063	NINE	Keep fixing plate - stile
BF066	ONE	Magnetic door stop safety label
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	FOUR	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	TWO	Threaded rod 1200mm (For sash heights > 2320mm)
	TWO	Threaded rod 1500mm (For sash heights > 2320mm)
	TWO	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	FORTY	Corner cleat
BF074	TEN	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF084 A or B	ONE	Latch and deadbolt keep - stile
BF086	ONE PAIR	Hook bolt and roller keep - stile
BF093	TWENTY-ONE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	TEN TWO	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	FOUR	M5 x 10mm countersunk machine screw (Hi only)
BF096	TWELVE	No 7 x 16 countersunk hi-lo self drill screw
BF113	FIVE	Glass jack
BF114	FIVE	Glass jack glazing support
BF122	ONE	Top guide block
CA23	TWO	Large corner brace
HR5064/450	THREE	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape

ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** † BF045	TWO	'D' handle hinge assembly Hinge assembly

ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	TWO	Hinge assembly
BF048	TWO	'D' handle assembly (optional item)

ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWENTY	Moulded corner brace

Fabricator may wish to fit an additional BF054 magnetic door stop to the bottom rail of the folding pass door.

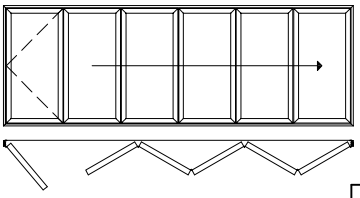
PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWENTY	Corner brace
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	TWO SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	TEN	Standard bubble corner moulding
CA17	SIX	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	TEN PAIRS	Standard end moulding
BF100	TWO	Aluminium shoot bolt
BF101	TWO	Black nylon block
HR5093	TWENTY	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	FIVE PAIRS	Large bubble corner moulding
BF076	FIVE PAIRS	Standard end moulding
BF100	TWO	Aluminium shoot bolt
BF101	TWO	Black nylon block
HR5093	TEN	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7233	TWO	M4 x 16mm countersunk machine screw
BF045	FIVE	Hinge assembly
BF048 ‡	TWO	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF063	TWO	Keep fixing plate - stile
BF090 A or B	ONE	Lock extension keep - stile
BF093	FIVE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	TWO	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	SIXTEEN	No 8 x 32mm countersunk self tap screw
BF020	TWO	L security reinforcement
BF021	TWO	U security reinforcement
BF093	FOUR	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	FOUR	Security shoot bolt guide
BF117	FOUR	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	FOUR	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

When BF042 half roller assembly and BF043 half top guide assembly are required, customer may wish to purchase BF098 circlip pliers to aid their assembly/installation.

Kitting List

Type 6A (6-1-5)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7233	NINE	M4 x 16mm countersunk machine screw
7282	SIXTEEN	No 7 x 19mm countersunk self drill screw
BF040	TWO	Roller assembly
BF041	TWO	Top guide assembly
BF045	TWELVE	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF054	ONE	Magnetic door stop
BF057 with 7123 with 7243 with BF102 **or** BF058	TWO	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	TWO	Half euro cylinder (to be used with BF057)
	TWO	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	TWO	Shoot bolt locking handle safety label
	TWO	Non-lock shoot bolt handle (Omit in security applications)
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF060	TWENTY-FOUR	Glazing support
BF061	THREE	Shoot bolt lock
BF062 **or** BF107	TWO	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF063	NINE	Keep fixing plate - stile
BF066	ONE	Magnetic door stop safety label
BF067 with 7123 with 7243 **or** BF068	ONE	Rebate adaptor locking shoot bolt handle (used instead of BF068 if 7123 half euro cylinder is selected)
	ONE	Half euro cylinder (to be used with BF067)
	ONE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	ONE	Rebate adaptor non-lock shoot bolt handle (Omit in security applications)
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	SIX	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	THREE	Threaded rod 1200mm (For sash heights > 2320mm)
	THREE	Threaded rod 1500mm (For sash heights > 2320mm)
	THREE	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	FORTY-EIGHT	Corner cleat
BF074	TWELVE	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF084 A or B	ONE	Latch and deadbolt keep - stile
BF086	ONE PAIR	Hook bolt and roller keep - stile
BF093	TWENTY-ONE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	SIXTEEN FOUR	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	FOUR	M5 x 10mm countersunk machine screw (Hi only)
BF096	TWELVE	No 7 x 16 countersunk hi-lo self drill screw
BF113	SIX	Glass jack
BF114	SIX	Glass jack glazing support
BF122	TWO	Top guide block
CA23	TWO	Large corner brace
HR5064/450	FOUR	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape

ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** † BF045	TWO	'D' handle hinge assembly Hinge assembly

ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	TWO	Hinge assembly
BF048	TWO	'D' handle assembly (optional item)

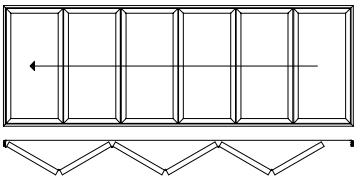
PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWENTY-FOUR	Moulded corner brace
ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWENTY-FOUR	Corner brace
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	TWELVE	Standard bubble corner moulding
CA17	SEVEN	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	TWELVE PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	TWENTY-FOUR	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	SIX PAIRS	Large bubble corner moulding
BF076	SIX PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	TWELVE	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7233	TWO	M4 x 16mm countersunk machine screw
BF045	SIX	Hinge assembly
BF048 ‡	TWO	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF063	TWO	Keep fixing plate - stile
BF090 A or B	ONE	Lock extension keep - stile
BF093	FIVE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	TWO	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	TWENTY-FOUR	No 8 x 32mm countersunk self tap screw
BF020	TWO	L security reinforcement
BF021	TWO	U security reinforcement
BF093	FOUR	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	SIX	Security shoot bolt guide
BF117	SIX	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	FIVE	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

† When door sash height > 2200mm, BF045 must be selected.

‡ Open out door only.

Fabricator may wish to fit an additional BF054 magnetic door stop to the bottom rail of the folding pass door.

Kitting List
Type 6B (6-6-0)



System 26 Hi/Hi+
BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7282	SIX	No 7 x 19mm countersunk self drill screw
BF035	ONE PAIR	Support block
BF040	TWO	Roller assembly
BF041	TWO	Top guide assembly
BF042	ONE	Half roller assembly
BF043	ONE	Half top guide assembly
BF045	ELEVEN	Hinge assembly
BF057 with 7123 with 7243 with BF102 **or** BF058	THREE	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	THREE	Half euro cylinder (to be used with BF057)
	THREE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	THREE	Shoot bolt locking handle safety label
	THREE	Non-lock shoot bolt handle (Omit in security applications)
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF060	TWENTY-FOUR	Glazing support
BF061	THREE	Shoot bolt lock
BF062 **or** BF107	THREE	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	SIX	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	THREE	Threaded rod 1200mm (For sash heights > 2320mm)
	THREE	Threaded rod 1500mm (For sash heights > 2320mm)
	THREE	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	FORTY-EIGHT	Corner cleat
BF074	ELEVEN	Standard bubble corner moulding
BF075	ONE PAIR	Large bubble corner moulding
BF094	SIXTEEN FOUR	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	SIX	M5 x 10mm countersunk machine screw (Hi only)
BF113	SIX	Glass jack
BF114	SIX	Glass jack glazing support
BF122	TWO	Top guide block
CA23	TWO	Large corner brace
HR5064/450	THREE	Foil-backed sealant tape
ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** † BF045	THREE	'D' handle hinge assembly Hinge assembly
ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	THREE	Hinge assembly
BF048	THREE	'D' handle assembly (optional item)
ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWENTY-FOUR	Moulded corner brace
ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWENTY-FOUR	Corner brace

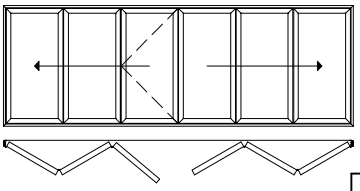
When BF042 half roller assembly and BF043 half top guide assembly are required, customer may wish to purchase BF098 circlip pliers to aid their assembly/installation.

PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	ELEVEN	Standard bubble corner moulding
CA17	SEVEN	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	TWELVE PAIRS	Standard end moulding
BF079	ONE PAIR	Large bubble end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	TWENTY-FOUR	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
Domestic threshold is not compatible with Type 6B		
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
BF045	SIX	Hinge assembly
BF048 ‡	THREE	'D' handle assembly (optional item)
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	TWENTY-FOUR	No 8 x 32mm countersunk self tap screw
BF116	SIX	Security shoot bolt guide
BF117	SIX	Security shoot bolt
BF120	SIX	Reinforcing infill

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Kitting List

Type 6E (6-3-3)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7233	NINE	M4 x 16mm countersunk machine screw
7282	SIXTEEN	No 7 x 19mm countersunk self drill screw
BF040	TWO	Roller assembly
BF041	TWO	Top guide assembly
BF045	TWELVE	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF054	TWO	Magnetic door stop
BF057 with 7123 with 7243 with BF102 **or** BF058	TWO	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	TWO	Half euro cylinder (to be used with BF057)
	TWO	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	TWO	Shoot bolt locking handle safety label
	TWO	Non-lock shoot bolt handle (Omit in security applications)
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF060	TWENTY-FOUR	Glazing support
BF061	THREE	Shoot bolt lock
BF062 **or** BF107	TWO	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF063	NINE	Keep fixing plate - stile
BF066	TWO	Magnetic door stop safety label
BF067 with 7123 with 7243 **or** BF068	ONE	Rebate adaptor locking shoot bolt handle (used instead of BF068 if 7123 half euro cylinder is selected)
	ONE	Half euro cylinder (to be used with BF067)
	ONE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	ONE	Rebate adaptor non-lock shoot bolt handle (Omit in security applications)
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	SIX	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	THREE	Threaded rod 1200mm (For sash heights > 2320mm)
	THREE	Threaded rod 1500mm (For sash heights > 2320mm)
	THREE	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	FORTY-EIGHT	Corner cleat
BF074	TWELVE	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF084 A or B	ONE	Latch and deadbolt keep - stile
BF086	ONE PAIR	Hook bolt and roller keep - stile
BF093	TWENTY-ONE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	SIXTEEN FOUR	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	FOUR	M5 x 10mm countersunk machine screw (Hi only)
BF096	TWELVE	No 7 x 16 countersunk hi-lo self drill screw
BF113	SIX	Glass jack
BF114	SIX	Glass jack glazing support
BF122	TWO	Top guide block
CA23	TWO	Large corner brace
HR5064/450	FOUR	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape
ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** BF045 †	TWO	'D' handle hinge assembly Hinge assembly
ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	TWO	Hinge assembly
BF048	TWO	'D' handle assembly (optional item)

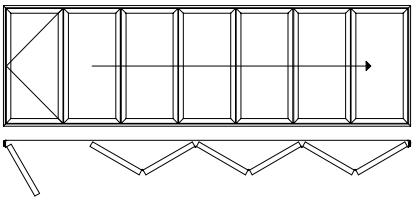
PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWENTY-FOUR	Moulded corner brace
ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWENTY-FOUR	Corner brace
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	TWELVE	Standard bubble corner moulding
CA17	SEVEN	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	TWELVE PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	TWENTY-FOUR	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	SIX PAIRS	Large bubble corner moulding
BF076	SIX PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	TWELVE	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7233	TWO	M4 x 16mm countersunk machine screw
BF045	SIX	Hinge assembly
BF048 ‡	TWO	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF063	TWO	Keep fixing plate - stile
BF090 A or B	ONE	Lock extension keep - stile
BF093	FIVE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	TWO	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	TWENTY-FOUR	No 8 x 32mm countersunk self tap screw
BF020	TWO	L security reinforcement
BF021	TWO	U security reinforcement
BF093	FOUR	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	SIX	Security shoot bolt guide
BF117	SIX	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	FIVE	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Fabricator may wish to fit additional BF054 magnetic door stops to the bottom rails of the folding pass doors.

Kitting List

Type 7A (7-1-6)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7233	NINE	M4 x 16mm countersunk machine screw
7282	SIXTEEN	No 7 x 19mm countersunk self drill screw
BF035	ONE PAIR	Support block
BF040	TWO	Roller assembly
BF041	TWO	Top guide assembly
BF042	ONE	Half roller assembly
BF043	ONE	Half top guide assembly
BF045	FOURTEEN	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF057 with 7123 with 7243 with BF102 **or** BF058	THREE	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	THREE	Half euro cylinder (to be used with BF057)
	THREE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	THREE	Shoot bolt locking handle safety label
	THREE	Non-lock shoot bolt handle (Omit in security applications)
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF060	TWENTY-EIGHT	Glazing support
BF061	THREE	Shoot bolt lock
BF062 **or** BF107	THREE	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF063	NINE	Keep fixing plate - stile
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	SIX	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	THREE	Threaded rod 1200mm (For sash heights > 2320mm)
	THREE	Threaded rod 1500mm (For sash heights > 2320mm)
	THREE	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	FIFTY-SIX	Corner cleat
BF074	FOURTEEN	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF084 A or B	ONE	Latch and deadbolt keep - stile
BF086	ONE PAIR	Hook bolt and roller keep - stile
BF093	TWENTY-ONE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	SIXTEEN FOUR	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	SIX	M5 x 10mm countersunk machine screw (Hi only)
BF096	TWELVE	No 7 x 16 countersunk hi-lo self drill screw
BF113	SEVEN	Glass jack
BF114	SEVEN	Glass jack glazing support
BF122	TWO	Top guide block
CA23	TWO	Large corner brace
HR5064/450	FOUR	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape

ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** † BF045	THREE	'D' handle hinge assembly Hinge assembly

ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	THREE	Hinge assembly
BF048	THREE	'D' handle assembly (optional item)

ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWENTY-EIGHT	Moulded corner brace

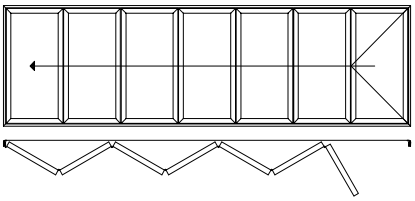
When BF042 half roller assembly and BF043 half top guide assembly are required, customer may wish to purchase BF098 circlip pliers to aid their assembly/installation.

PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWENTY-EIGHT	Corner brace
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	FOURTEEN	Standard bubble corner moulding
CA17	EIGHT	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	FOURTEEN PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	TWENTY-EIGHT	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	SEVEN PAIRS	Large bubble corner moulding
BF076	SEVEN PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	FOURTEEN	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7233	TWO	M4 x 16mm countersunk machine screw
BF045	SEVEN	Hinge assembly
BF048 ‡	THREE	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF063	TWO	Keep fixing plate - stile
BF090 A or B	ONE	Lock extension keep - stile
BF093	FIVE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	TWO	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	TWENTY-FOUR	No 8 x 32mm countersunk self tap screw
BF020	TWO	L security reinforcement
BF021	TWO	U security reinforcement
BF093	FOUR	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	SIX	Security shoot bolt guide
BF117	SIX	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	SIX	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Kitting List

Type 7C (7-7-0)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7223	NINE	No 7 x 25mm countersunk self drill screw
7282	EIGHT	No 7 x 19mm countersunk self drill screw
BF040	THREE	Roller assembly
BF041	THREE	Top guide assembly
BF045	TWELVE	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF054	ONE	Magnetic door stop
BF057 with 7123 with 7243 with BF102 **or** BF058	THREE	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	THREE	Half euro cylinder (to be used with BF057)
	THREE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	THREE	Shoot bolt locking handle safety label
	THREE	Non-lock shoot bolt handle (Omit in security applications)
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF060	TWENTY-EIGHT	Glazing support
BF061	THREE	Shoot bolt lock
BF062 **or** BF107	THREE	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF064	NINE	Keep fixing plate - jamb
BF066	ONE	Magnetic door stop safety label
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	SIX	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	THREE	Threaded rod 1200mm (For sash heights > 2320mm)
	THREE	Threaded rod 1500mm (For sash heights > 2320mm)
	THREE	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	FIFTY-SIX	Corner cleat
BF074	FOURTEEN	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF083 A or B	ONE	Latch and deadbolt keep - jamb
BF085	ONE PAIR	Hook bolt and roller keep - jamb
BF088	NINE	M4 x 20mm countersunk machine screw
BF093	TWELVE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	EIGHTEEN SIX	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	SIX	M5 x 10mm countersunk machine screw (Hi only)
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF113	SEVEN	Glass jack
BF114	SEVEN	Glass jack glazing support
BF122	THREE	Top guide block
CA23	TWO	Large corner brace
HR5064/450	FOUR	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape

ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** † BF045	THREE	'D' handle hinge assembly Hinge assembly

ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	THREE	Hinge assembly
BF048	THREE	'D' handle assembly (optional item)

ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWENTY-EIGHT	Moulded corner brace

ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWENTY-EIGHT	Corner brace

PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	FOURTEEN	Standard bubble corner moulding
CA17	EIGHT	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	FOURTEEN PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	TWENTY-EIGHT	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	SEVEN PAIRS	Large bubble corner moulding
BF076	SEVEN PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	FOURTEEN	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7223	TWO	No 7 x 25mm countersunk self drill screw
BF045	SEVEN	Hinge assembly
BF048 ‡	THREE	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF064	TWO	Keep fixing plate - jamb
BF088	TWO	M4 x 20mm countersunk machine screw
BF089 A or B	ONE	Lock extension keep - jamb
BF093	THREE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	ONE	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	TWENTY-FOUR	No 8 x 32mm countersunk self tap screw
BF020	ONE	L security reinforcement
BF021	ONE	U security reinforcement
BF093	TWO	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	SIX	Security shoot bolt guide
BF117	SIX	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	SIX	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

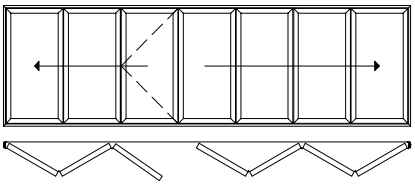
† When door sash height > 2200mm, BF045 must be selected.

‡ Open out door only.

Fabricator may wish to fit an additional BF054 magnetic door stop to the bottom rail of the folding pass door.

Kitting List

Type 7E (7-3-4)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7233	NINE	M4 x 16mm countersunk machine screw
7282	SIXTEEN	No 7 x 19mm countersunk self drill screw
BF035	ONE PAIR	Support block
BF040	TWO	Roller assembly
BF041	TWO	Top guide assembly
BF042	ONE	Half roller assembly
BF043	ONE	Half top guide assembly
BF045	FOURTEEN	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF054	ONE	Magnetic door stop
BF057 with 7123 with 7243 with BF102 **or** BF058	THREE	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	THREE	Half euro cylinder (to be used with BF057)
	THREE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	THREE	Shoot bolt locking handle safety label
	THREE	Non-lock shoot bolt handle (Omit in security applications)
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF060	TWENTY-EIGHT	Glazing support
BF061	THREE	Shoot bolt lock
BF062 **or** BF107	THREE	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF063	NINE	Keep fixing plate - stile
BF066	ONE	Magnetic door stop safety label
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	SIX	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	THREE	Threaded rod 1200mm (For sash heights > 2320mm)
	THREE	Threaded rod 1500mm (For sash heights > 2320mm)
	THREE	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	FIFTY-SIX	Corner cleat
BF074	FOURTEEN	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF084 A or B	ONE	Latch and deadbolt keep - stile
BF086	ONE PAIR	Hook bolt and roller keep - stile
BF093	TWENTY-ONE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	SIXTEEN FOUR	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	SIX	M5 x 10mm countersunk machine screw (Hi only)
BF096	TWELVE	No 7 x 16 countersunk hi-lo self drill screw
BF113	SEVEN	Glass jack
BF114	SEVEN	Glass jack glazing support
BF122	TWO	Top guide block
CA23	TWO	Large corner brace
HR5064/450	FOUR	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape

ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** BF045 †	THREE	'D' handle hinge assembly Hinge assembly

ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	THREE	Hinge assembly
BF048	THREE	'D' handle assembly (optional item)

ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWENTY-EIGHT	Moulded corner brace

ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWENTY-EIGHT	Corner brace

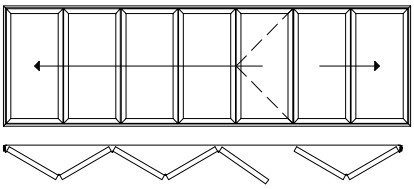
PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	FOURTEEN	Standard bubble corner moulding
CA17	EIGHT	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	FOURTEEN PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	TWENTY-EIGHT	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	SEVEN PAIRS	Large bubble corner moulding
BF076	SEVEN PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	FOURTEEN	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7233	TWO	M4 x 16mm countersunk machine screw
BF045	SEVEN	Hinge assembly
BF048 ‡	THREE	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF063	TWO	Keep fixing plate - stile
BF090 A or B	ONE	Lock extension keep - stile
BF093	FIVE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	TWO	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	TWENTY-FOUR	No 8 x 32mm countersunk self tap screw
BF020	TWO	L security reinforcement
BF021	TWO	U security reinforcement
BF093	FOUR	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	SIX	Security shoot bolt guide
BF117	SIX	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	SIX	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Fabricator may wish to fit an additional BF054 magnetic door stop to the bottom rail of the folding pass door.
When BF042 half roller assembly and BF043 half top guide assembly are required, customer may wish to purchase BF098 circlip pliers to aid their assembly/installation.

Kitting List

Type 7E (7-5-2)



System 26 Hi/Hi+

BI-FOLDING DOOR

PART No.	QUANTITY	DESCRIPTION
7233	NINE	M4 x 16mm countersunk machine screw
7282	SIXTEEN	No 7 x 19mm countersunk self drill screw
BF035	ONE PAIR	Support block
BF040	TWO	Roller assembly
BF041	TWO	Top guide assembly
BF042	ONE	Half roller assembly
BF043	ONE	Half top guide assembly
BF045	FOURTEEN	Hinge assembly
BF050	ONE	Door lock
BF052	ONE PAIR	Lever handle set (Omit in security applications)
BF054	ONE	Magnetic door stop
BF057 with 7123 with 7243 with BF102 **or** BF058	THREE	Locking shoot bolt handle (used instead of BF058 if 7123 half euro cylinder is selected)
	THREE	Half euro cylinder (to be used with BF057)
	THREE	M5 x 30mm pan head machine screw (used with 7123 half euro cylinder)
	THREE	Shoot bolt locking handle safety label
	THREE	Non-lock shoot bolt handle (Omit in security applications)
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF060	TWENTY-EIGHT	Glazing support
BF061	THREE	Shoot bolt lock
BF062 **or** BF107	THREE	Shoot bolt lock cover (Hi) Foam shoot bolt lock cover (Hi+)
BF063	NINE	Keep fixing plate - stile
BF066	ONE	Magnetic door stop safety label
BF069/1200 **or** BF069/1200 with BF069/1500 **or** BF069/2000	SIX	Threaded rod 1200mm (For sash heights from 2200 to 2320mm)
	THREE	Threaded rod 1200mm (For sash heights > 2320mm)
	THREE	Threaded rod 1500mm (For sash heights > 2320mm)
	THREE	Threaded rod 2000mm (For sash heights < 2200mm)
BF072	FOUR	Corner cleat
BF073	FIFTY-SIX	Corner cleat
BF074	FOURTEEN	Standard bubble corner moulding
BF080 **or** BF081 **or** BF108	ONE	Select cylinder/thumbturn to suit. (Omit in security applications)
BF084 A or B	ONE	Latch and deadbolt keep - stile
BF086	ONE PAIR	Hook bolt and roller keep - stile
BF093	TWENTY-ONE	No 7 x 32mm countersunk hi-lo self drill screw
BF094	SIXTEEN FOUR	No 10 x 25mm countersunk hi-lo self drill screw In security applications only
BF095	SIX	M5 x 10mm countersunk machine screw (Hi only)
BF096	TWELVE	No 7 x 16 countersunk hi-lo self drill screw
BF113	SEVEN	Glass jack
BF114	SEVEN	Glass jack glazing support
BF122	TWO	Top guide block
CA23	TWO	Large corner brace
HR5064/450	FOUR	Foil-backed sealant tape
HR5064/200	ONE	Foil-backed sealant tape

ADDITIONAL ITEMS FOR OPEN OUT DOOR		
BF044 **or** BF045 †	THREE	'D' handle hinge assembly Hinge assembly

ADDITIONAL ITEMS FOR OPEN IN DOOR		
BF045	THREE	Hinge assembly
BF048	THREE	'D' handle assembly (optional item)

ADDITIONAL ITEMS FOR CURVED SASH		
7019	TWENTY-EIGHT	Moulded corner brace

ADDITIONAL ITEMS FOR SQUARE SASH		
535	TWENTY-EIGHT	Corner brace

PART No.	QUANTITY	DESCRIPTION
ADDITIONAL ITEMS FOR REBATED THRESHOLD		
BF059	THREE SETS	Shoot bolt set (Omit in security applications)
BF072	FOUR	Corner cleat
BF074	FOURTEEN	Standard bubble corner moulding
CA17	EIGHT	Drainage cap
CA23	TWO	Large corner brace
SL099	4 x 24mm	Foam filler
ADDITIONAL ITEMS FOR FLUSH THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF076	FOURTEEN PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	TWENTY-EIGHT	Roll pins
ADDITIONAL ITEMS FOR DOMESTIC THRESHOLD		
7263	FOUR	No 10 x 38mm cap head self tap screw
BF075	SEVEN PAIRS	Large bubble corner moulding
BF076	SEVEN PAIRS	Standard end moulding
BF100	THREE	Aluminium shoot bolt
BF101	THREE	Black nylon block
HR5093	FOURTEEN	Roll pins
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH REBATED THRESHOLD		
CA23	FOUR	Large corner brace
PTS55	FOUR	Corner brace
ADDITIONAL ITEMS FOR CURTAIN WALLING OUTER FRAME WITH FLUSH OR DOMESTIC THRESHOLD		
CA23	TWO	Large corner brace
PTS55	TWO	Corner brace
ADDITIONAL ITEMS FOR DOOR SASH HEIGHTS > 2200mm		
7233	TWO	M4 x 16mm countersunk machine screw
BF045	SEVEN	Hinge assembly
BF048 ‡	THREE	'D' handle assembly (optional item)
BF051	ONE	Lock extension
BF063	TWO	Keep fixing plate - stile
BF090 A or B	ONE	Lock extension keep - stile
BF093	FIVE	No 7 x 32mm countersunk hi-lo self drill screw
BF096	TWO	No 7 x 16 countersunk hi-lo self drill screw
ADDITIONAL ITEMS FOR SECURITY APPLICATIONS		
7275	TWENTY-FOUR	No 8 x 32mm countersunk self tap screw
BF020	TWO	L security reinforcement
BF021	TWO	U security reinforcement
BF093	FOUR	No 7 x 32 countersunk hi-lo self drill screw
BF096	SIX	No 7 x 16 countersunk hi-lo self drill screw
BF110 **or** BF111 **or** BF112 **or** BF119	ONE	Select cylinder/thumbturn to suit.
BF115	SIX	Security support plate
BF116	SIX	Security shoot bolt guide
BF117	SIX	Security shoot bolt
BF118	ONE PAIR	Security lever handle set
BF120	SIX	Reinforcing infill
BF121	SIX	M4 x 50mm countersunk machine screw

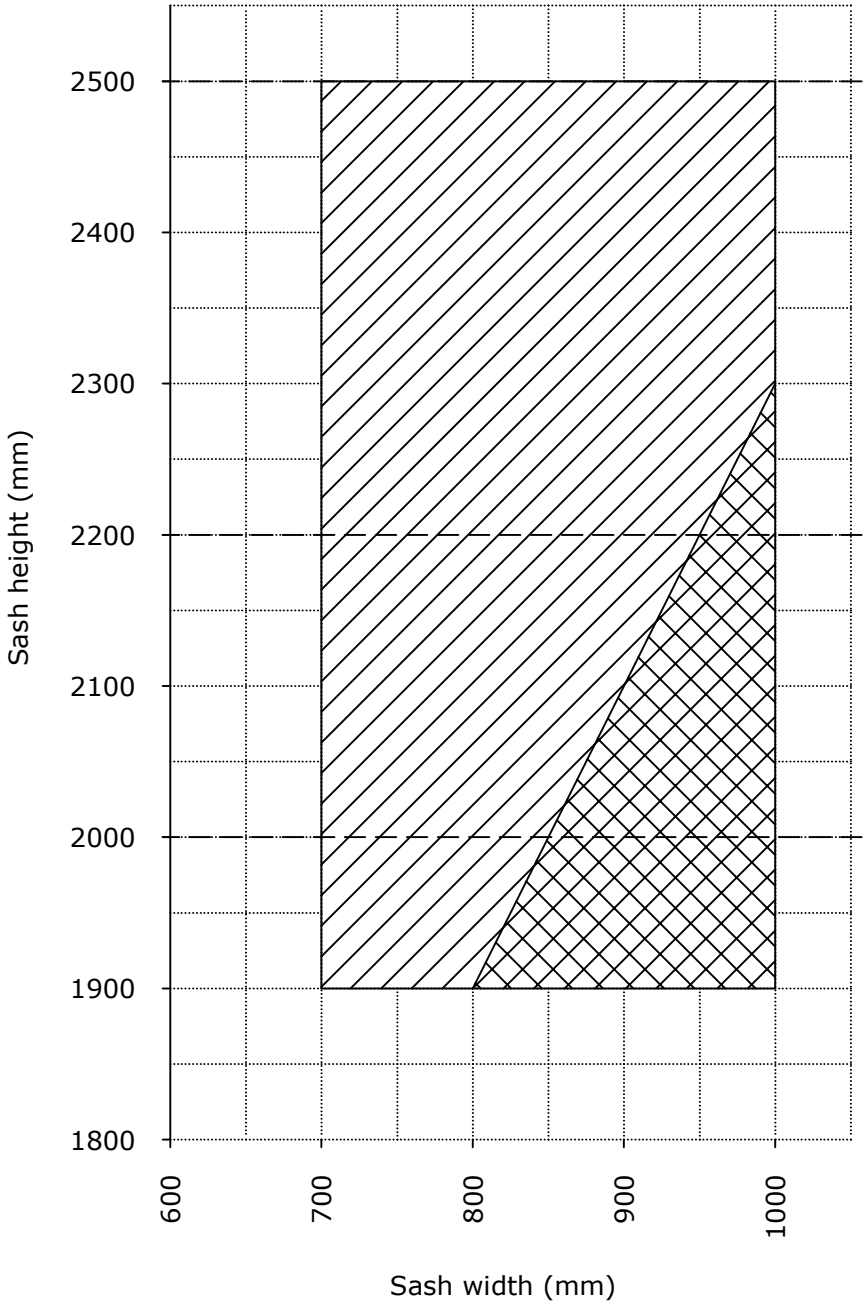
† When door sash height > 2200mm, BF045 must be selected.
‡ Open out door only.

Fabricator may wish to fit an additional BF054 magnetic door stop to the bottom rail of the folding pass door.
When BF042 half roller assembly and BF043 half top guide assembly are required, customer may wish to purchase BF098 circlip pliers to aid their assembly/installation.

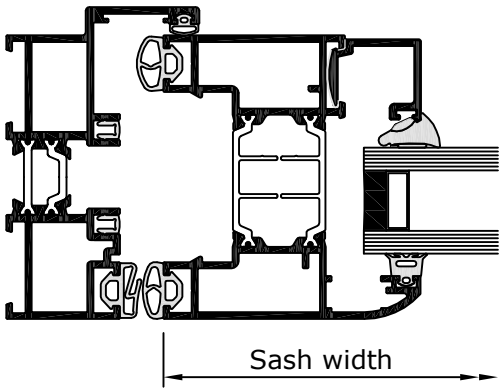
Door Leaf Size Limitation Chart

System 26 Hi/Hi+
BI-FOLDING DOOR

Refer to sheet "Sash Bar Cutting Sizes" in Section 4 of this manual for sash width / height of required door type and configuration. Also see sheets "Door Type Maximum and Minimum Size Limitations" in Section 3 of this manual.

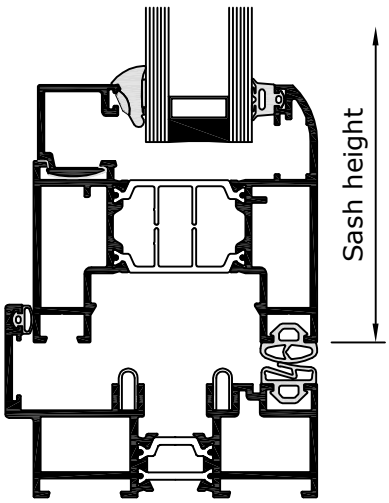


4 No Hinges.



3 No Hinges.
Lock extension BF051 to be used above this line

Spindle height to be reduced below this line. Refer to "BF050 Lock and Keep Details" and "BF061 Shootbolt Lock Details" sheets.



Maximum sash weight limitation = 100Kg.

Maximum sash weight limitation = 90Kg.

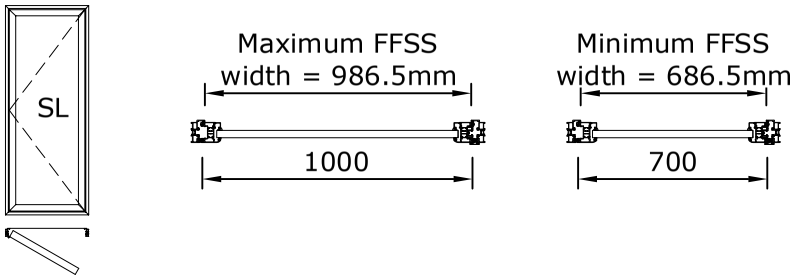
Door Type Maximum and Minimum Size Limitations

System 26 Hi/Hi+
BI-FOLDING DOOR

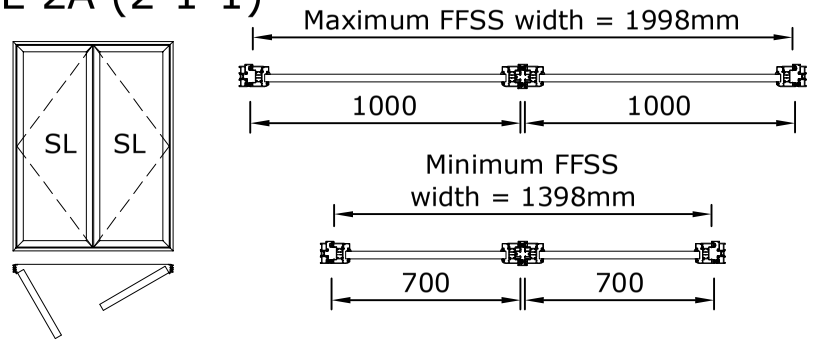
	Maximum FFSS height	Minimum FFSS height
Fully rebated outer frame	2480mm	1880mm
Flush threshold	2501mm	1901mm

Overall frame dimension:
BF001002 with BF001002 = FFSS + 102mm
BF001008/BF009002 with BF001008/BF009002 = FFSS + 140mm
BF001002 with BF017 = FFSS + 66mm
BF001008/BF009002 with BF017 = FFSS + 85mm

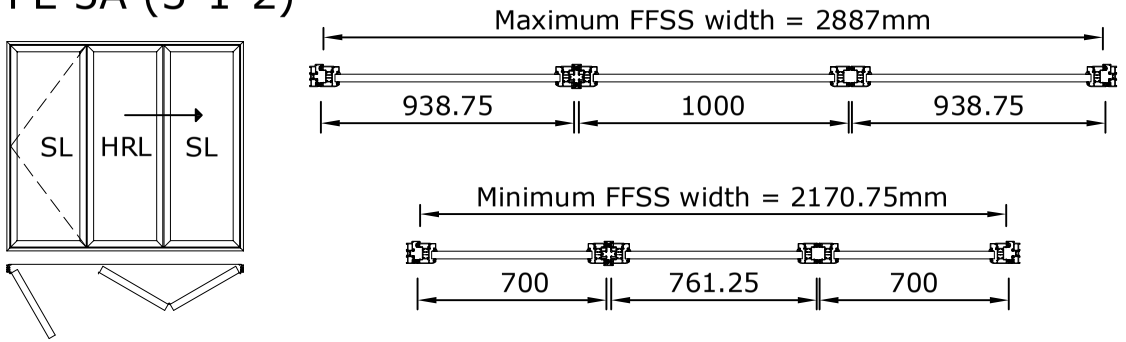
TYPE 1A (1-1-0)



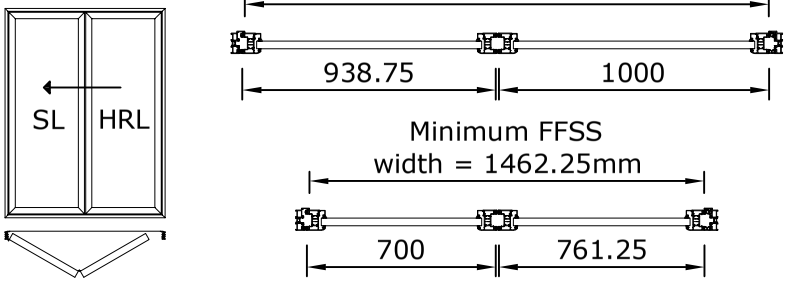
TYPE 2A (2-1-1)



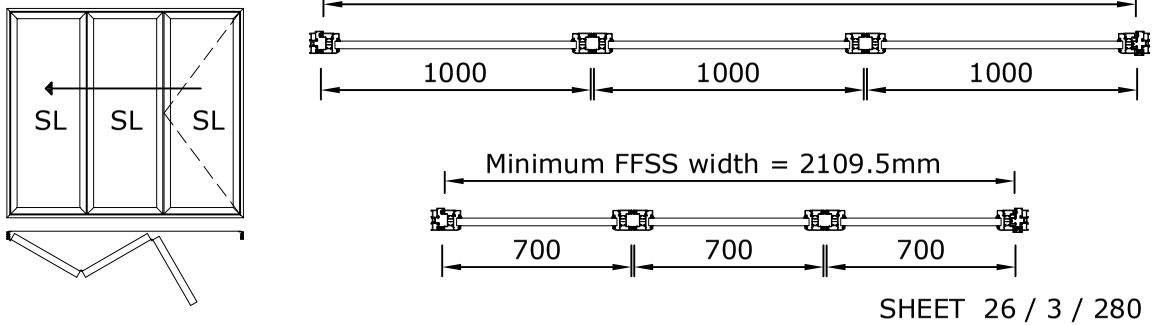
TYPE 3A (3-1-2)



TYPE 2B (2-2-0)



TYPE 3C (3-3-0)



Scale 1:28

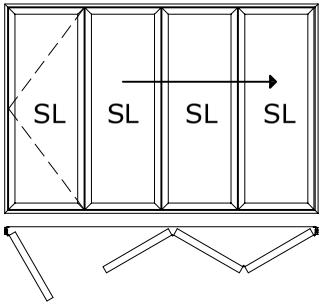
Door Type Maximum and Minimum Size Limitations

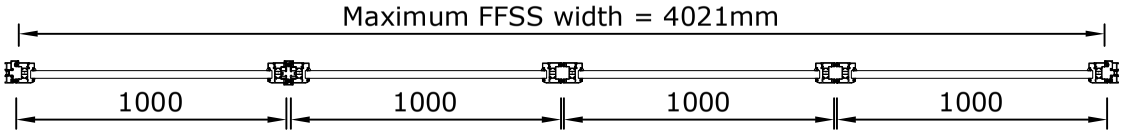
System 26 Hi/Hi+
BI-FOLDING DOOR

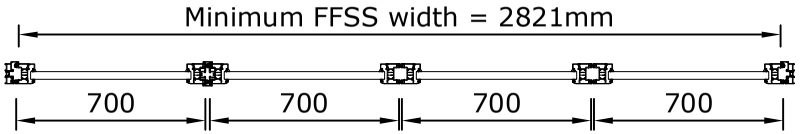
	Maximum FFSS height	Minimum FFSS height
Fully rebated outer frame	2480mm	1880mm
Flush threshold	2501mm	1901mm

Overall frame dimension:
BF001002 with BF001002 = FFSS + 102mm
BF001008/BF009002 with BF001008/BF009002 = FFSS + 140mm
BF001002 with BF017 = FFSS + 66mm
BF001008/BF009002 with BF017 = FFSS + 85mm

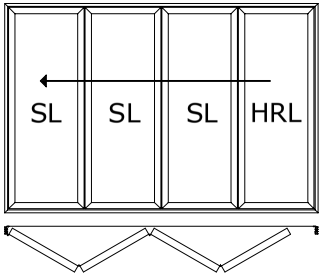
TYPE 4A (4-1-3)

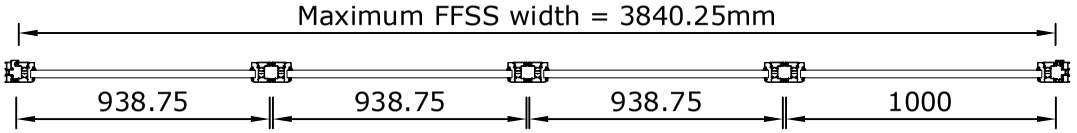


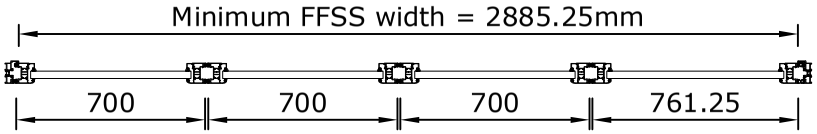




TYPE 4B (4-4-0)







Scale 1:28

Door Type Maximum and Minimum Size Limitations

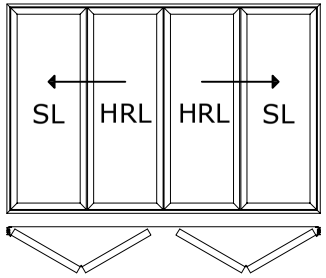
System 26 Hi/Hi+

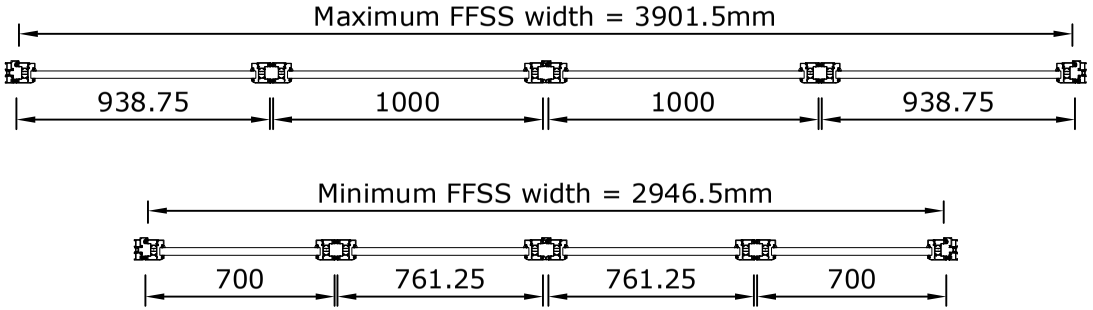
BI-FOLDING DOOR

	Maximum FFSS height	Minimum FFSS height
Fully rebated outer frame	2480mm	1880mm
Flush threshold	2501mm	1901mm

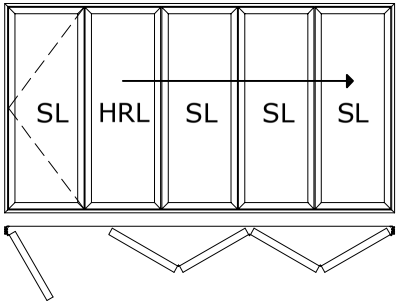
Overall frame dimension:
BF001002 with BF001002 = FFSS + 102mm
BF001008/BF009002 with BF001008/BF009002 = FFSS + 140mm
BF001002 with BF017 = FFSS + 66mm
BF001008/BF009002 with BF017 = FFSS + 85mm

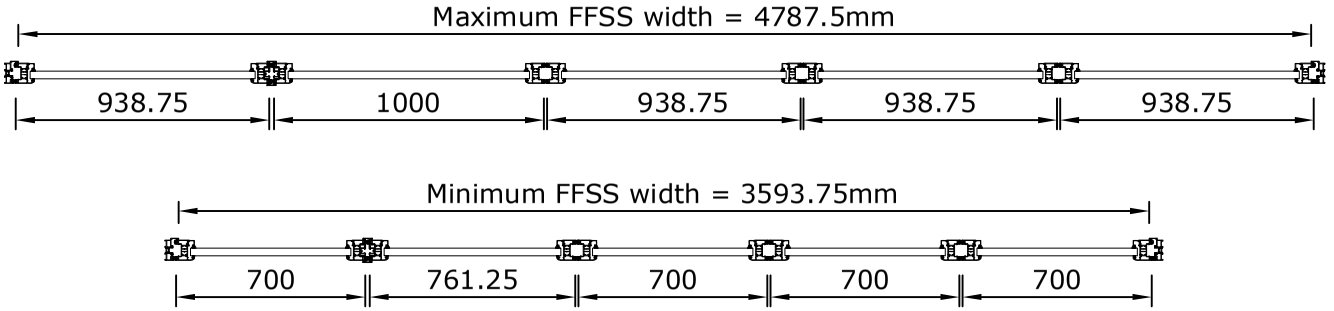
TYPE 4D (4-2-2)





TYPE 5A (5-1-4)





Scale 1:28

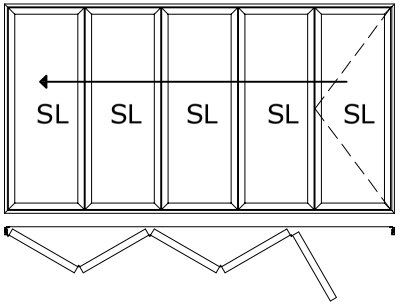
Door Type Maximum and Minimum Size Limitations

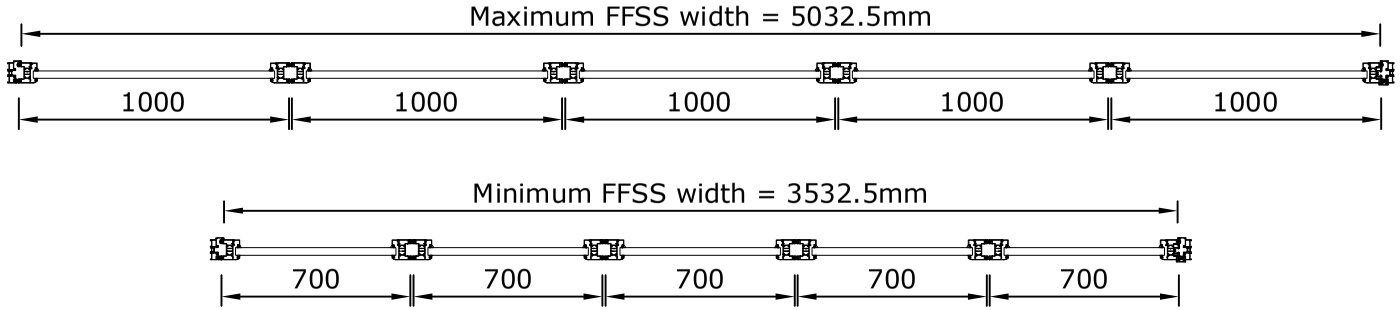
System 26 Hi/Hi+
BI-FOLDING DOOR

	Maximum FFSS height	Minimum FFSS height
Fully rebated outer frame	2480mm	1880mm
Flush threshold	2501mm	1901mm

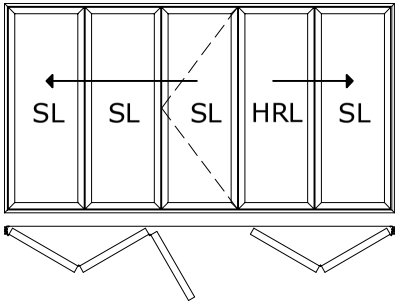
Overall frame dimension:
BF001002 with BF001002 = FFSS + 102mm
BF001008/BF009002 with BF001008/BF009002 = FFSS + 140mm
BF001002 with BF017 = FFSS + 66mm
BF001008/BF009002 with BF017 = FFSS + 85mm

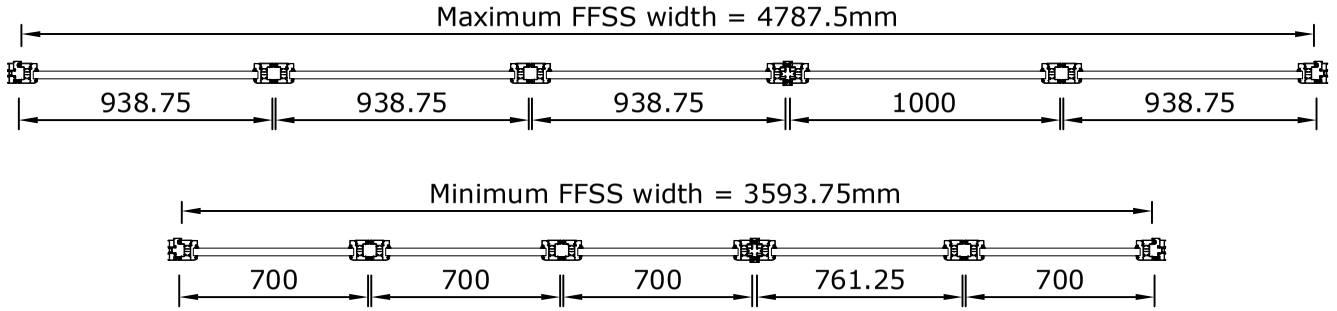
TYPE 5C (5-5-0)





TYPE 5E (5-3-2)





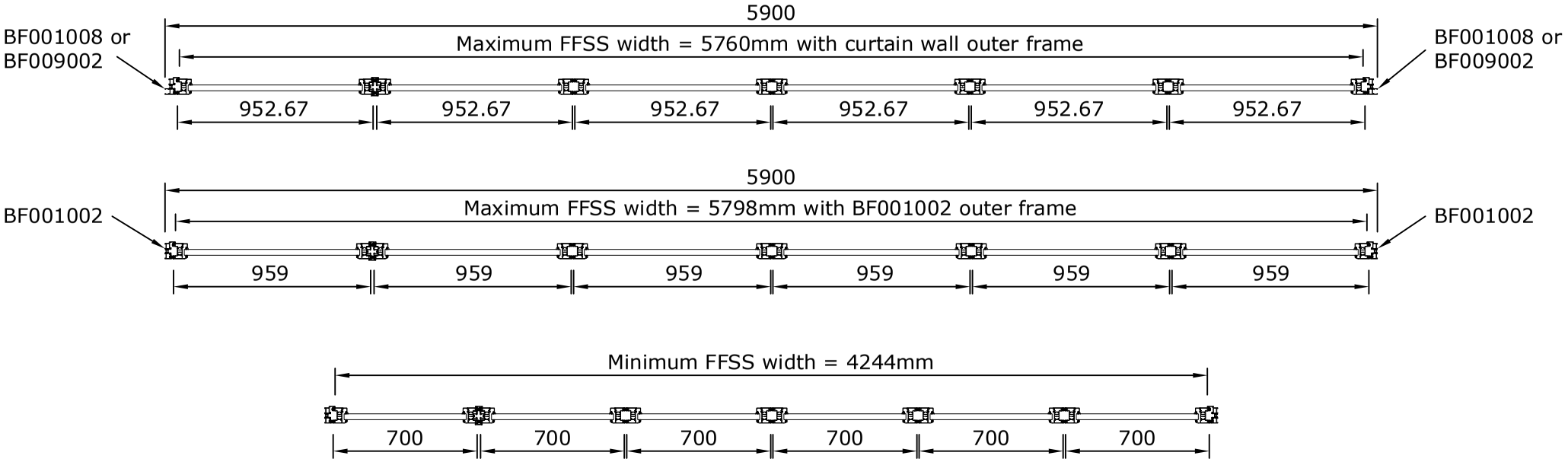
Scale 1:28

Door Type Maximum and Minimum Size Limitations

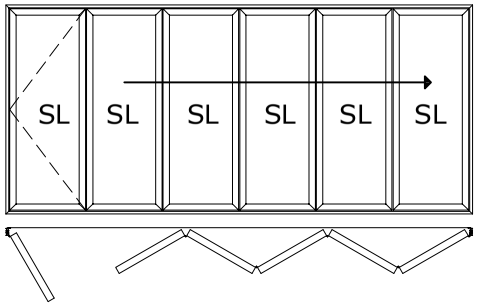
System 26 Hi/Hi+
BI-FOLDING DOOR

	Maximum FFSS height	Minimum FFSS height
Fully rebated outer frame	2480mm	1880mm
Flush threshold	2501mm	1901mm

Overall frame dimension:
BF001002 with BF001002 = FFSS + 102mm
BF001008/BF009002 with BF001008/BF009002 = FFSS + 140mm
BF001002 with BF017 = FFSS + 66mm
BF001008/BF009002 with BF017 = FFSS + 85mm



TYPE 6A (6-1-5)



For outer frame dimensions greater than 5900mm, up to a maximum of 6146mm for equal leg outer frame BF001002, and 6184mm for curtain wall outer frames BF001008 and BF009002, with rebated thresholds only, refer to Metal Technology's Technical Department.

Scale 1:28

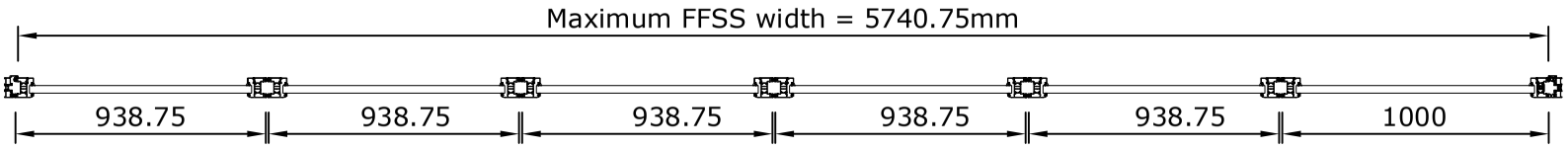
Door Type Maximum and Minimum Size Limitations

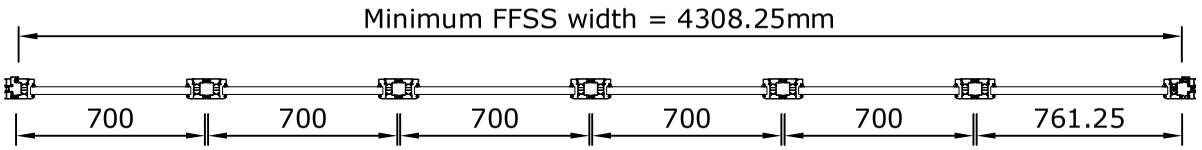
System 26 Hi/Hi+

BI-FOLDING DOOR

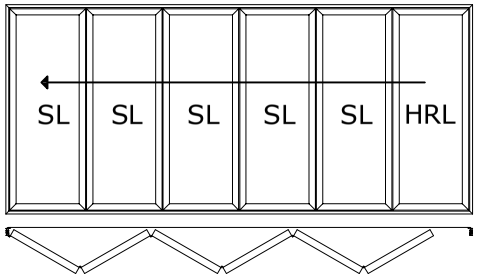
	Maximum FFSS height	Minimum FFSS height
Fully rebated outer frame	2480mm	1880mm
Flush threshold	2501mm	1901mm

Overall frame dimension:
BF001002 with BF001002 = FFSS + 102mm
BF001008/BF009002 with BF001008/BF009002 = FFSS + 140mm
BF001002 with BF017 = FFSS + 66mm
BF001008/BF009002 with BF017 = FFSS + 85mm





TYPE 6B (6-6-0)



Scale 1:28

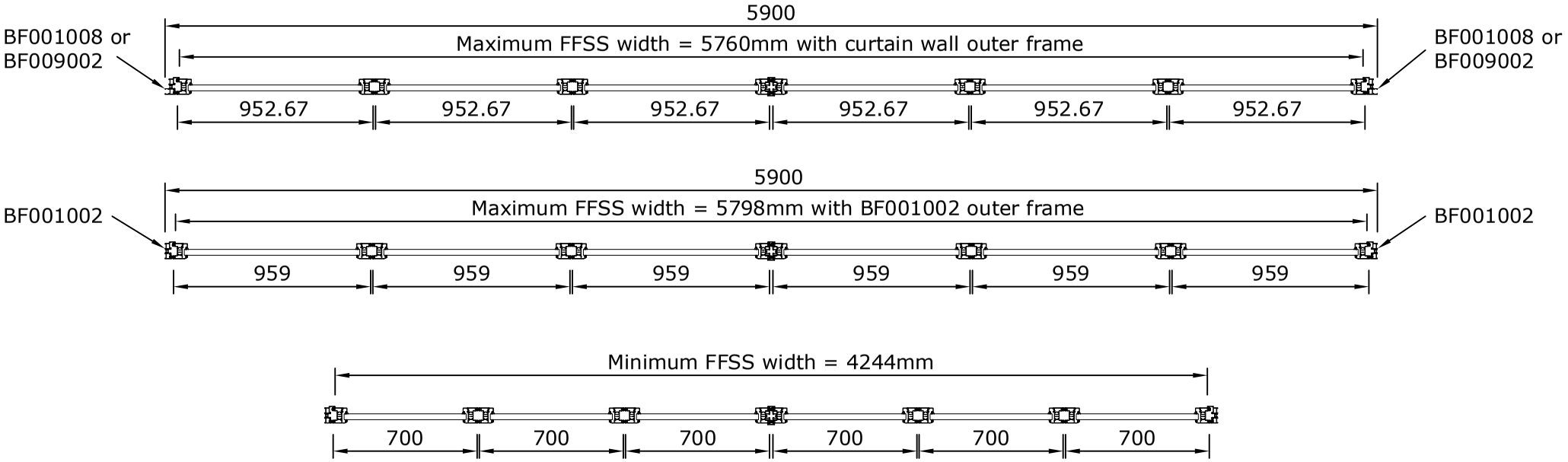
Door Type Maximum and Minimum Size Limitations

System 26 Hi/Hi+

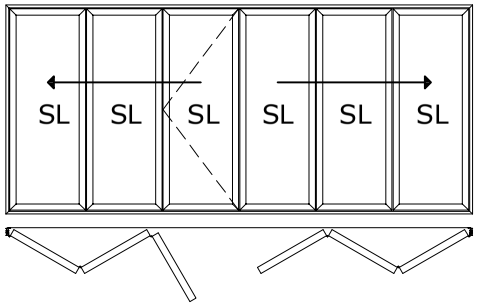
BI-FOLDING DOOR

	Maximum FFSS height	Minimum FFSS height
Fully rebated outer frame	2480mm	1880mm
Flush threshold	2501mm	1901mm

Overall frame dimension:
BF001002 with BF001002 = FFSS + 102mm
BF001008/BF009002 with BF001008/BF009002 = FFSS + 140mm
BF001002 with BF017 = FFSS + 66mm
BF001008/BF009002 with BF017 = FFSS + 85mm



TYPE 6E (6-3-3)



For outer frame dimensions greater than 5900mm, up to a maximum of 6146mm for equal leg outer frame BF001002, and 6184mm for curtain wall outer frames BF001008 and BF009002, with rebated thresholds only, refer to Metal Technology's Technical Department.

Scale 1:28

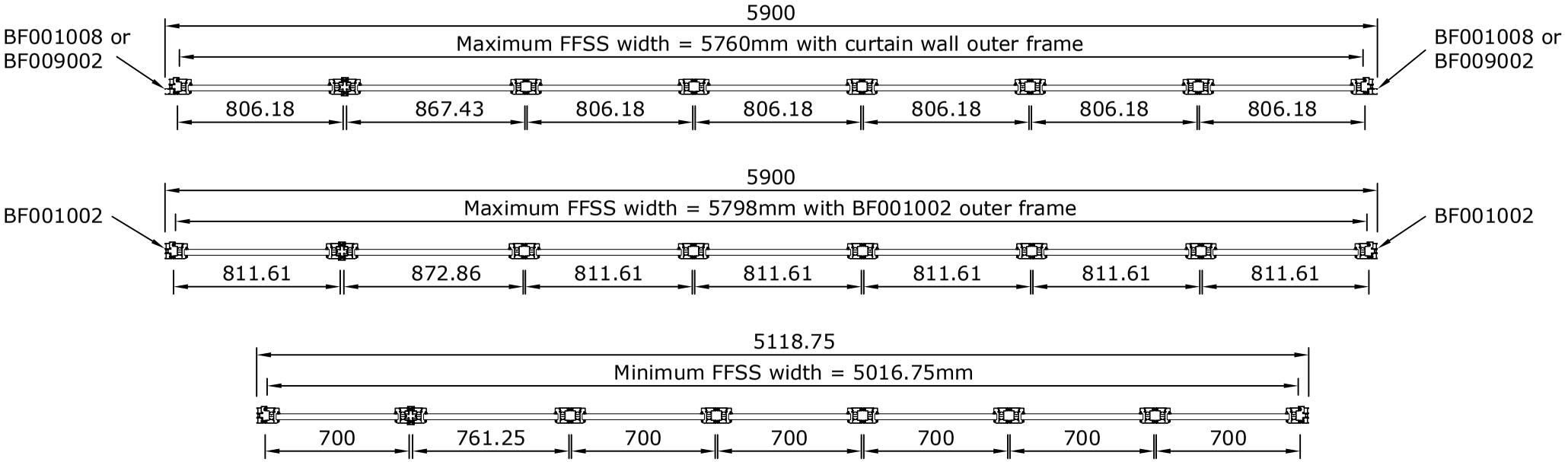
Door Type Maximum and Minimum Size Limitations

System 26 Hi/Hi+

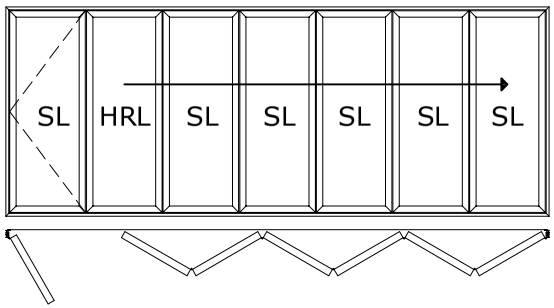
BI-FOLDING DOOR

	Maximum FFSS height	Minimum FFSS height
Fully rebated outer frame	2480mm	1880mm
Flush threshold	2501mm	1901mm

Overall frame dimension:
BF001002 with BF001002 = FFSS + 102mm
BF001008/BF009002 with BF001008/BF009002 = FFSS + 140mm
BF001002 with BF017 = FFSS + 66mm
BF001008/BF009002 with BF017 = FFSS + 85mm



TYPE 7A (7-1-6)



For outer frame dimensions greater than 5900mm, up to a maximum of 6739mm for equal leg outer frame BF001002, and 6777mm for curtain wall outer frames BF001008 and BF009002, with rebated thresholds only, refer to Metal Technology's Technical Department.

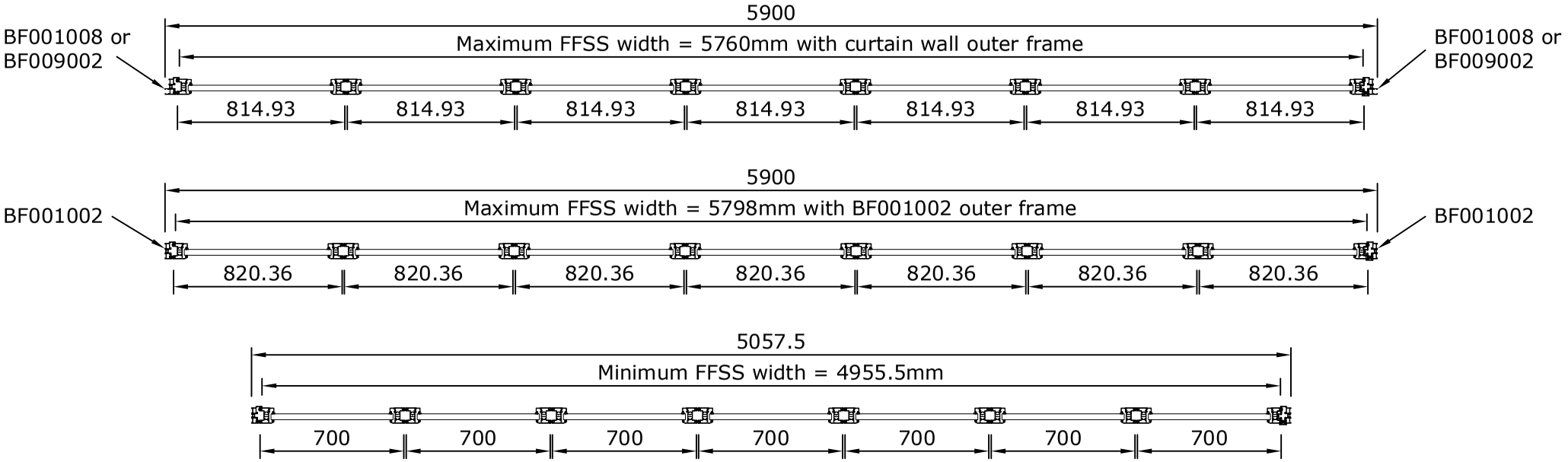
Scale 1:28

Door Type Maximum and Minimum Size Limitations

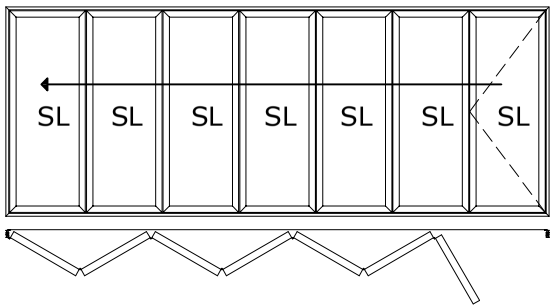
System 26 Hi/Hi+
BI-FOLDING DOOR

	Maximum FFSS height	Minimum FFSS height
Fully rebated outer frame	2480mm	1880mm
Flush threshold	2501mm	1901mm

Overall frame dimension:
BF001002 with BF001002 = FFSS + 102mm
BF001008/BF009002 with BF001008/BF009002 = FFSS + 140mm
BF001002 with BF017 = FFSS + 66mm
BF001008/BF009002 with BF017 = FFSS + 85mm



TYPE 7C (7-7-0)



For outer frame dimensions greater than 5900mm, up to a maximum of 7055.5mm for equal leg outer frame BF001002, and 7093.5mm for curtain wall outer frames BF001008 and BF009002, with rebated thresholds only, refer to Metal Technology's Technical Department.

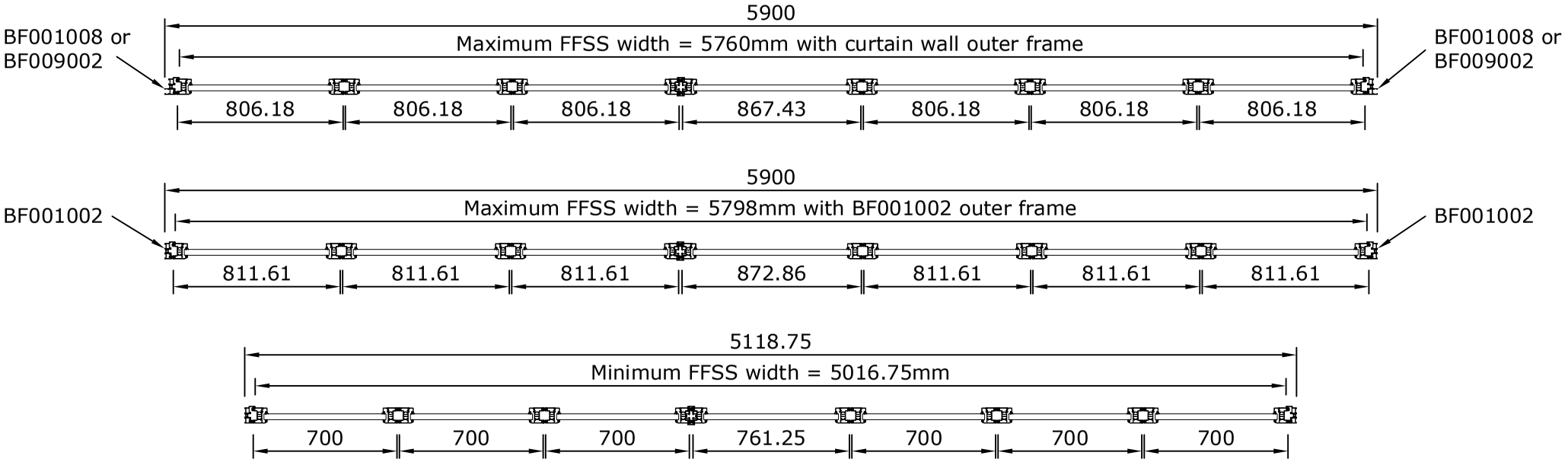
Scale 1:28

Door Type Maximum and Minimum Size Limitations

System 26 Hi/Hi+
BI-FOLDING DOOR

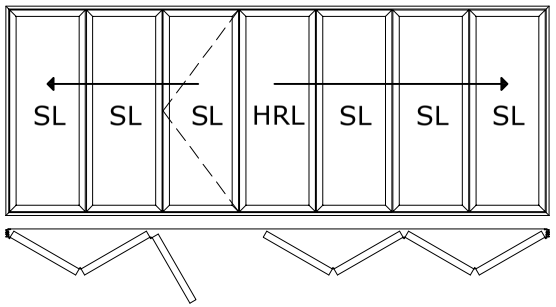
	Maximum FFSS height	Minimum FFSS height
Fully rebated outer frame	2480mm	1880mm
Flush threshold	2501mm	1901mm

Overall frame dimension:
BF001002 with BF001002 = FFSS + 102mm
BF001008/BF009002 with BF001008/BF009002 = FFSS + 140mm
BF001002 with BF017 = FFSS + 66mm
BF001008/BF009002 with BF017 = FFSS + 85mm

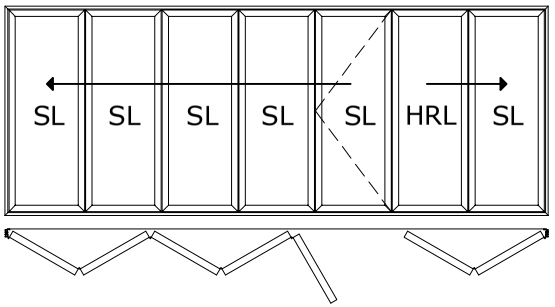


For outer frame dimensions greater than 5900mm, up to a maximum of 6739mm for equal leg outer frame BF001002, and 6777mm for curtain wall outer frames BF001008 and BF009002, with rebated thresholds only, refer to Metal Technology's Technical Department.

TYPE 7E (7-3-5)



TYPE 7E (7-5-2)



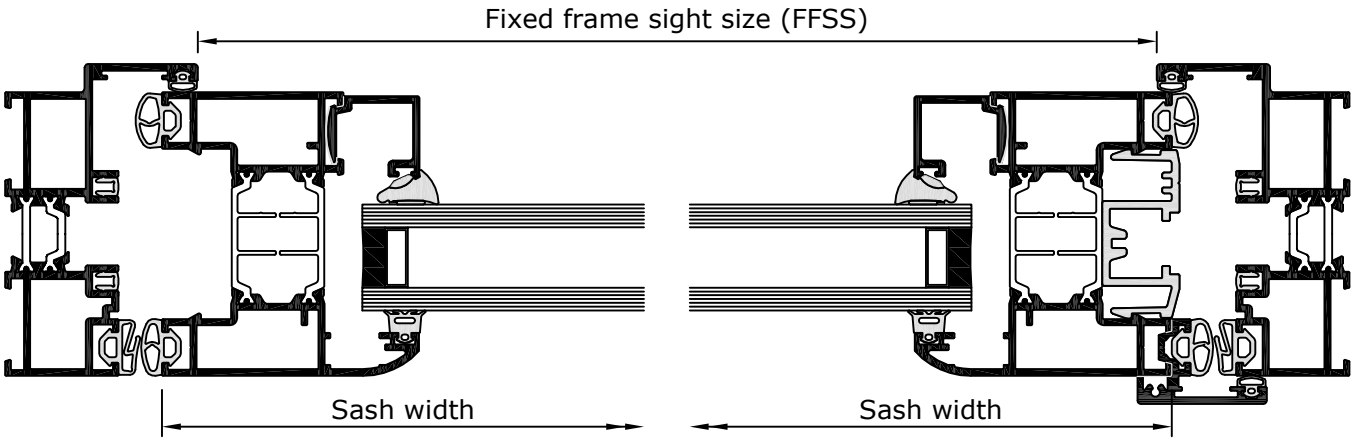
Scale 1:28

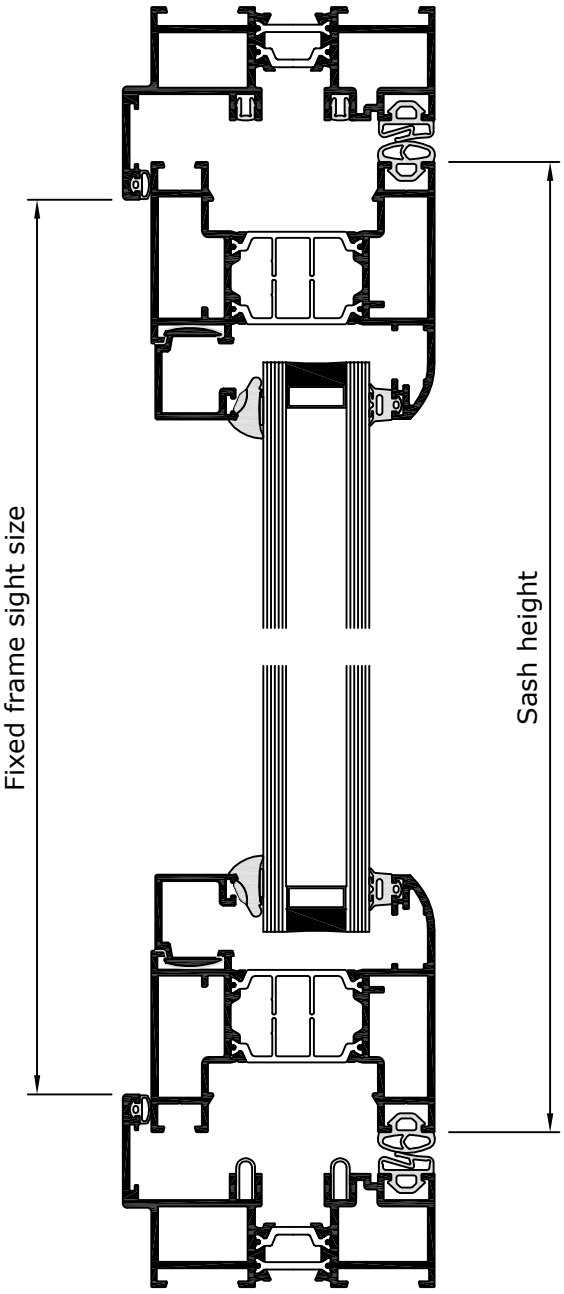
Bar Cutting Sizes

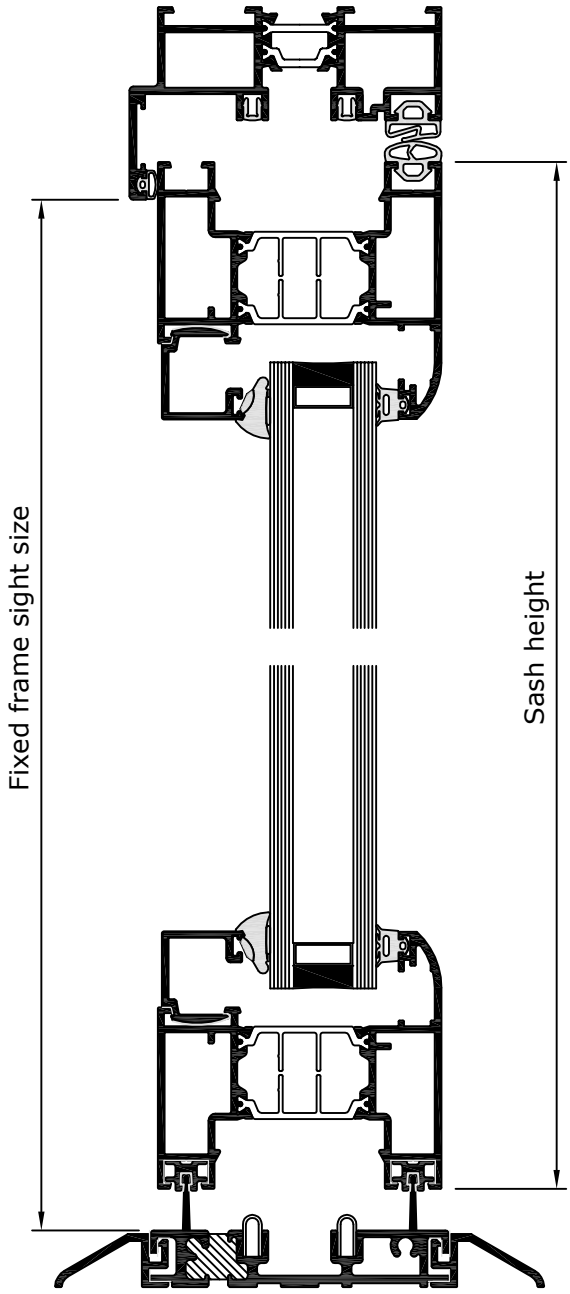
System 26 Hi/Hi+

BI-FOLDING DOOR

All cutting sizes in this range are calculated from the fixed frame sight sizes. This is the distance measured between the tops of the rebate legs as illustrated below.







The fixed frame sight size can be calculated from the "FFSS Ready Reckoner", the section drawings or dimensioned general arrangement drawings provided.

Scale 1:2

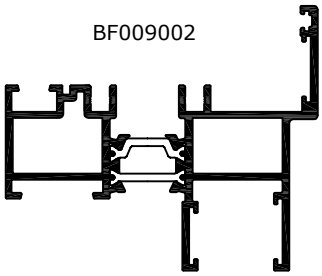
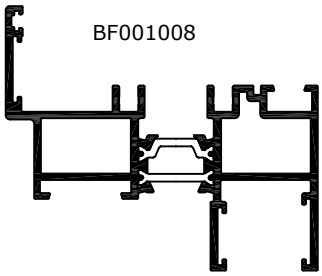
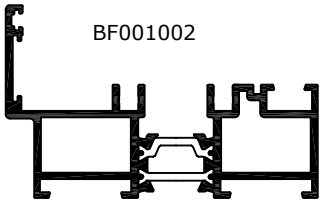
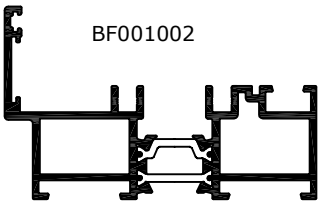
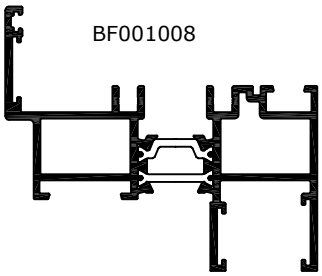
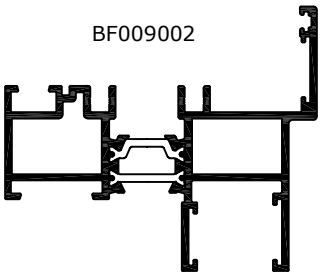
FFSS Ready Reckoner

(To Calculate Fixed Frame Sight Sizes)

System 26 Hi/Hi+

BI-FOLDING DOOR

The following grid can be used to calculate the fixed frame sight sizes (FFSS) directly from your fabrication sizes. Select the appropriate sections from the horizontal and vertical axes and read across to their point of intersection on the grid. Subtract the resultant figure from your fabrication size to obtain the appropriate fixed frame sight size (FFSS).

BF009002 	-	-	140
BF001008 	-	140	-
BF001002 	102	-	-
BF017 	66	85	85
	BF001002 	BF001008 	BF009002 

Scale 1:2

Sash Bar Cutting Sizes

CUTTING SIZES FOR HORIZONTAL SASH BARS BF005007/BF006007

DOOR TYPE	STANDARD LEAF		HALF ROLLER LEAF		BAR END PREPARATION
	QUANTITY HEAD AND CILL	BAR LENGTH	QUANTITY HEAD AND CILL	BAR LENGTH	
1A	TWO	FFSS plus 13.5mm	NIL	N/A	45° MITRE BOTH ENDS
2A	FOUR	(FFSS plus 2mm)/2	NIL	N/A	45° MITRE BOTH ENDS
2B	TWO	(FFSS less 62.25mm)/2	TWO	STANDARD LEAF plus 61.25mm	45° MITRE BOTH ENDS
3A	FOUR	(FFSS less 70.75mm)/3	TWO	STANDARD LEAF plus 61.25mm	45° MITRE BOTH ENDS
3C	SIX	(FFSS less 9.5mm)/3	NIL	N/A	45° MITRE BOTH ENDS
4A	EIGHT	(FFSS less 21mm)/4	NIL	N/A	45° MITRE BOTH ENDS
4B	SIX	(FFSS less 85.25mm)/4	TWO	STANDARD LEAF plus 61.25mm	45° MITRE BOTH ENDS
4D	FOUR	(FFSS less 146.5mm)/4	FOUR	STANDARD LEAF plus 61.25mm	45° MITRE BOTH ENDS
5A	EIGHT	(FFSS less 93.75mm)/5	TWO	STANDARD LEAF plus 61.25mm	45° MITRE BOTH ENDS
5C	TEN	(FFSS less 32.5mm)/5	NIL	N/A	45° MITRE BOTH ENDS
5E	EIGHT	(FFSS less 93.75mm)/5	TWO	STANDARD LEAF plus 61.25mm	45° MITRE BOTH ENDS
6A	TWELVE	(FFSS less 44mm)/6	NIL	N/A	45° MITRE BOTH ENDS
6B	TEN	(FFSS less 108.25mm)/6	TWO	STANDARD LEAF plus 61.25mm	45° MITRE BOTH ENDS
6E	TWELVE	(FFSS less 44mm)/6	NIL	N/A	45° MITRE BOTH ENDS
7A	TWELVE	(FFSS less 116.75mm)/7	TWO	STANDARD LEAF plus 61.25mm	45° MITRE BOTH ENDS
7C	FOURTEEN	(FFSS less 55.5mm)/7	NIL	N/A	45° MITRE BOTH ENDS
7E	TWELVE	(FFSS less 116.75mm)/7	TWO	STANDARD LEAF plus 61.25mm	45° MITRE BOTH ENDS

CUTTING SIZES FOR VERTICAL SASH BARS BF005007/BF006007

DOOR TYPE	STANDARD AND HALF ROLLER LEAVES			BAR END PREPARATION
	QUANTITY JAMB	BAR LENGTH REBATED CILL	BAR LENGTH LOW THRESHOLD CILL	
1A	TWO	FFSS plus 20mm	FFSS less 1mm	45° MITRE BOTH ENDS
2A	FOUR			
2B	FOUR			
3A	SIX			
3C	SIX			
4A	EIGHT			
4B	EIGHT			
4D	EIGHT			
5A	TEN			
5C	TEN			
5E	TEN			
6A	TWELVE			
6B	TWELVE			
6E	TWELVE			
7A	FOURTEEN			
7C	FOURTEEN			
7E	FOURTEEN			

CUTTING SIZES FOR REBATE ADAPTOR BF014

DOOR TYPE	QUANTITY JAMB	BAR LENGTH	BAR END PREPARATION
1A	ONE	SASH HEIGHT	ENDS CUT SQUARE AND PREPPED
2A	TWO		
2B	NIL		
3A	TWO		
3C	ONE		
4A	TWO		
4B	NIL		
4D	ONE		
5A	TWO		
5C	ONE		
5E	TWO		
6A	TWO		
6B	NIL		
6E	TWO		
7A	TWO		
7C	ONE		
7E	TWO		

CUTTING SIZES FOR PVC LINER BF030

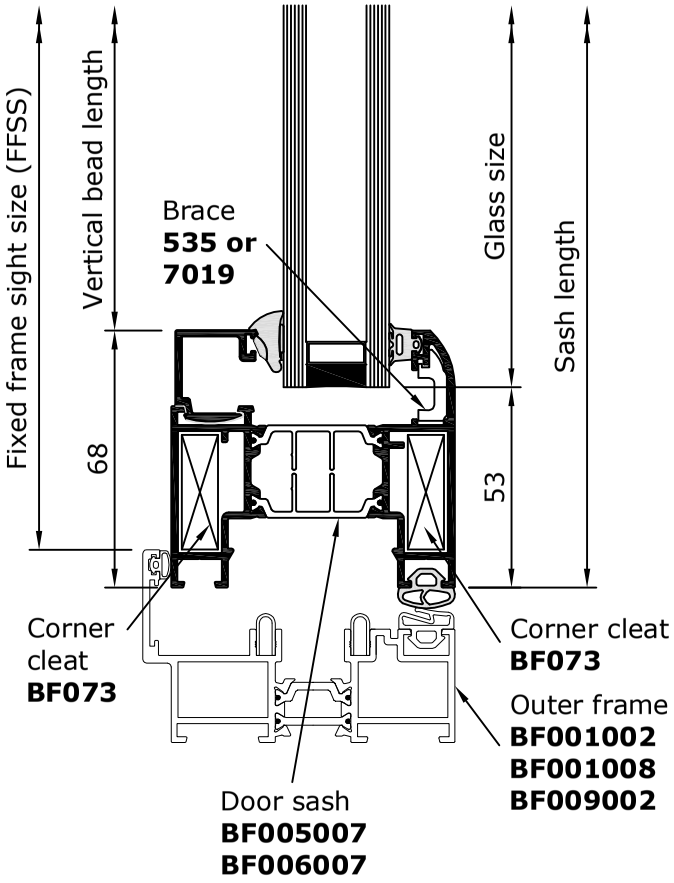
DOOR TYPE	STANDARD LEAF		HALF ROLLER LEAF		BAR END PREPARATION
	QUANTITY JAMB	BAR LENGTH	QUANTITY JAMB	BAR LENGTH	
1A	ONE	SASH HEIGHT less 37mm	NIL	N/A	ENDS CUT SQUARE
2A	TWO		NIL	N/A	ENDS CUT SQUARE
2B	NIL		NIL	N/A	ENDS CUT SQUARE
3A	ONE		ONE	SASH HEIGHT less 324mm	ENDS CUT SQUARE
3C	ONE		NIL	N/A	ENDS CUT SQUARE
4A	TWO		NIL	N/A	ENDS CUT SQUARE
4B	NIL		NIL	N/A	ENDS CUT SQUARE
4D	NIL		NIL	N/A	ENDS CUT SQUARE
5A	ONE		ONE	SASH HEIGHT less 324mm	ENDS CUT SQUARE
5C	ONE		NIL	N/A	ENDS CUT SQUARE
5E	ONE		ONE	SASH HEIGHT less 324mm	ENDS CUT SQUARE
6A	TWO		NIL	N/A	ENDS CUT SQUARE
6B	NIL		NIL	N/A	ENDS CUT SQUARE
6E	TWO		NIL	N/A	ENDS CUT SQUARE
7A	ONE		ONE	SASH HEIGHT less 324mm	ENDS CUT SQUARE
7C	ONE		NIL	N/A	ENDS CUT SQUARE
7E	ONE		ONE	SASH HEIGHT less 324mm	ENDS CUT SQUARE

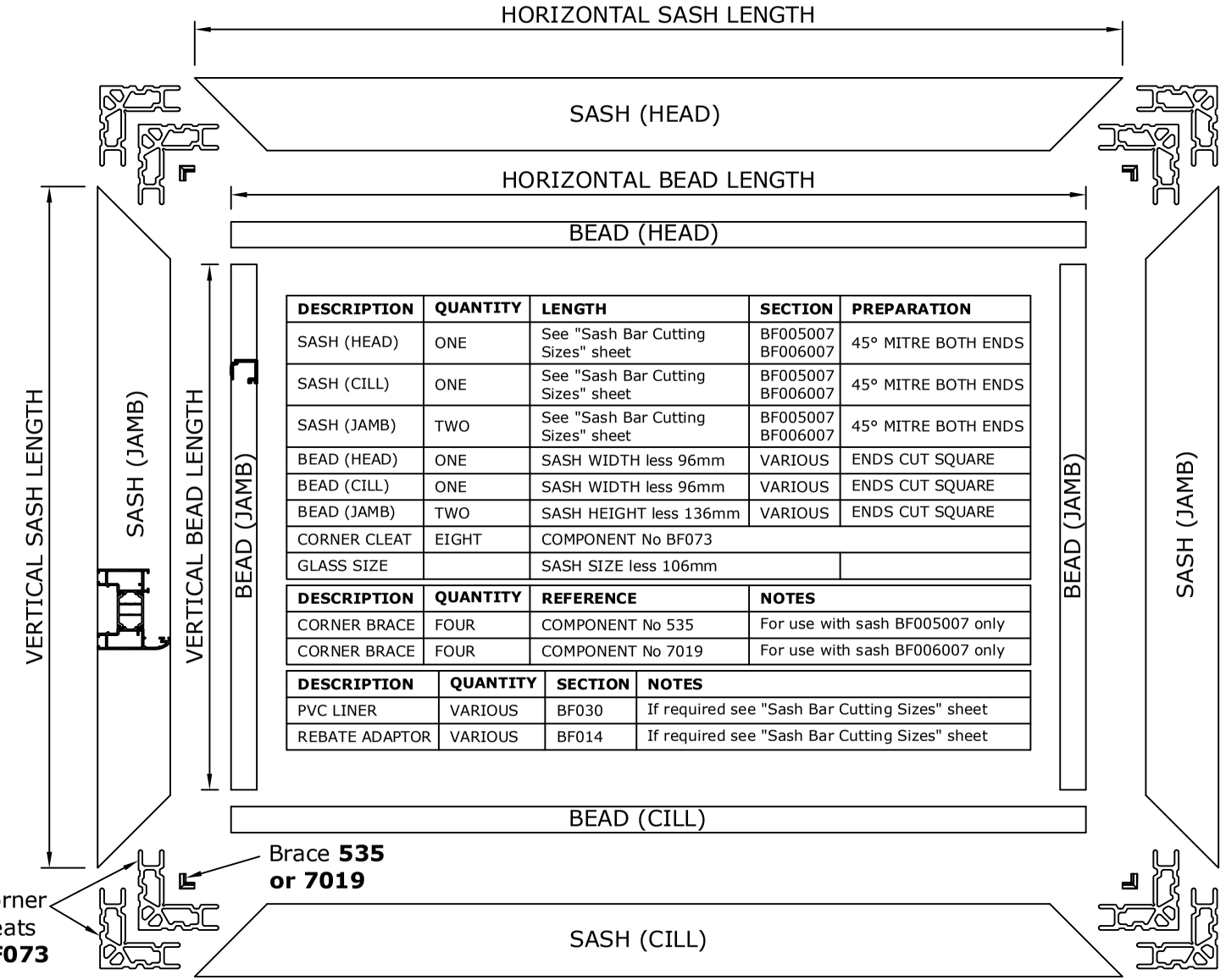
Fabrication and Cutting Sizes

Open Out and Open In Doors with Rebated Threshold

System 26 Hi/Hi+

BI-FOLDING DOOR





DESCRIPTION	QUANTITY	LENGTH	SECTION	PREPARATION
SASH (HEAD)	ONE	See "Sash Bar Cutting Sizes" sheet	BF005007 BF006007	45° MITRE BOTH ENDS
SASH (CILL)	ONE	See "Sash Bar Cutting Sizes" sheet	BF005007 BF006007	45° MITRE BOTH ENDS
SASH (JAMB)	TWO	See "Sash Bar Cutting Sizes" sheet	BF005007 BF006007	45° MITRE BOTH ENDS
BEAD (HEAD)	ONE	SASH WIDTH less 96mm	VARIOUS	ENDS CUT SQUARE
BEAD (CILL)	ONE	SASH WIDTH less 96mm	VARIOUS	ENDS CUT SQUARE
BEAD (JAMB)	TWO	SASH HEIGHT less 136mm	VARIOUS	ENDS CUT SQUARE
CORNER CLEAT	EIGHT	COMPONENT No BF073		
GLASS SIZE		SASH SIZE less 106mm		

DESCRIPTION	QUANTITY	REFERENCE	NOTES
CORNER BRACE	FOUR	COMPONENT No 535	For use with sash BF005007 only
CORNER BRACE	FOUR	COMPONENT No 7019	For use with sash BF006007 only

DESCRIPTION	QUANTITY	SECTION	NOTES
PVC LINER	VARIOUS	BF030	If required see "Sash Bar Cutting Sizes" sheet
REBATE ADAPTOR	VARIOUS	BF014	If required see "Sash Bar Cutting Sizes" sheet

Note :-
All bead lengths are tight sizes.
Clearance of not more than 0.5mm should be allowed at each end of the glazing bead.

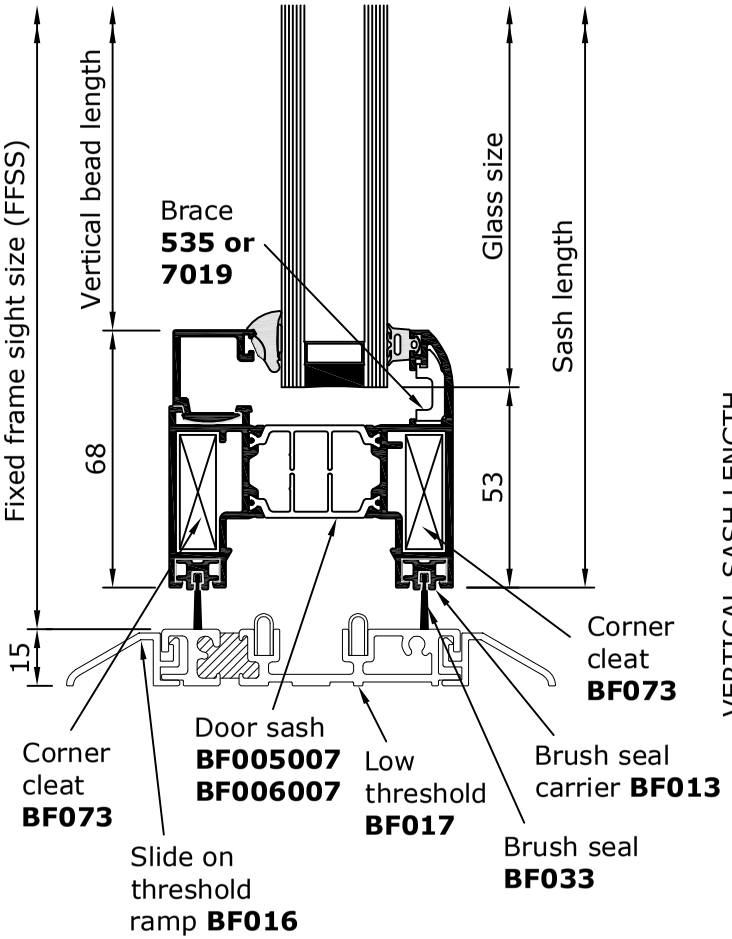
Scale 1:2

Fabrication and Cutting Sizes

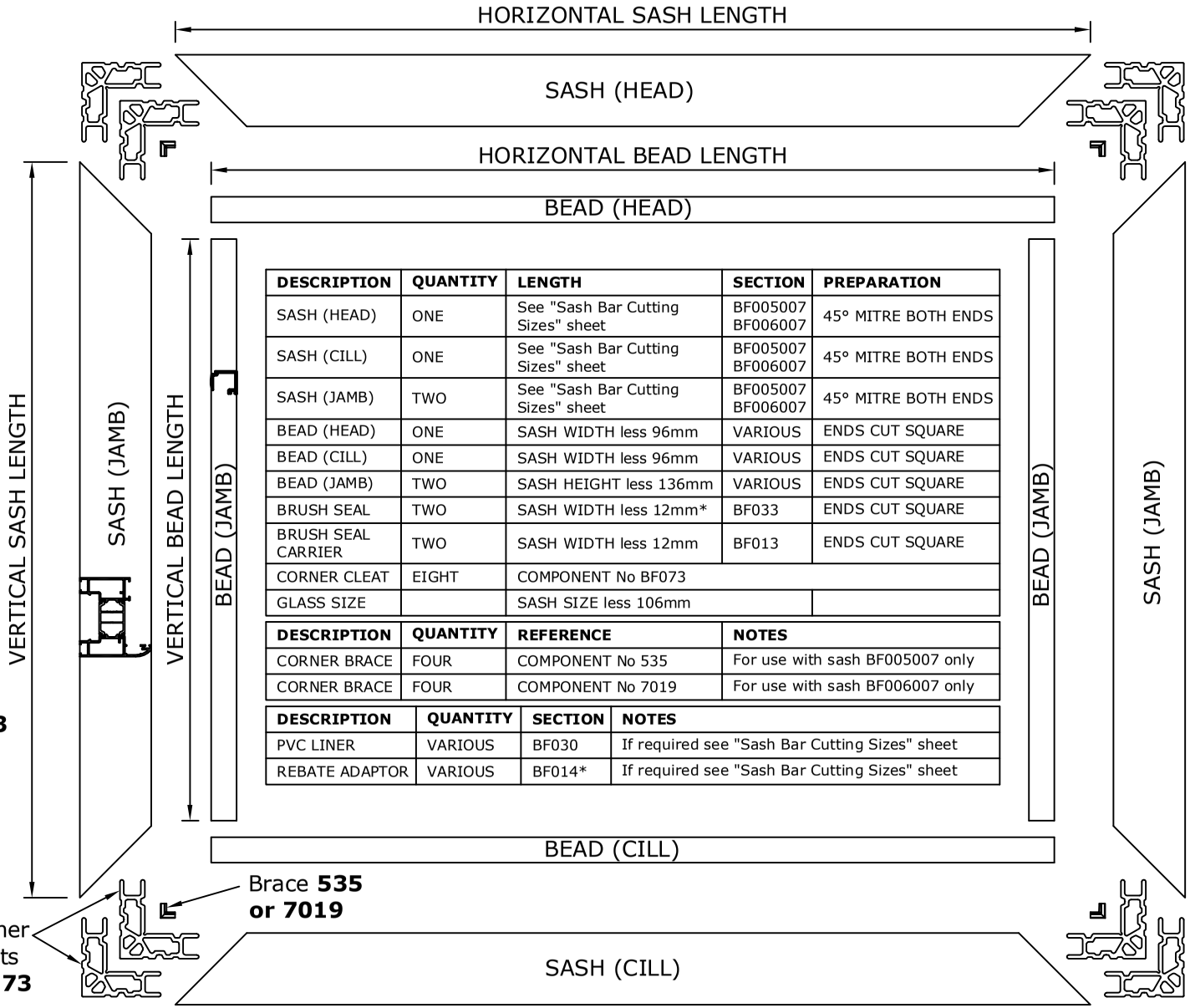
Open Out and Open In Doors with Low Threshold

System 26 Hi/Hi+

BI-FOLDING DOOR



Note :-
All bead lengths are tight sizes.
Clearance of not more than
0.5mm should be allowed at
each end of the glazing bead.



DESCRIPTION	QUANTITY	LENGTH	SECTION	PREPARATION
SASH (HEAD)	ONE	See "Sash Bar Cutting Sizes" sheet	BF005007 BF006007	45° MITRE BOTH ENDS
SASH (CILL)	ONE	See "Sash Bar Cutting Sizes" sheet	BF005007 BF006007	45° MITRE BOTH ENDS
SASH (JAMB)	TWO	See "Sash Bar Cutting Sizes" sheet	BF005007 BF006007	45° MITRE BOTH ENDS
BEAD (HEAD)	ONE	SASH WIDTH less 96mm	VARIOUS	ENDS CUT SQUARE
BEAD (CILL)	ONE	SASH WIDTH less 96mm	VARIOUS	ENDS CUT SQUARE
BEAD (JAMB)	TWO	SASH HEIGHT less 136mm	VARIOUS	ENDS CUT SQUARE
BRUSH SEAL	TWO	SASH WIDTH less 12mm*	BF033	ENDS CUT SQUARE
BRUSH SEAL CARRIER	TWO	SASH WIDTH less 12mm	BF013	ENDS CUT SQUARE
CORNER CLEAT	EIGHT	COMPONENT No BF073		
GLASS SIZE		SASH SIZE less 106mm		

DESCRIPTION	QUANTITY	REFERENCE	NOTES
CORNER BRACE	FOUR	COMPONENT No 535	For use with sash BF005007 only
CORNER BRACE	FOUR	COMPONENT No 7019	For use with sash BF006007 only

DESCRIPTION	QUANTITY	SECTION	NOTES
PVC LINER	VARIOUS	BF030	If required see "Sash Bar Cutting Sizes" sheet
REBATE ADAPTOR	VARIOUS	BF014*	If required see "Sash Bar Cutting Sizes" sheet

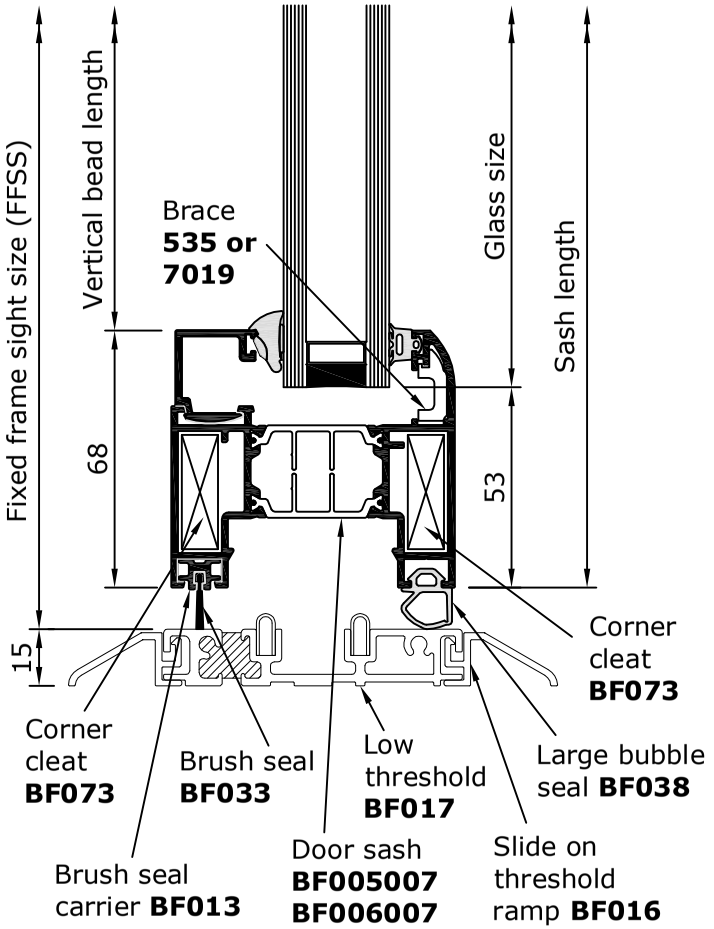
Scale 1:2

* Where BF014 rebate adaptor is used add 5mm to BF033 brush seals.

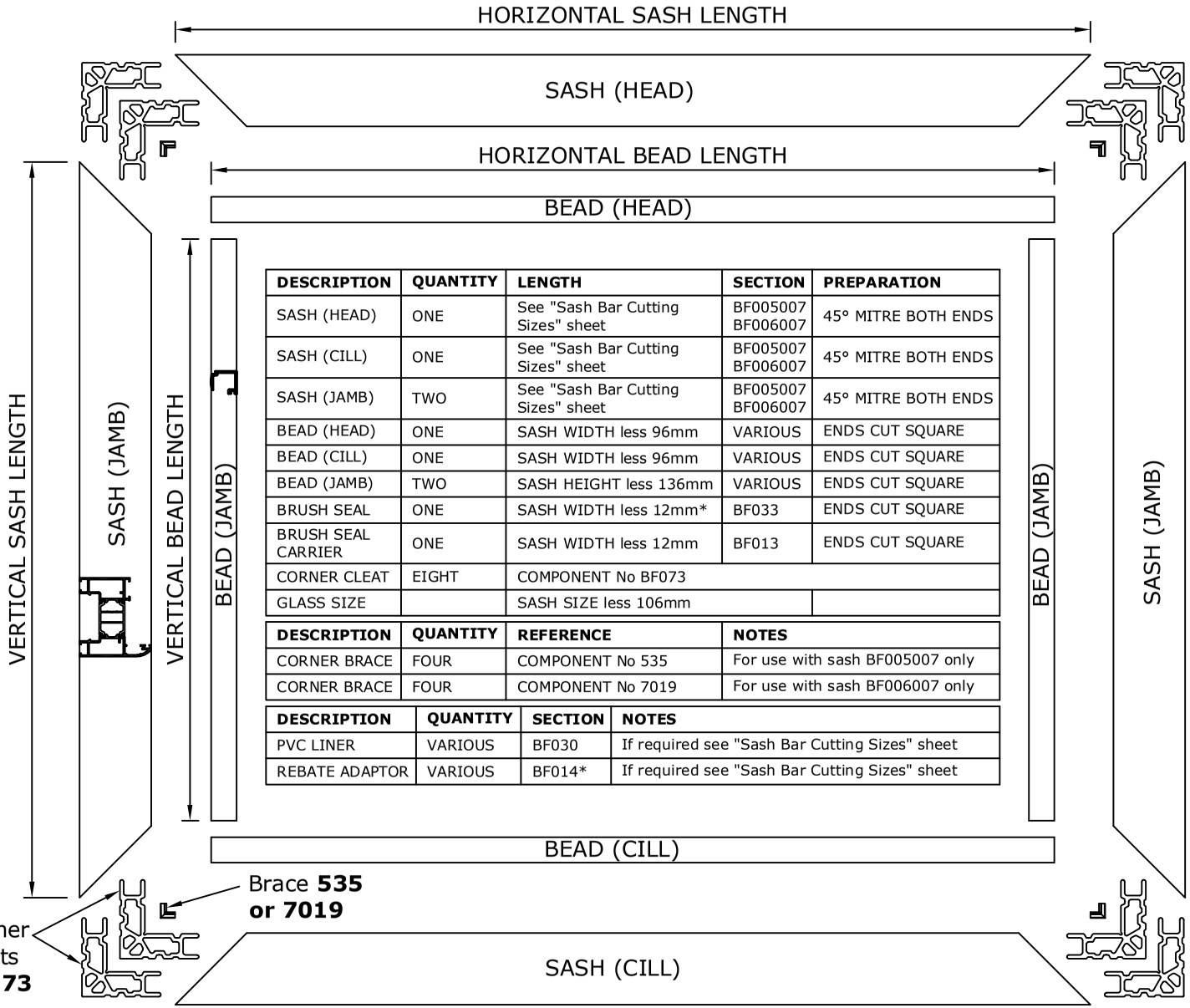
Fabrication and Cutting Sizes

Open Out and Open In Doors with Low Threshold for Owner-Occupied Domestic Applications Only

System 26 Hi/Hi+
BI-FOLDING DOOR



Note :-
All bead lengths are tight sizes.
Clearance of not more than
0.5mm should be allowed at
each end of the glazing bead.



DESCRIPTION	QUANTITY	LENGTH	SECTION	PREPARATION
SASH (HEAD)	ONE	See "Sash Bar Cutting Sizes" sheet	BF005007 BF006007	45° MITRE BOTH ENDS
SASH (CILL)	ONE	See "Sash Bar Cutting Sizes" sheet	BF005007 BF006007	45° MITRE BOTH ENDS
SASH (JAMB)	TWO	See "Sash Bar Cutting Sizes" sheet	BF005007 BF006007	45° MITRE BOTH ENDS
BEAD (HEAD)	ONE	SASH WIDTH less 96mm	VARIOUS	ENDS CUT SQUARE
BEAD (CILL)	ONE	SASH WIDTH less 96mm	VARIOUS	ENDS CUT SQUARE
BEAD (JAMB)	TWO	SASH HEIGHT less 136mm	VARIOUS	ENDS CUT SQUARE
BRUSH SEAL	ONE	SASH WIDTH less 12mm*	BF033	ENDS CUT SQUARE
BRUSH SEAL CARRIER	ONE	SASH WIDTH less 12mm	BF013	ENDS CUT SQUARE
CORNER CLEAT	EIGHT	COMPONENT No BF073		
GLASS SIZE		SASH SIZE less 106mm		

DESCRIPTION	QUANTITY	REFERENCE	NOTES
CORNER BRACE	FOUR	COMPONENT No 535	For use with sash BF005007 only
CORNER BRACE	FOUR	COMPONENT No 7019	For use with sash BF006007 only

DESCRIPTION	QUANTITY	SECTION	NOTES
PVC LINER	VARIOUS	BF030	If required see "Sash Bar Cutting Sizes" sheet
REBATE ADAPTOR	VARIOUS	BF014*	If required see "Sash Bar Cutting Sizes" sheet

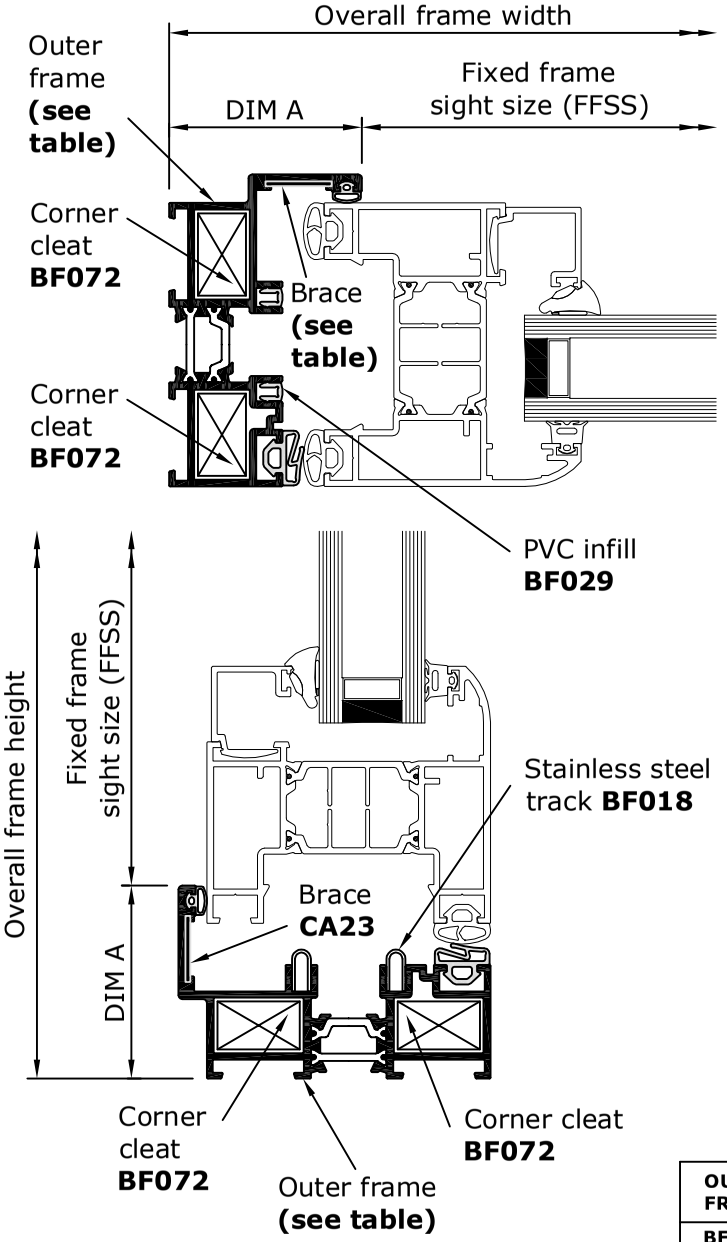
Scale 1:2

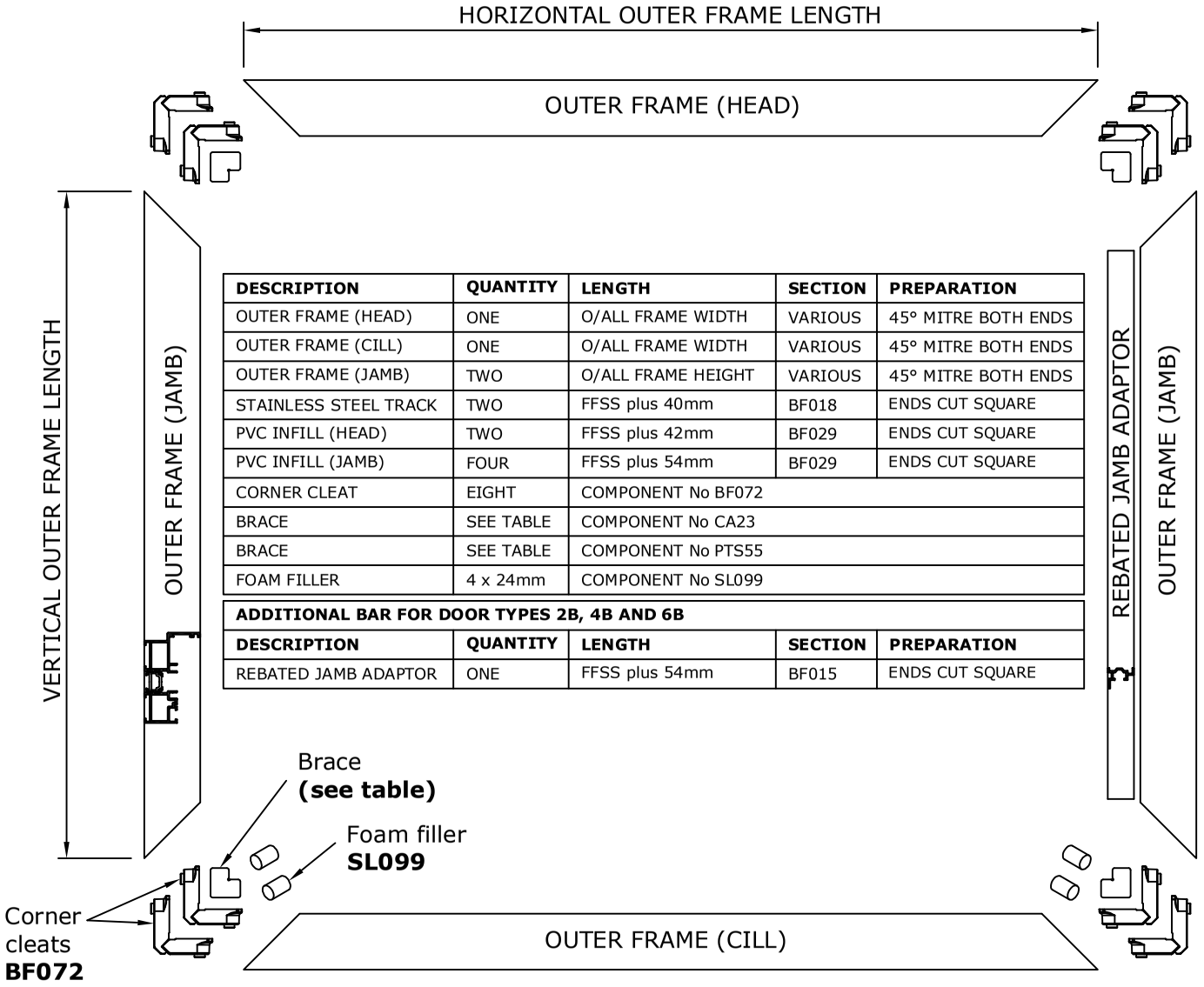
* Where BF014 rebate adaptor is used add 5mm to BF033 brush seals.

Fabrication and Cutting Sizes

Outer Frame (Fully Rebated) - Door Assembly

System 26 Hi/Hi+
BI-FOLDING DOOR





DESCRIPTION	QUANTITY	LENGTH	SECTION	PREPARATION
OUTER FRAME (HEAD)	ONE	O/ALL FRAME WIDTH	VARIOUS	45° MITRE BOTH ENDS
OUTER FRAME (CILL)	ONE	O/ALL FRAME WIDTH	VARIOUS	45° MITRE BOTH ENDS
OUTER FRAME (JAMB)	TWO	O/ALL FRAME HEIGHT	VARIOUS	45° MITRE BOTH ENDS
STAINLESS STEEL TRACK	TWO	FFSS plus 40mm	BF018	ENDS CUT SQUARE
PVC INFILL (HEAD)	TWO	FFSS plus 42mm	BF029	ENDS CUT SQUARE
PVC INFILL (JAMB)	FOUR	FFSS plus 54mm	BF029	ENDS CUT SQUARE
CORNER CLEAT	EIGHT	COMPONENT No BF072		
BRACE	SEE TABLE	COMPONENT No CA23		
BRACE	SEE TABLE	COMPONENT No PTS55		
FOAM FILLER	4 x 24mm	COMPONENT No SL099		

ADDITIONAL BAR FOR DOOR TYPES 2B, 4B AND 6B				
DESCRIPTION	**QUANTITY**	**LENGTH**	**SECTION**	**PREPARATION**
REBATED JAMB ADAPTOR	ONE	FFSS plus 54mm	BF015	ENDS CUT SQUARE

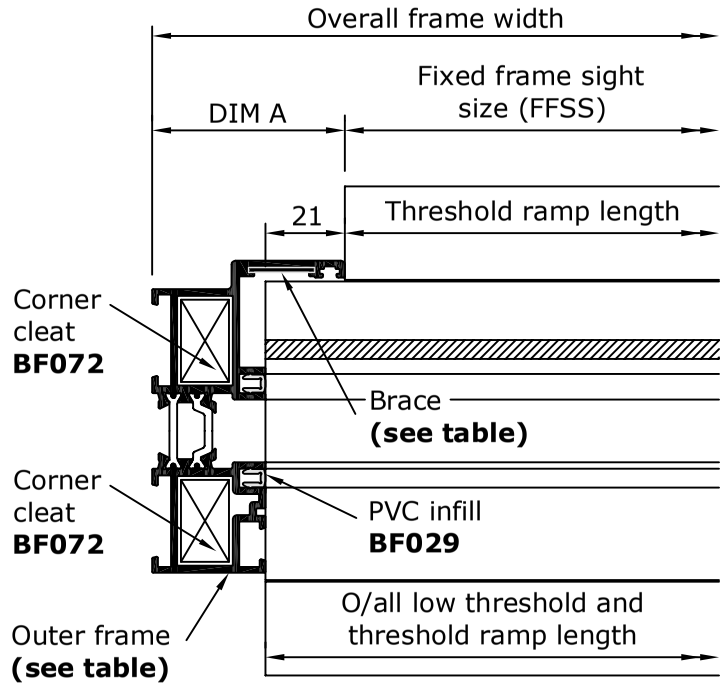
OUTER FRAME	DIM A	BRACE	
		CA23	PTS55
BF001002	51mm	FOUR	-
BF001008	70mm	EIGHT	FOUR
BF009002	70mm	EIGHT	FOUR

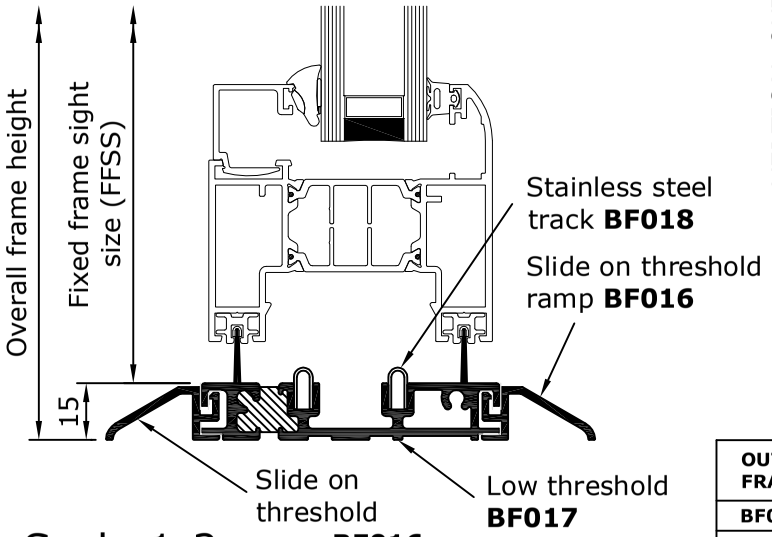
Scale 1:2

Fabrication and Cutting Sizes

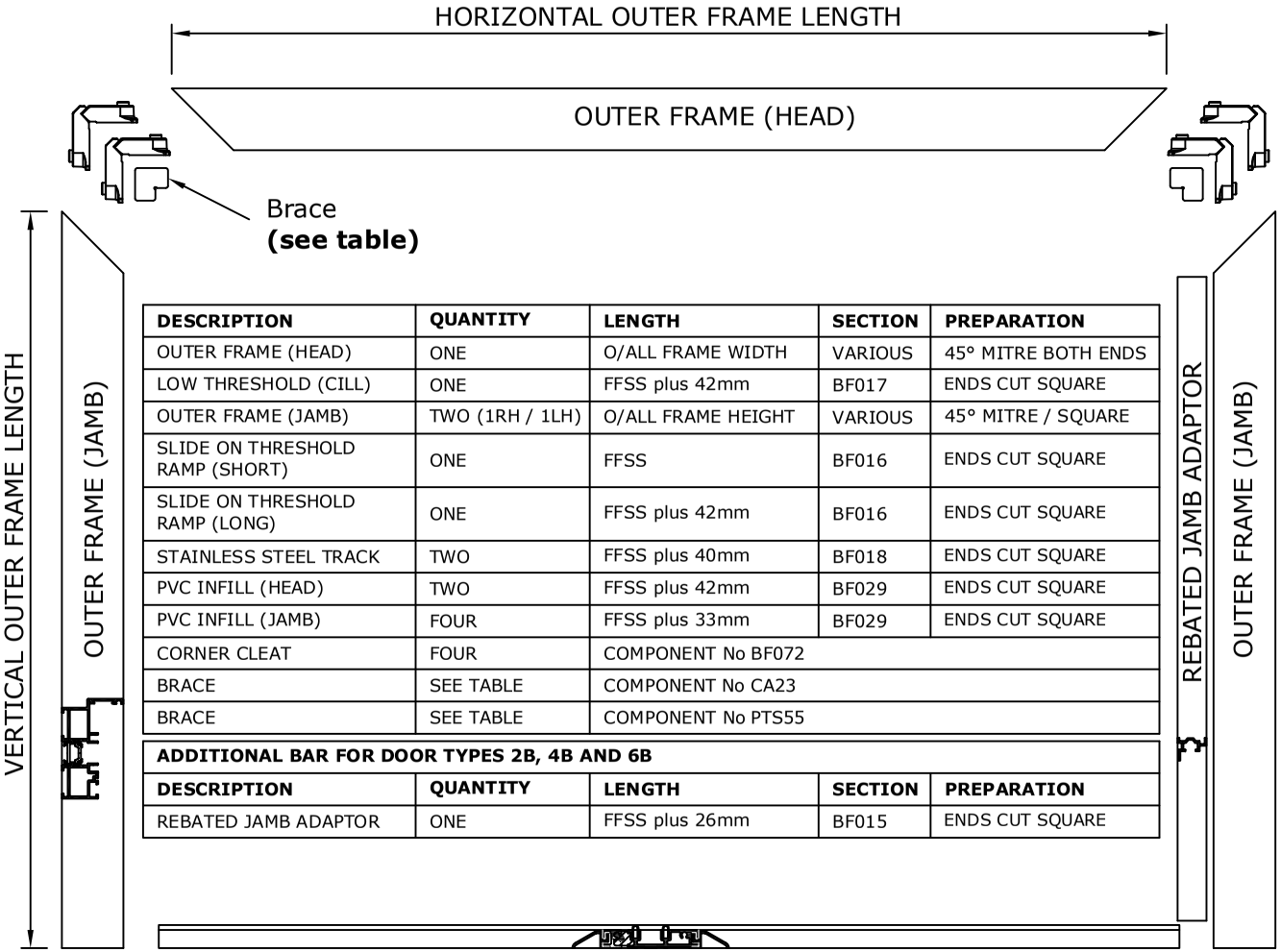
Outer Frame (Low Threshold) - Door Assembly

System 26 Hi/Hi+
BI-FOLDING DOOR





Scale 1:2



DESCRIPTION	QUANTITY	LENGTH	SECTION	PREPARATION
OUTER FRAME (HEAD)	ONE	O/ALL FRAME WIDTH	VARIOUS	45° MITRE BOTH ENDS
LOW THRESHOLD (CILL)	ONE	FFSS plus 42mm	BF017	ENDS CUT SQUARE
OUTER FRAME (JAMB)	TWO (1RH / 1LH)	O/ALL FRAME HEIGHT	VARIOUS	45° MITRE / SQUARE
SLIDE ON THRESHOLD RAMP (SHORT)	ONE	FFSS	BF016	ENDS CUT SQUARE
SLIDE ON THRESHOLD RAMP (LONG)	ONE	FFSS plus 42mm	BF016	ENDS CUT SQUARE
STAINLESS STEEL TRACK	TWO	FFSS plus 40mm	BF018	ENDS CUT SQUARE
PVC INFILL (HEAD)	TWO	FFSS plus 42mm	BF029	ENDS CUT SQUARE
PVC INFILL (JAMB)	FOUR	FFSS plus 33mm	BF029	ENDS CUT SQUARE
CORNER CLEAT	FOUR	COMPONENT No BF072		
BRACE	SEE TABLE	COMPONENT No CA23		
BRACE	SEE TABLE	COMPONENT No PTS55		

ADDITIONAL BAR FOR DOOR TYPES 2B, 4B AND 6B				
DESCRIPTION	**QUANTITY**	**LENGTH**	**SECTION**	**PREPARATION**
REBATED JAMB ADAPTOR	ONE	FFSS plus 26mm	BF015	ENDS CUT SQUARE

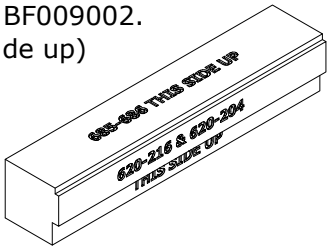
LOW THRESHOLD and TRACKS (CILL)
2 x SLIDE ON THRESHOLD RAMPS (OPTIONAL)

OUTER FRAME	DIM A	BRACE	
		CA23	PTS55
BF001002	51mm	TWO	-
BF001008	70mm	FOUR	TWO
BF009002	70mm	FOUR	TWO

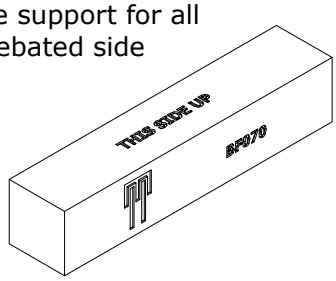
Saw Blocks

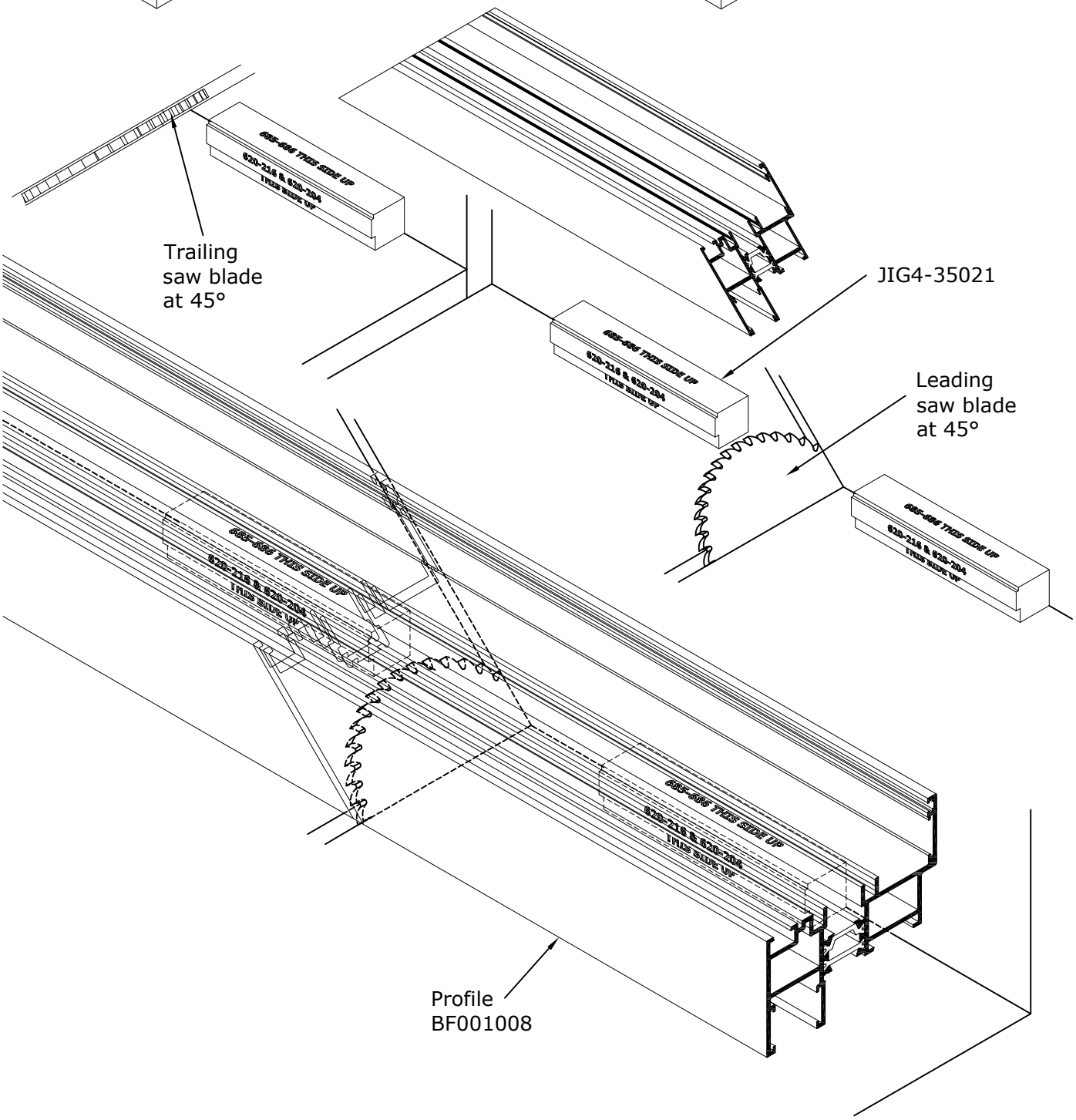
Saw blocks to be used in threes and to be positioned to either side of the leading blade as illustrated below. Each block should be positioned as indicated. Blocks incorporate magnetic spuds to help location and should be positioned below clamps.

JIG4-35021
Saw block for sections BF001008, BF009002. (Rebated side up)



BF070
Rebated side support for all sections. (Rebated side down)





Not to Scale

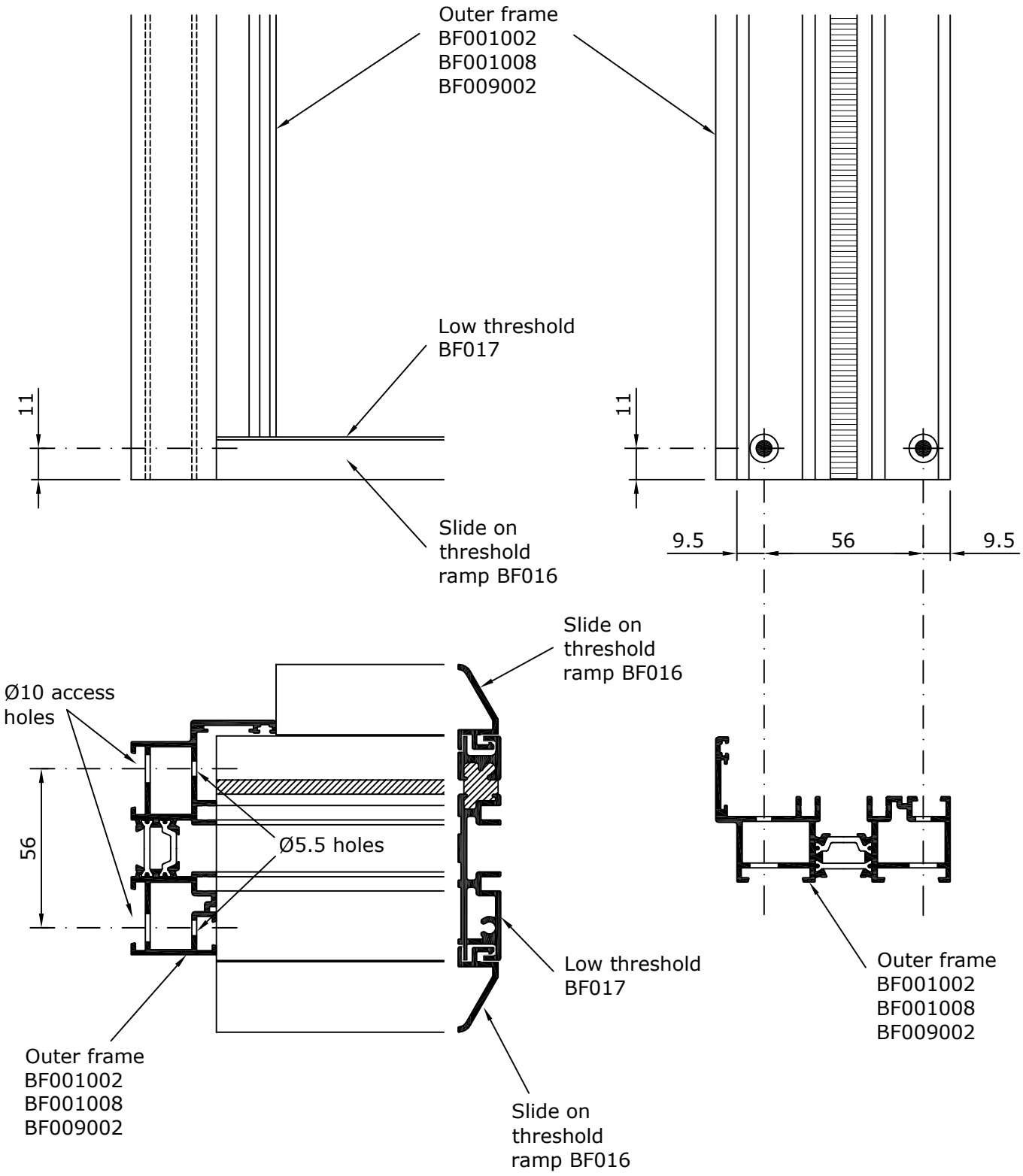
Outer Frame End Prep

For Open Out and Open In Doors with Low Threshold

System 26 Hi/Hi+

BI-FOLDING DOOR

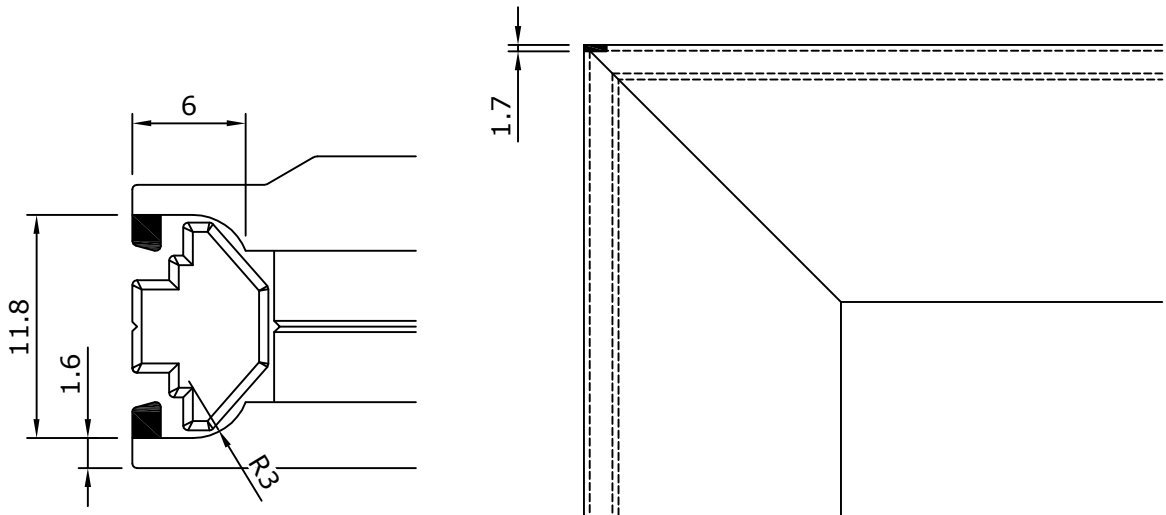
Handed to suit application

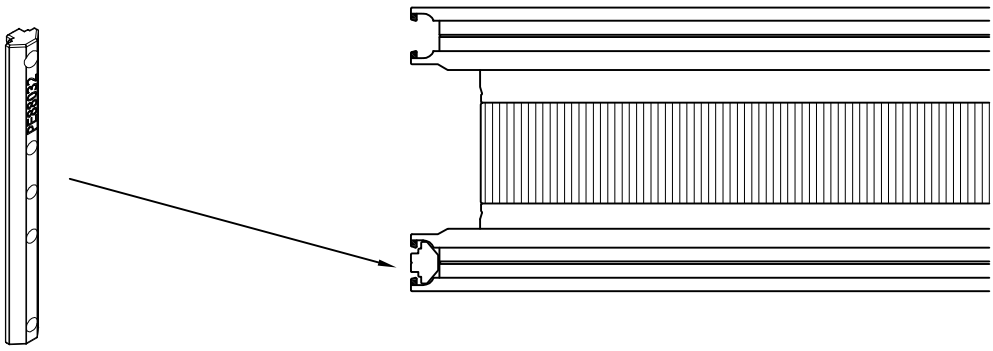


Scale 1:2

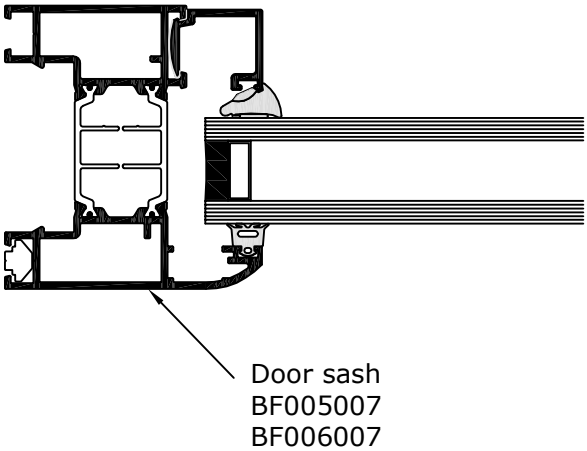
Sash Prep for Hinge Tapping Block

Tapping blocks (included with hinges / rollers) should be located into the sash profile prior to crimping. The following detail can be used if the tapping blocks have been omitted.





Insert hinge tapping block as required to suit hinge / roller positions



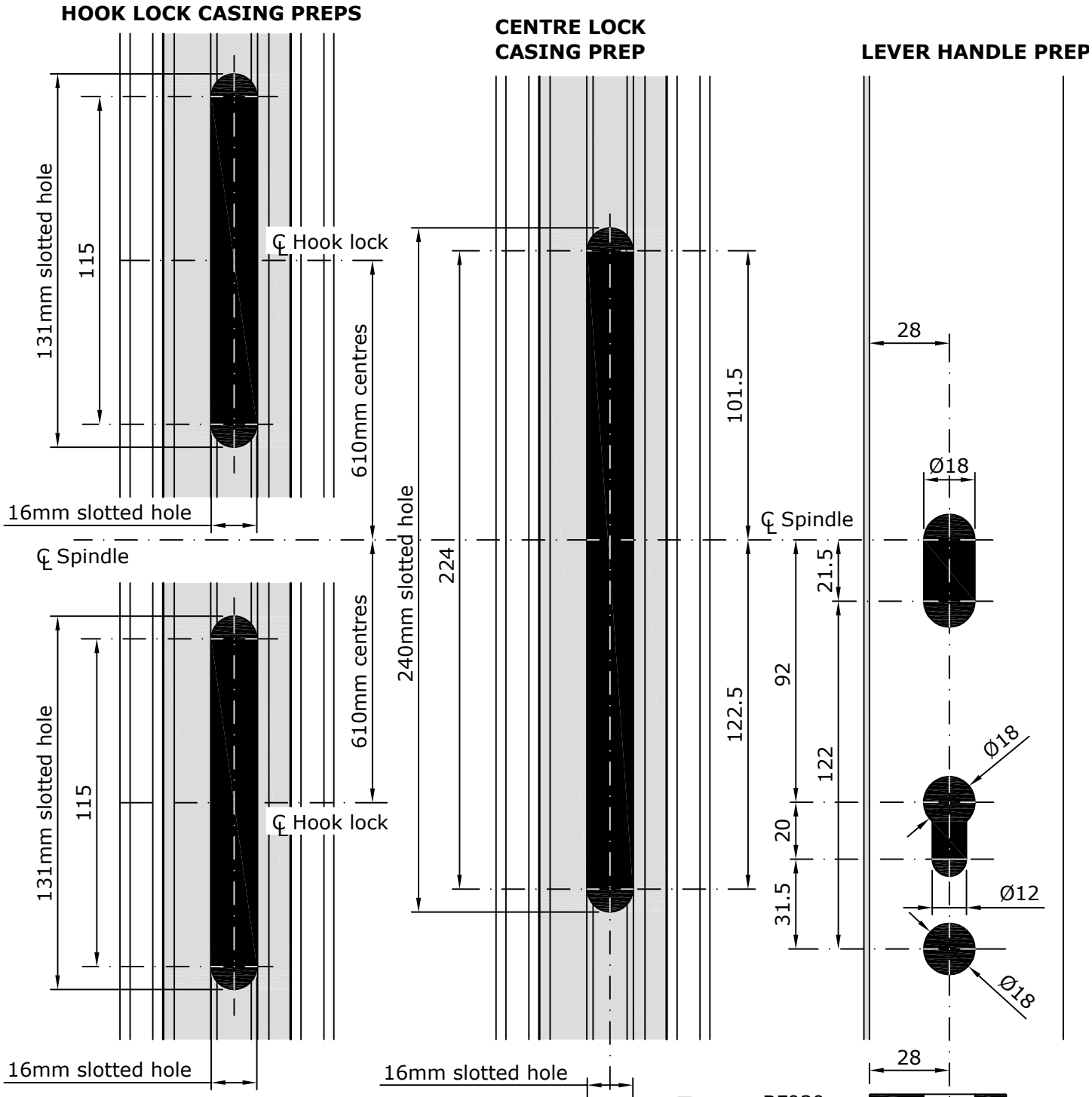
Scale 1:2

Prep for Multi-Point Dead Lock BF050 and Handles BF052

System 26 Hi/Hi+
BI-FOLDING DOOR

Open Out Door Sash BF005007 or BF006007

BF030 pvc liner to be secured to door sash prior to routing lock preps. Ensure fixings avoid lock prep positions. Locks to be secured with 12 x No 7 x 32mm self-drilling countersunk screws BF093 located into pre-punched fixing holes in lock face.



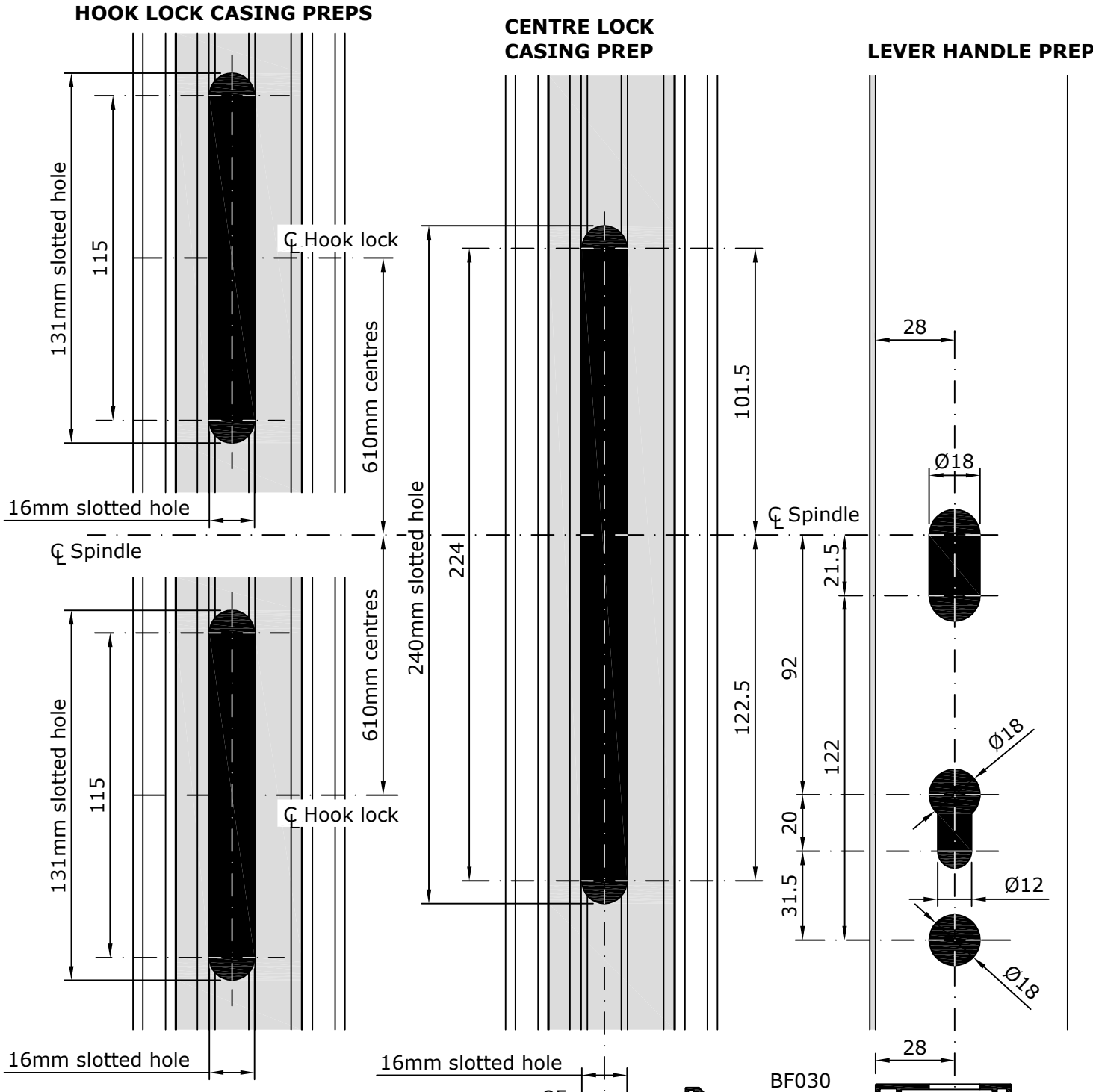
Scale 1:2

Prep for Multi-Point Dead Lock BF050 and Handles BF052

System 26 Hi/Hi+
BI-FOLDING DOOR

Open In Door Sash BF005007 or BF006007

BF030 pvc liner to be secured to door sash prior to routing lock preps. Ensure fixings avoid lock prep positions. Locks to be secured with 12 x No 7 x 32mm self-drilling countersunk screws BF093 located into pre-punched fixing holes in lock face.



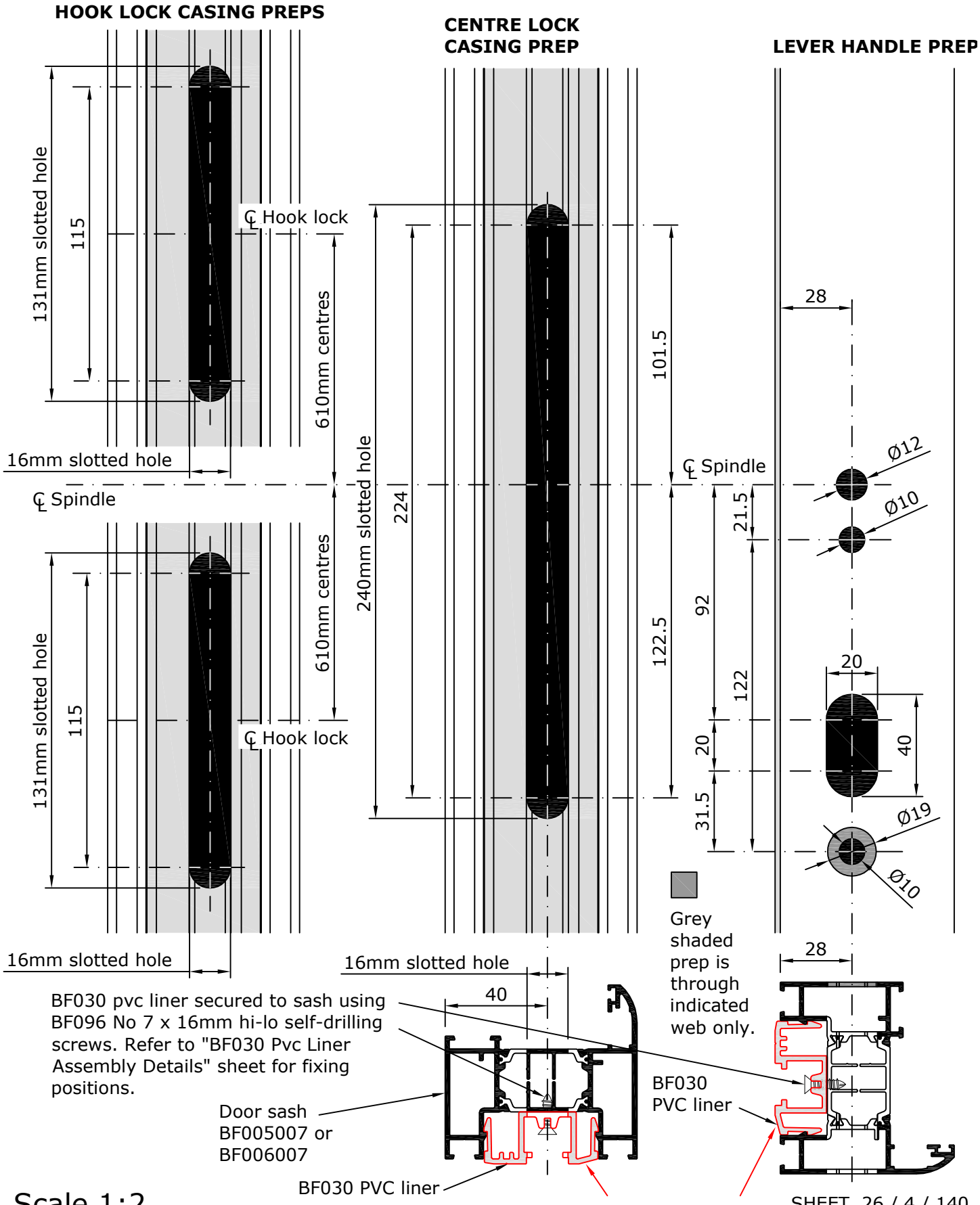
Scale 1:2

Prep for Multi-Point Dead Lock BF050 and Handles BF118

System 26 Hi/Hi+
BI-FOLDING DOOR

Open Out Door Sash BF005007 or BF006007

BF030 pvc liner to be secured to door sash prior to routing lock preps. Ensure fixings avoid lock prep positions. Locks to be secured with 12 x No 7 x 32mm self-drilling countersunk screws BF093 located into pre-punched fixing holes in lock face.



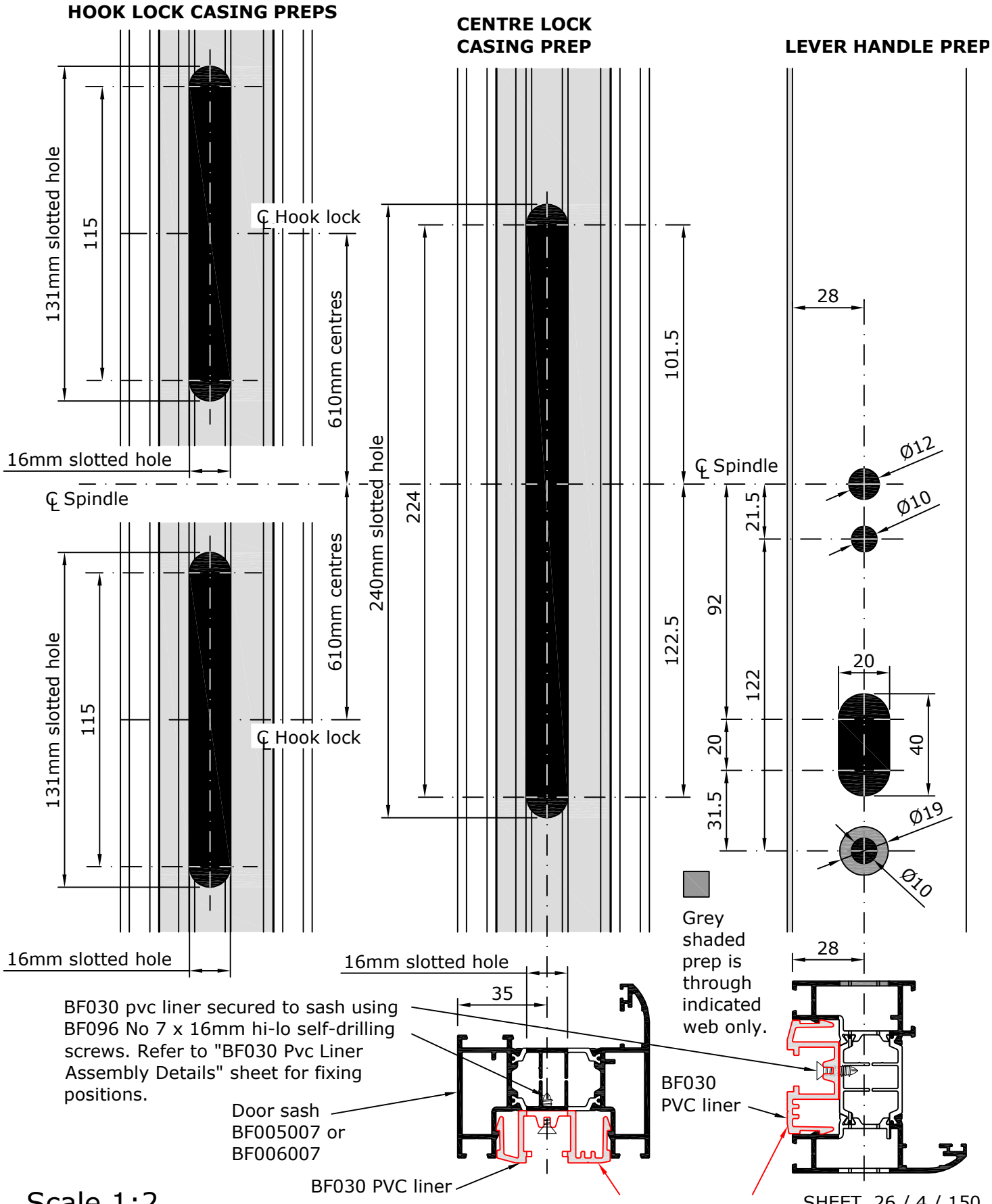
Scale 1:2

Prep for Multi-Point Dead Lock BF050 and Handles BF118

System 26 Hi/Hi+
BI-FOLDING DOOR

Open In Door Sash BF005007 or BF006007

BF030 pvc liner to be secured to door sash prior to routing lock preps. Ensure fixings avoid lock prep positions. Locks to be secured with 12 x No 7 x 32mm self-drilling countersunk screws BF093 located into pre-punched fixing holes in lock face.



Scale 1:2

Preps for BF061 Shoot Bolt Lock and Handles

System 26 Hi/Hi+
BI-FOLDING DOOR

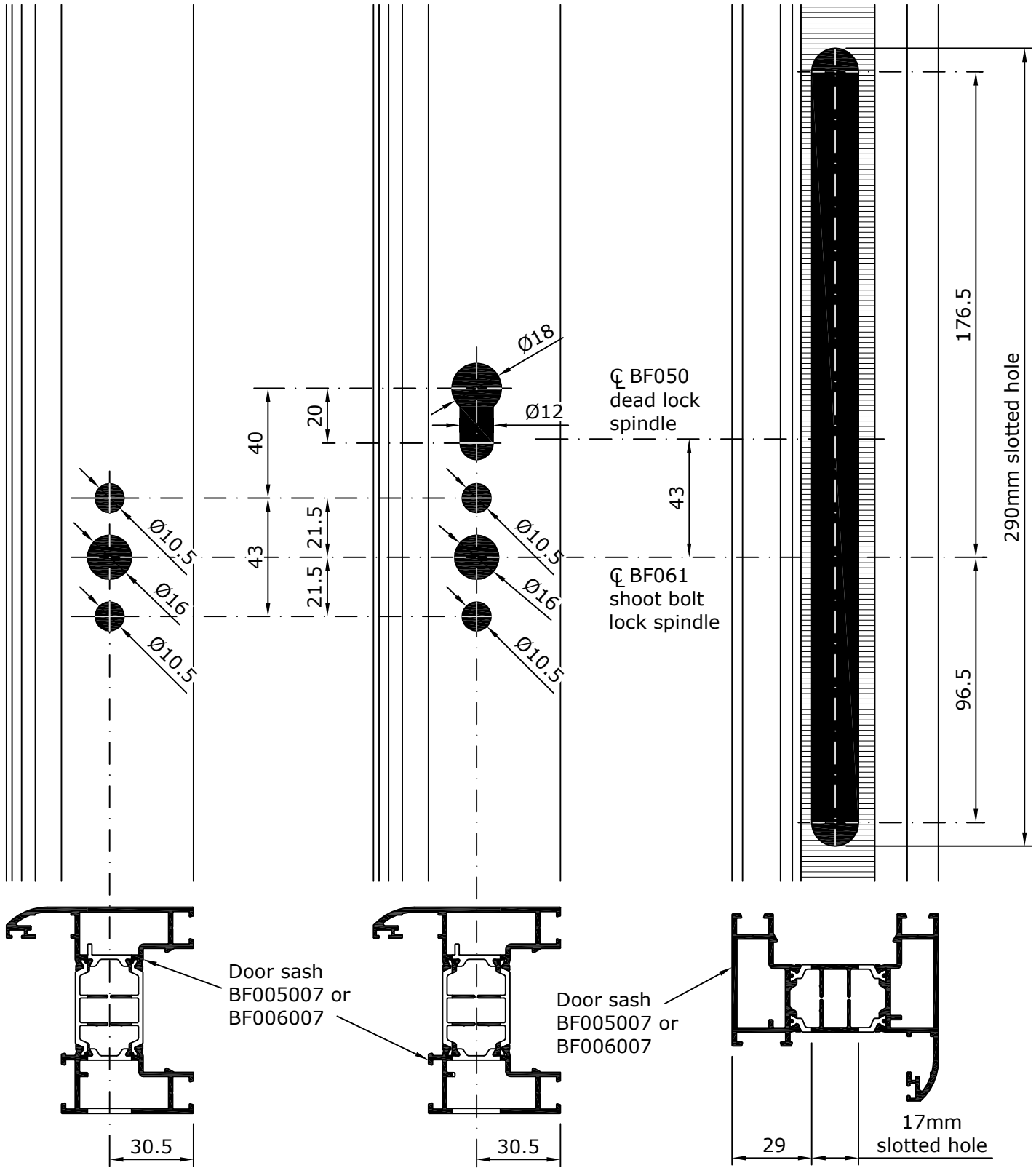
Open Out and Open In Door Sashes - Section E1-E1

Refer to "Typical Elevations" in Section 2 of this manual for handing of shoot bolt prep.

OPERATING HANDLE PREP FOR BF058 AND BF068

OPERATING HANDLE PREP FOR BF057 AND BF067

SHOOTBOLT LOCK PREP



Scale 1:2

Preps for BF061 Shoot Bolt Lock and Handles

System 26 Hi/Hi+
BI-FOLDING DOOR

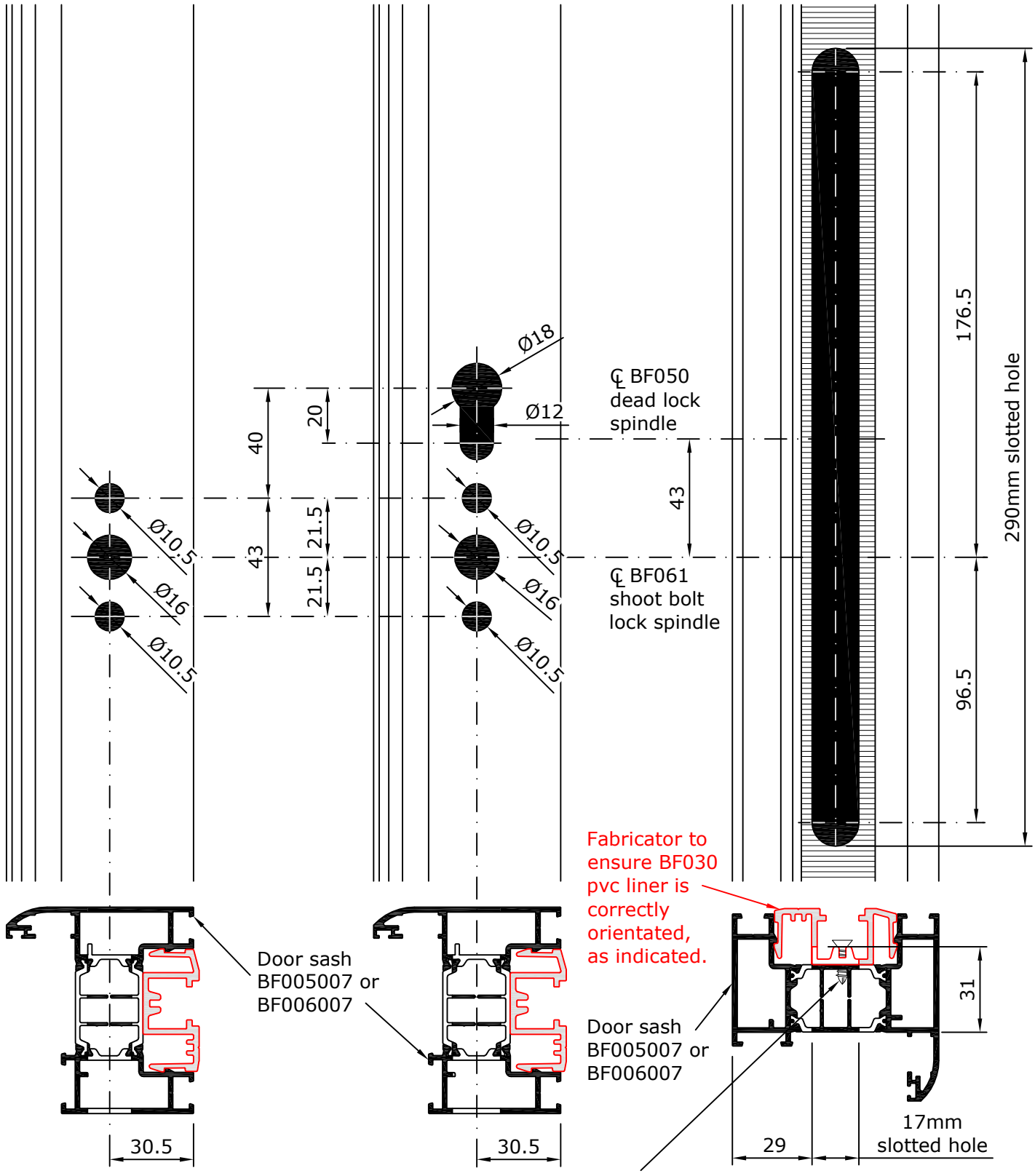
Open Out Door Sash - Section D1-D1

Refer to "Typical Elevations" in Section 2 of this manual for handing of shoot bolt prep.
For Section D1-D1 only BF030 pvc liner to be secured to door sash prior to routing lock preps.
Ensure fixings avoid lock prep positions.

OPERATING HANDLE PREP FOR BF058 AND BF068

OPERATING HANDLE PREP FOR BF057 AND BF067

SHOOTBOLT LOCK PREP



BF030 pvc liner secured to sash for section D1-D1 only, using BF096 No 7 x 16mm hi-lo self drilling screws. Refer to "BF030 Pvc Liner Assembly Details" sheet for fixing positions

Scale 1:2

Preps for BF061 Shoot Bolt Lock and Handles

System 26 Hi/Hi+
BI-FOLDING DOOR

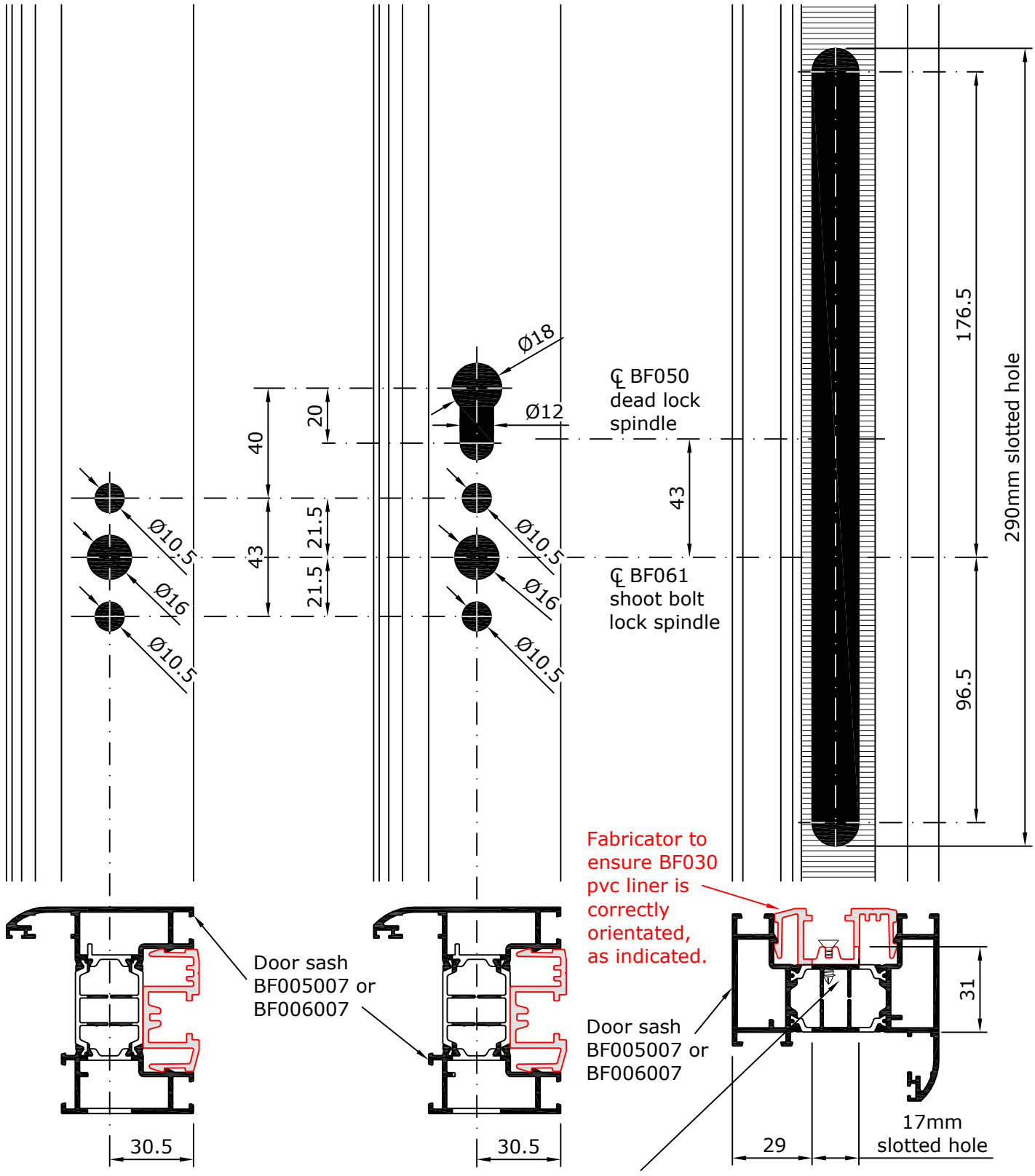
Open In Door Sash - Section D1-D1

Refer to "Typical Elevations" in Section 2 of this manual for handing of shoot bolt prep.
For Section D1-D1 only BF030 pvc liner to be secured to door sash prior to routing lock preps.
Ensure fixings avoid lock prep positions.

OPERATING HANDLE PREP FOR BF058 AND BF068

OPERATING HANDLE PREP FOR BF057 AND BF067

SHOOTBOLT LOCK PREP



BF030 pvc liner secured to sash for section D1-D1 only, using BF096 No 7 x 16mm hi-lo self drilling screws. Reger to "BF030 Pvc Liner Assembly Details" sheet for fixing positions

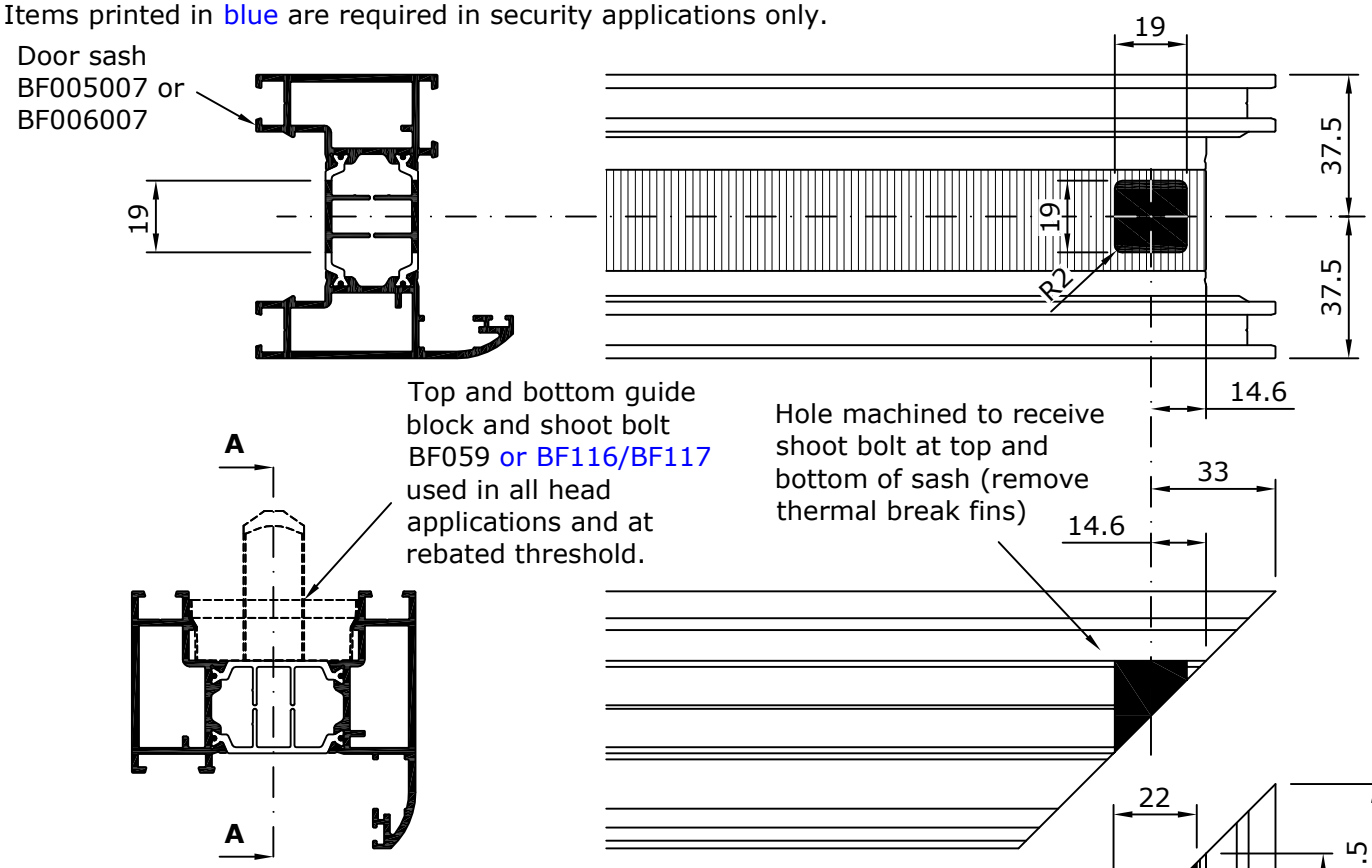
Scale 1:2

Prep for Shoot Bolt and Guide Block

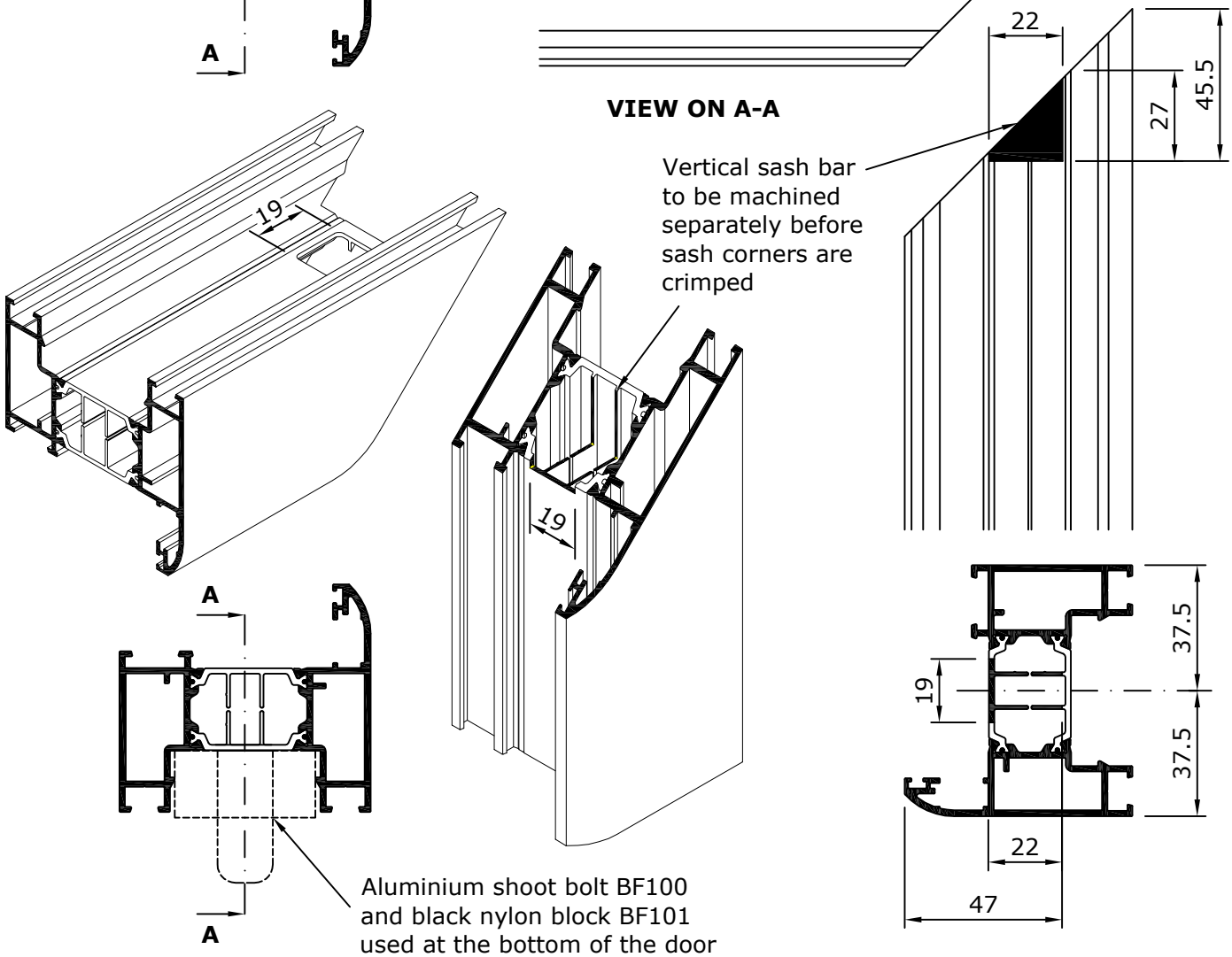
System 26 Hi/Hi+
BI-FOLDING DOOR

Door Sash BF005007 or BF006007

Items printed in blue are required in security applications only.



VIEW ON A-A



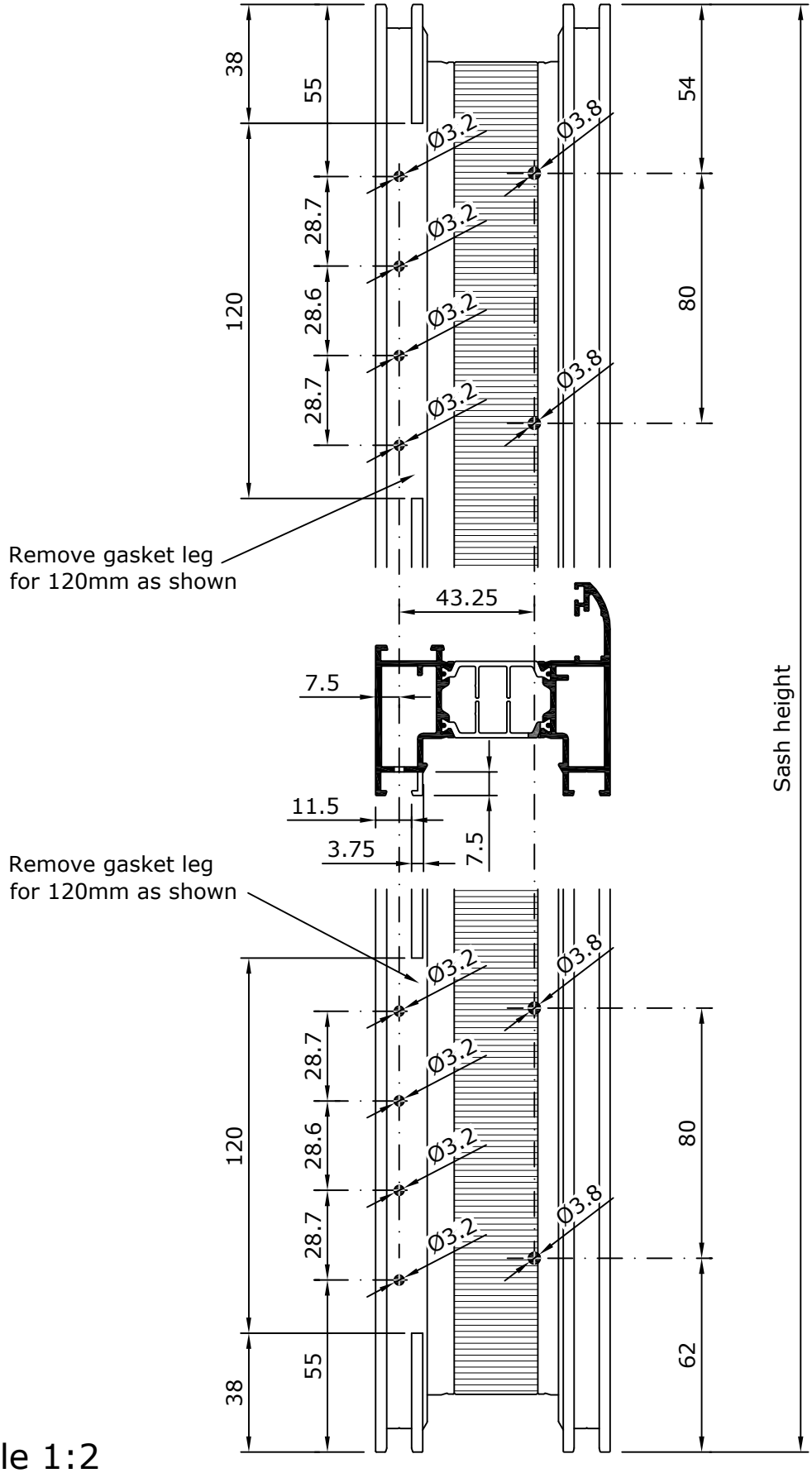
Scale 1:2

Sash Prep for Half Top Guide and Half Roller Assemblies

System 26 Hi/Hi+
BI-FOLDING DOOR

Door Sash BF005007 or BF006007

Prep to be orientated so that the hinge is always fixed to the beaded (internal) side of the profile.



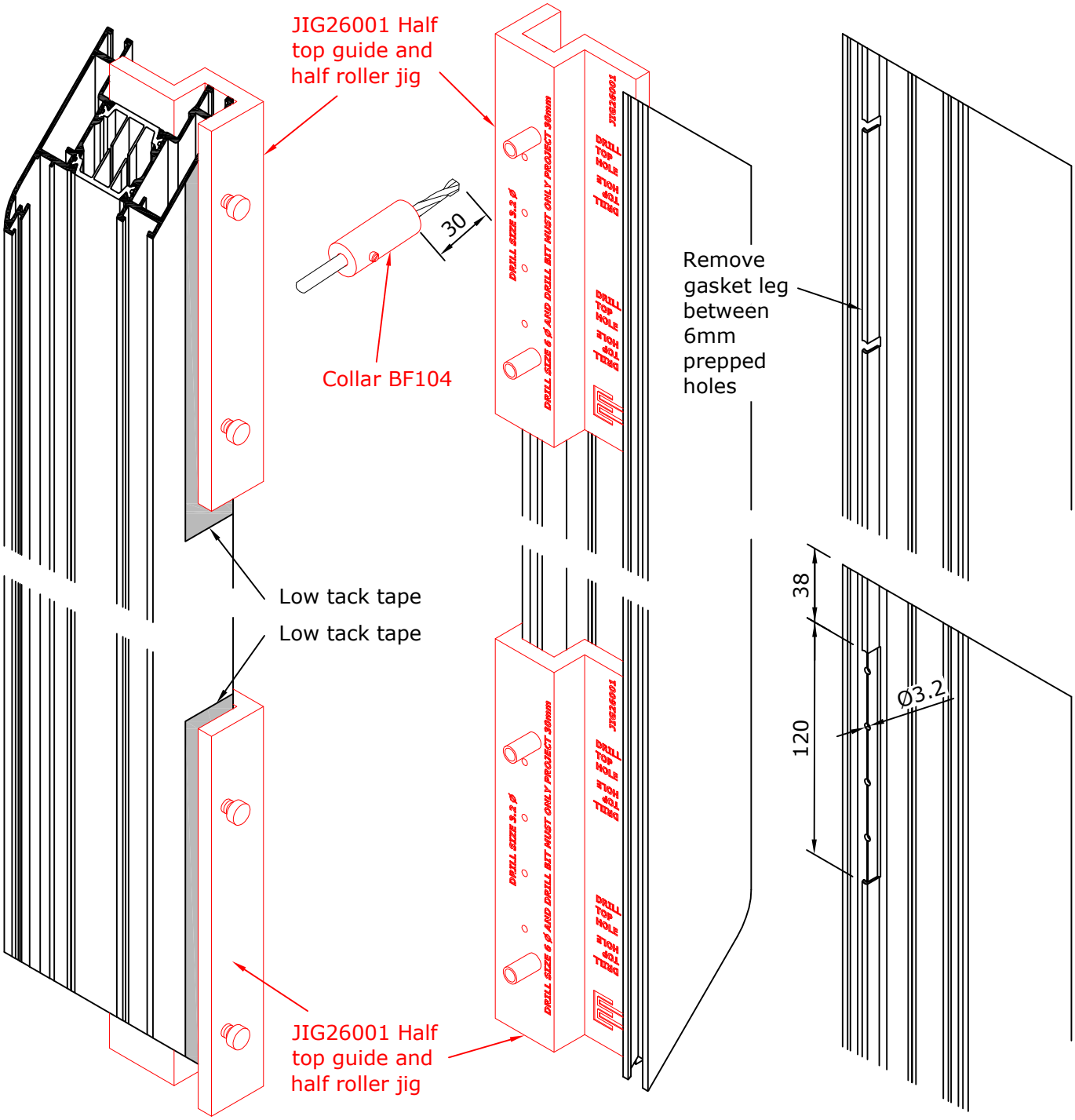
Scale 1:2

Jig Prep for Half Top Guide and Half Roller Assemblies

Door Sash BF005007 or BF006007

System 26 Hi/Hi+
BI-FOLDING DOOR

Ensure primary surface of sash is protected with a suitable low tack tape.
Align upper/lower edge of half top guide/half roller jig JIG26001 flush with upper/lower mitred corner of sash as indicated. Jig to be orientated so that the hinge is always fixed to the beaded (internal) side of the profile. Secure jig in position using integral clamps. Do not overtighten.
Using 6mm drill bit with BF104 collar set at 30mm from point of drill to underside of collar, insert drill bit into upper and lower jig bushes and remove leg of gasket groove in sash profile.
Drill 4 holes through jig using Ø3.2mm drill bit.
Drill remaining 2 holes through jig into polyamide strip using Ø3.8mm drill bit.
Repeat at opposite end of sash profile.
Remove jig and securely clamp sash profile in copy router. Remove gasket leg between 6mm prepped holes.
Repeat at opposite end of sash profile.



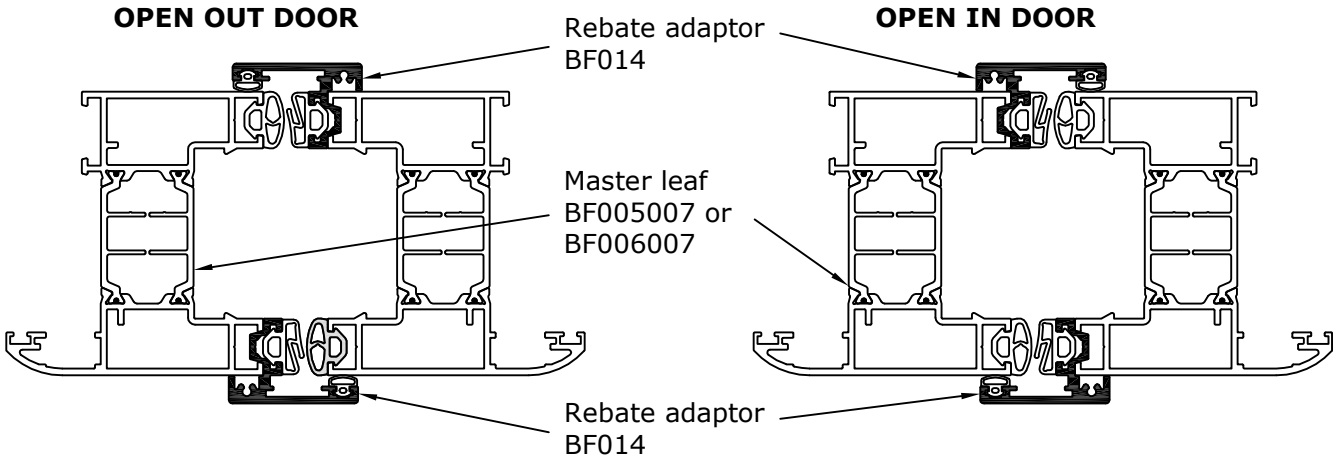
Not to Scale

Rebate Adaptor End Preps

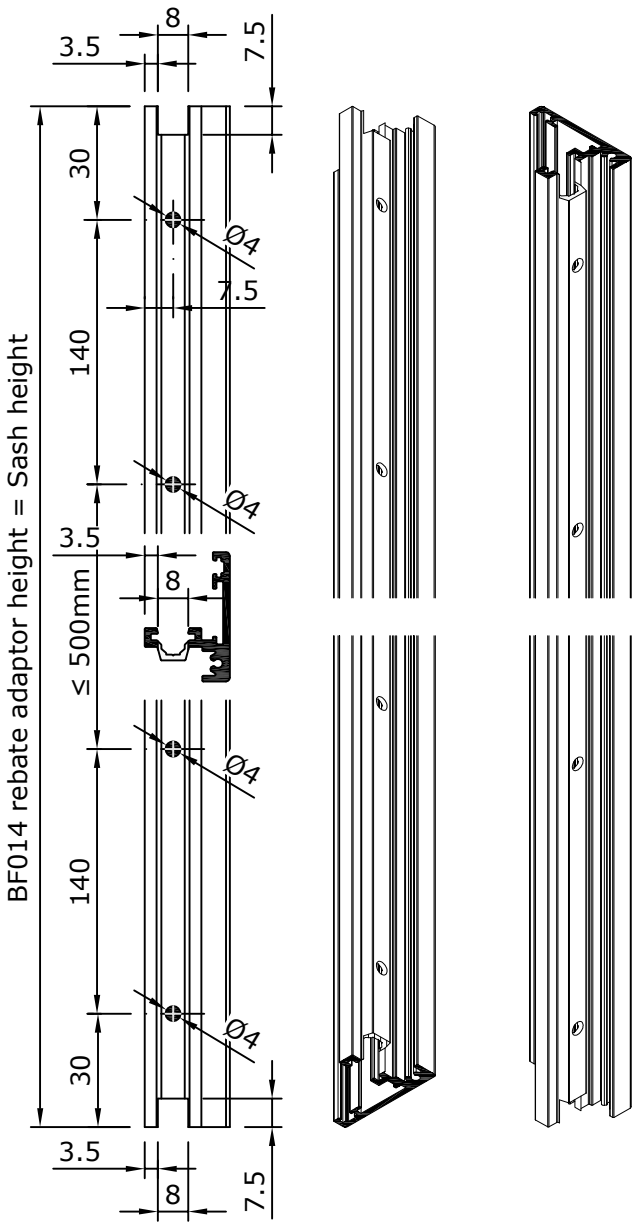
Rebated Head and Rebated Threshold

System 26 Hi/Hi+
BI-FOLDING DOOR

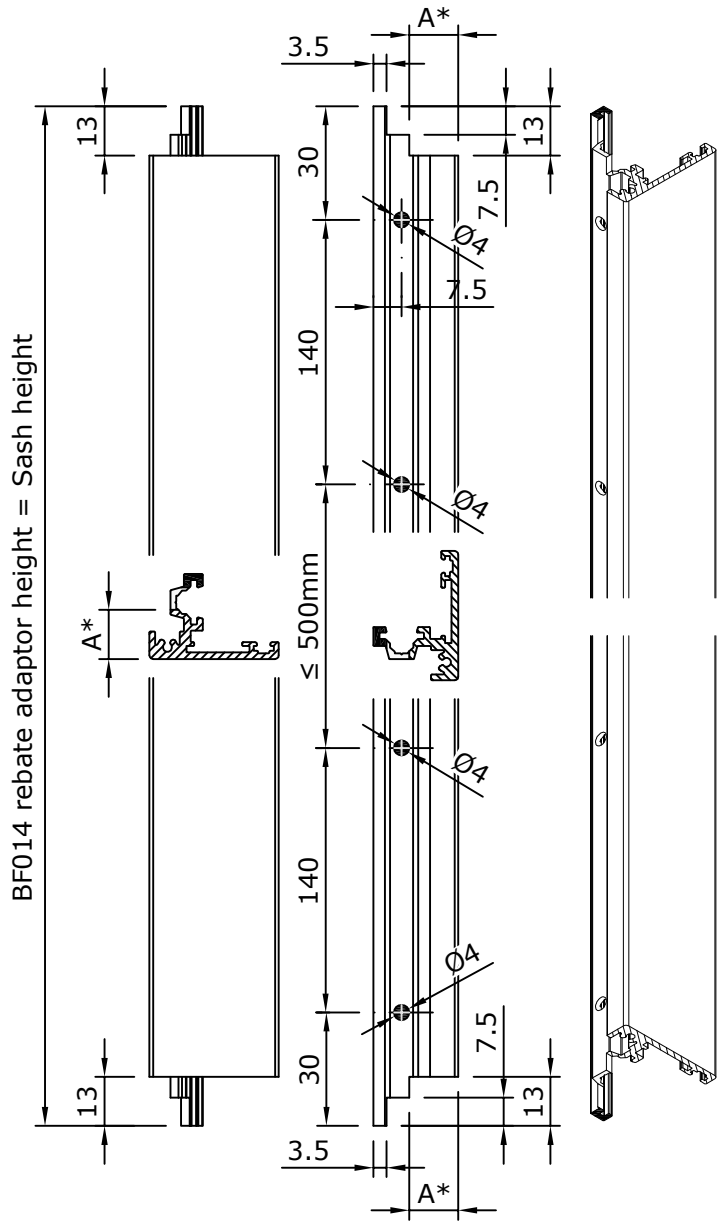
Identify correct orientation of rebate adaptors before prepping.



PREP FOR REBATE ADAPTOR AT NON-REBATED SIDE OF OUTER FRAME
For Sections B-B, D1-D1, and D2-D2



PREP FOR REBATE ADAPTOR AT REBATE SIDE OF OUTER FRAME
For Sections D1-D1, D2-D2 and F-F



Not to Scale

*A = 13mm for Sections D2-D2 and F-F
A = 7.5mm for Section D1-D1

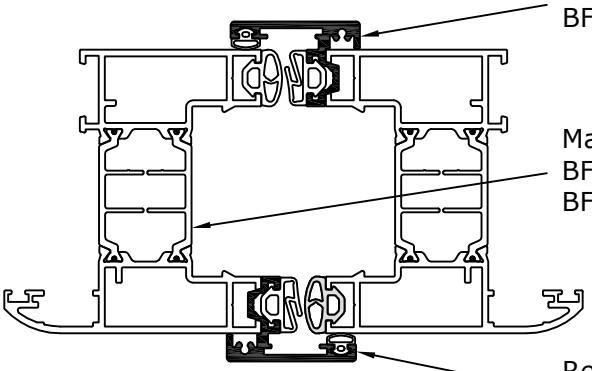
Rebate Adaptor End Preps

Rebated Head and Low Threshold

System 26 Hi/Hi+
BI-FOLDING DOOR

Identify correct **handing** and orientation of rebate adaptors before prepping.

OPEN OUT DOOR

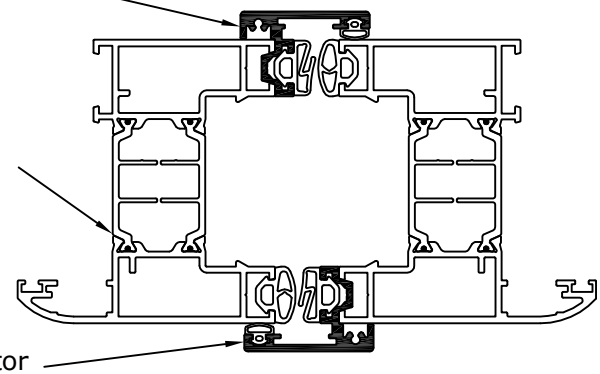


Rebate adaptor BF014

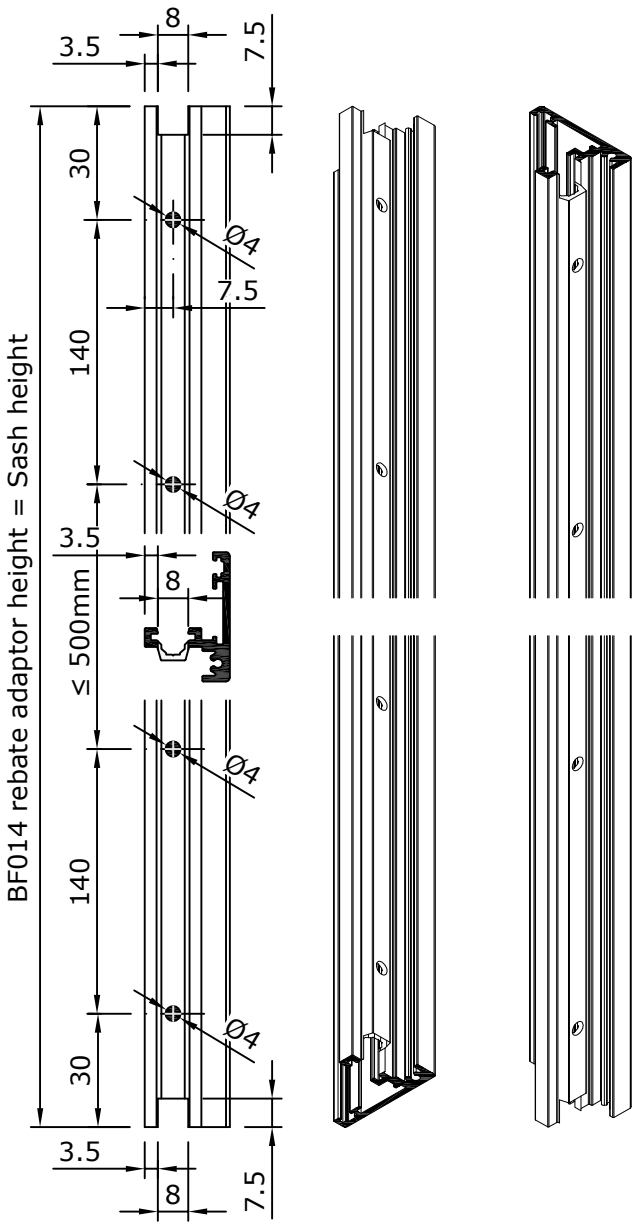
Master leaf BF005007 or BF006007

Rebate adaptor BF014

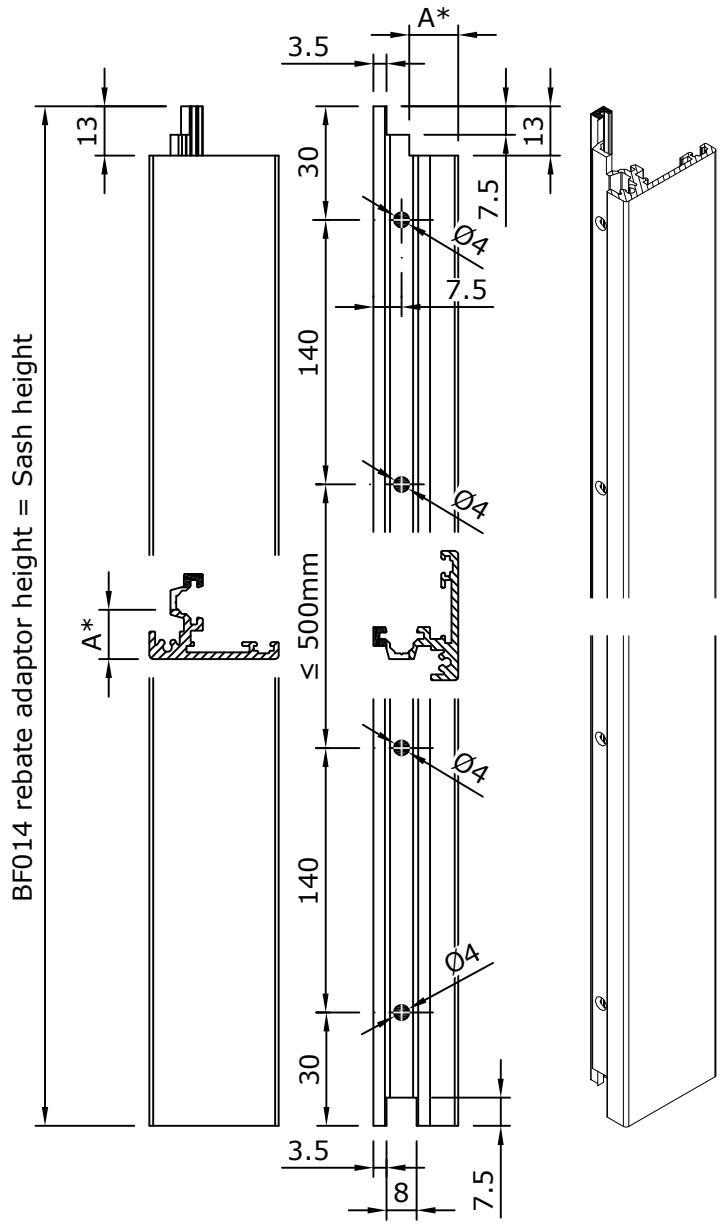
OPEN IN DOOR



PREP FOR REBATE ADAPTOR AT NON-REBATED SIDE OF OUTER FRAME
For Sections B-B, D1-D1, and D2-D2



PREP FOR REBATE ADAPTOR AT REBATE SIDE OF OUTER FRAME
For Sections D1-D1, D2-D2 and F-F



Not to Scale

*A = 13mm for Sections D2-D2 and F-F
A = 7.5mm for Section D1-D1

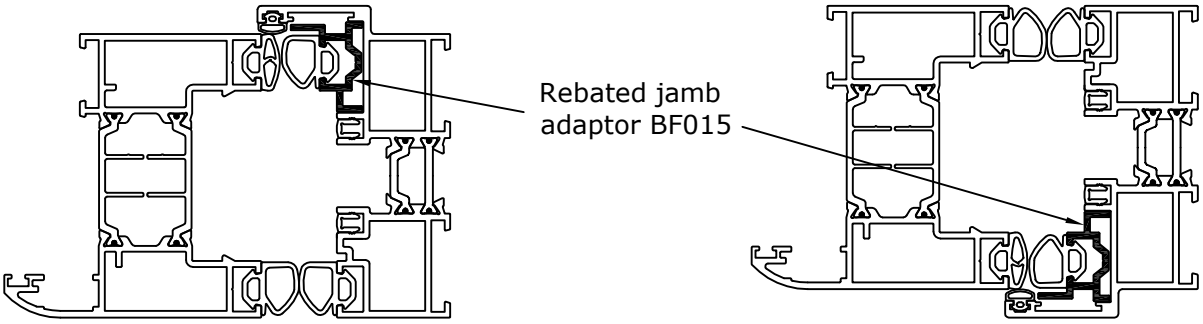
Rebated Jamb Adaptor Prep

System 26 Hi/Hi+
BI-FOLDING DOOR

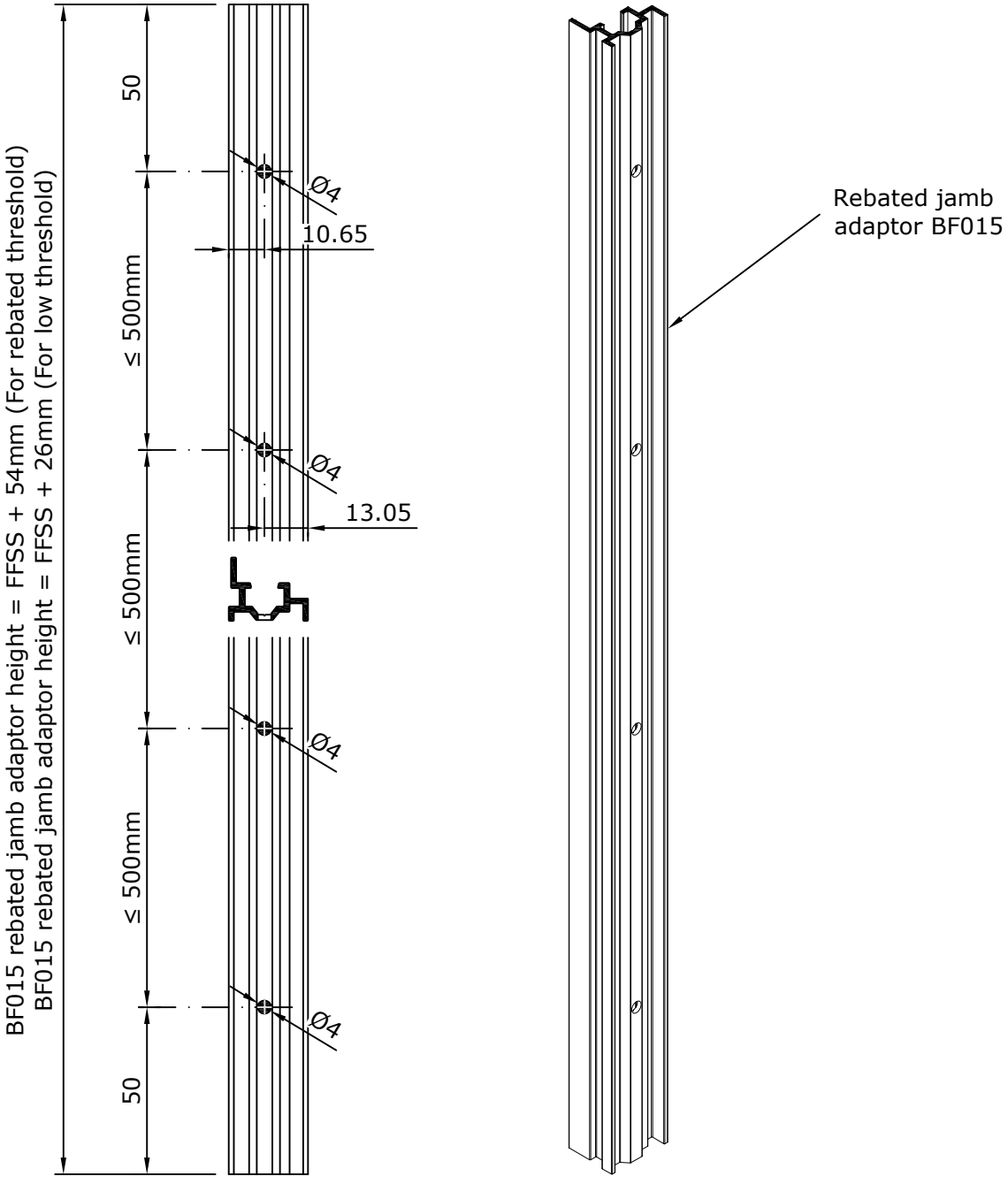
OPEN OUT DOOR

INSIDE

OPEN IN DOOR



OUTSIDE



Not to Scale

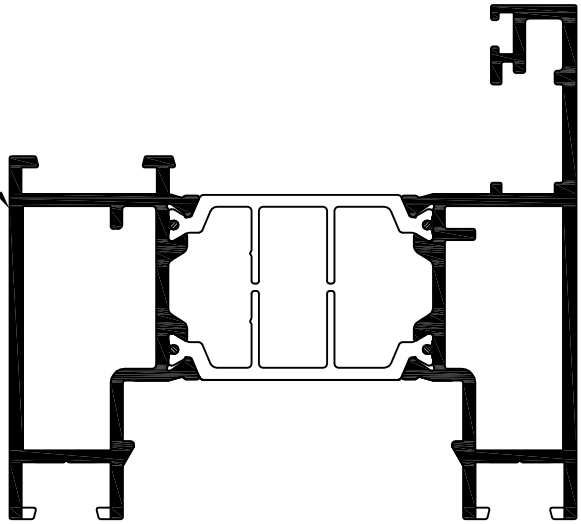
Sash Prep for Brush Seal Carrier

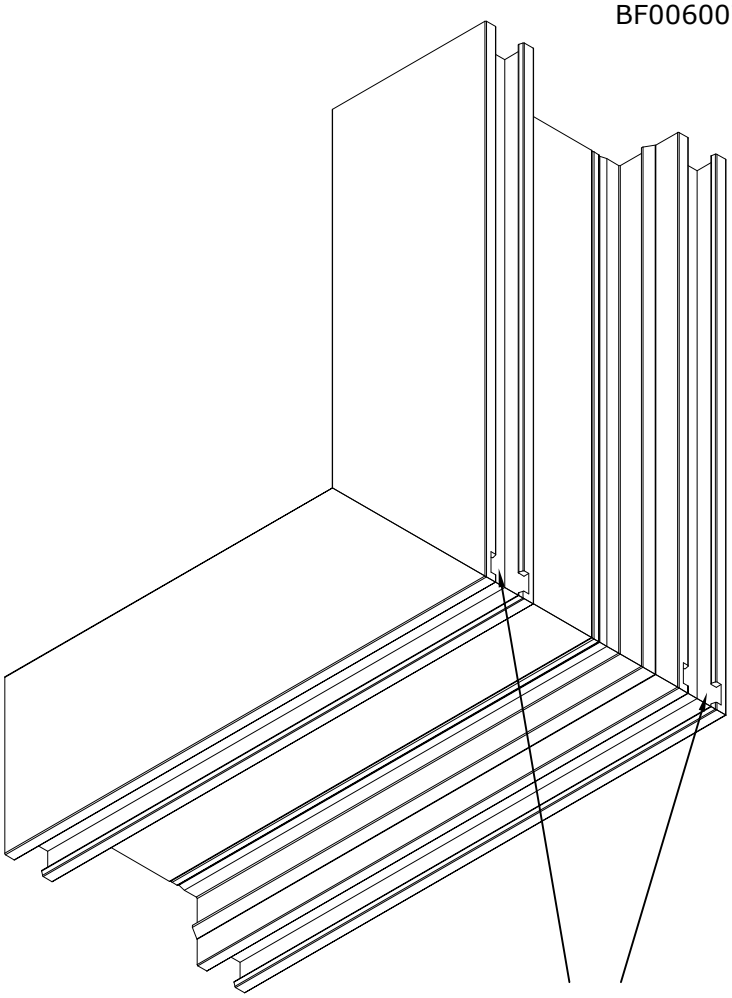
For Open Out and Open In Doors with Low Threshold

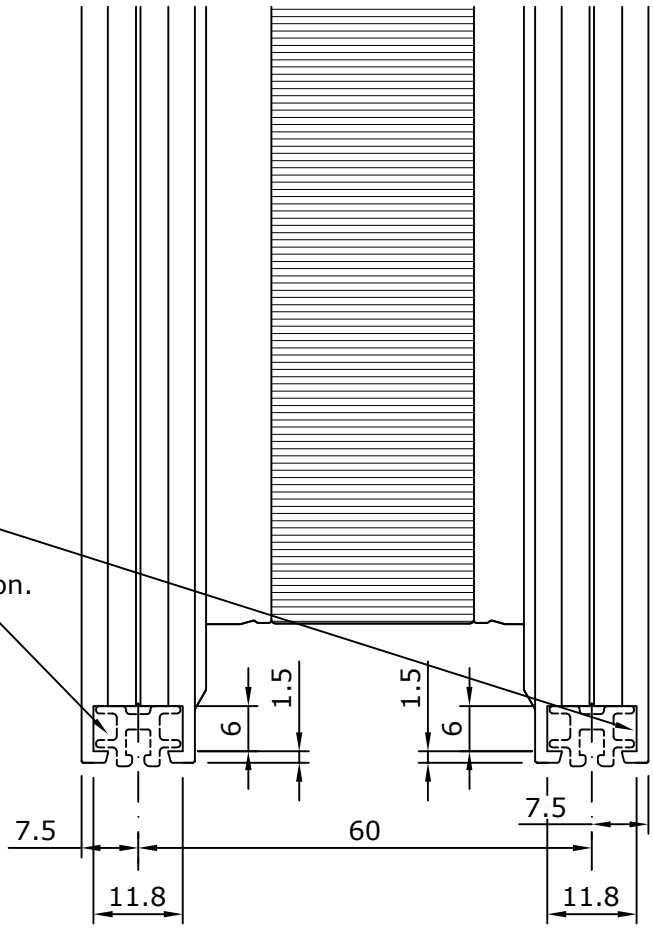
System 26 Hi/Hi+
BI-FOLDING DOOR

If inserting large bubble seal BF038 in owner-occupied domestic applications omit BF013 brush seal carrier prep to leading edge of door.

Door sash
BF005007
BF006007







11.8 x 6mm notches to allow brush seal carriers BF013 to slide into position.

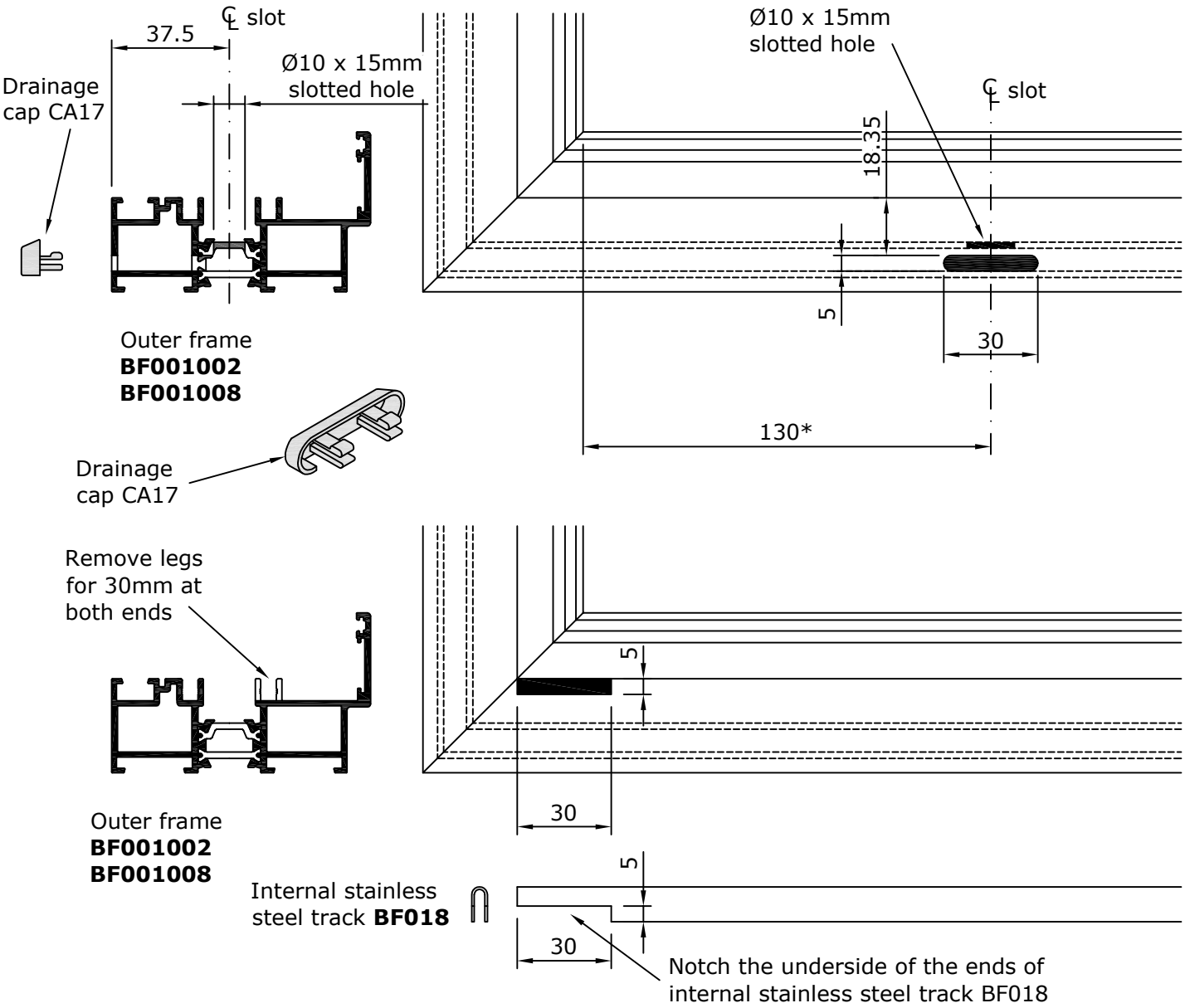
Not to Scale

Drainage Details

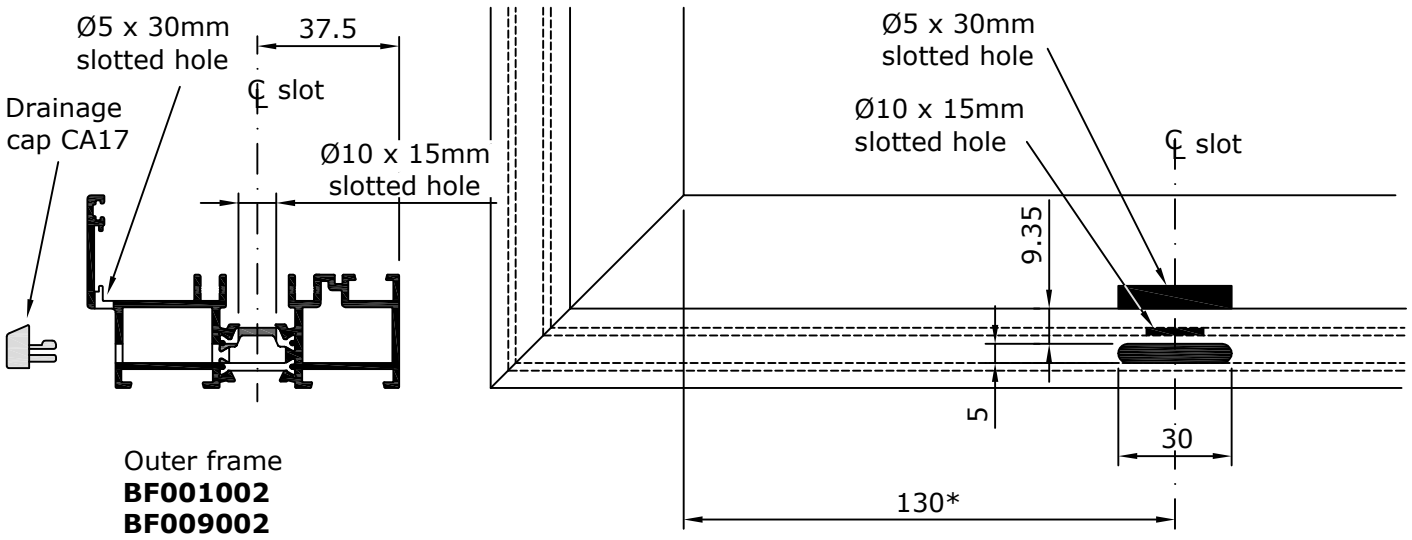
To Suit Rebated Outer Frames

System 26 Hi/Hi+
BI-FOLDING DOOR

Outer frame prep for open out doors



Outer frame prep for open in doors



* Additional drainage preps to be centred on door meeting stiles.

Scale 1:2

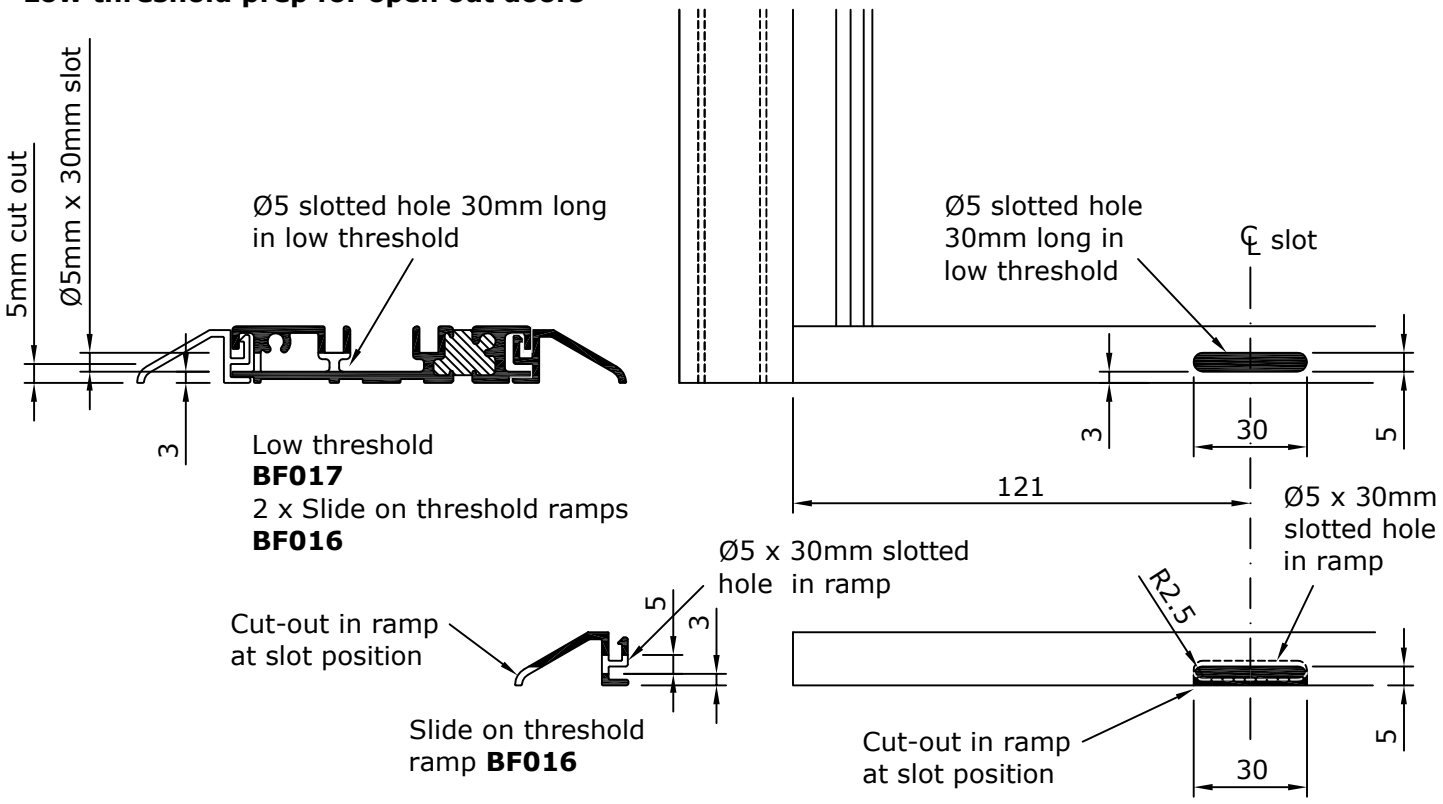
Drainage Details

To Suit Low Threshold

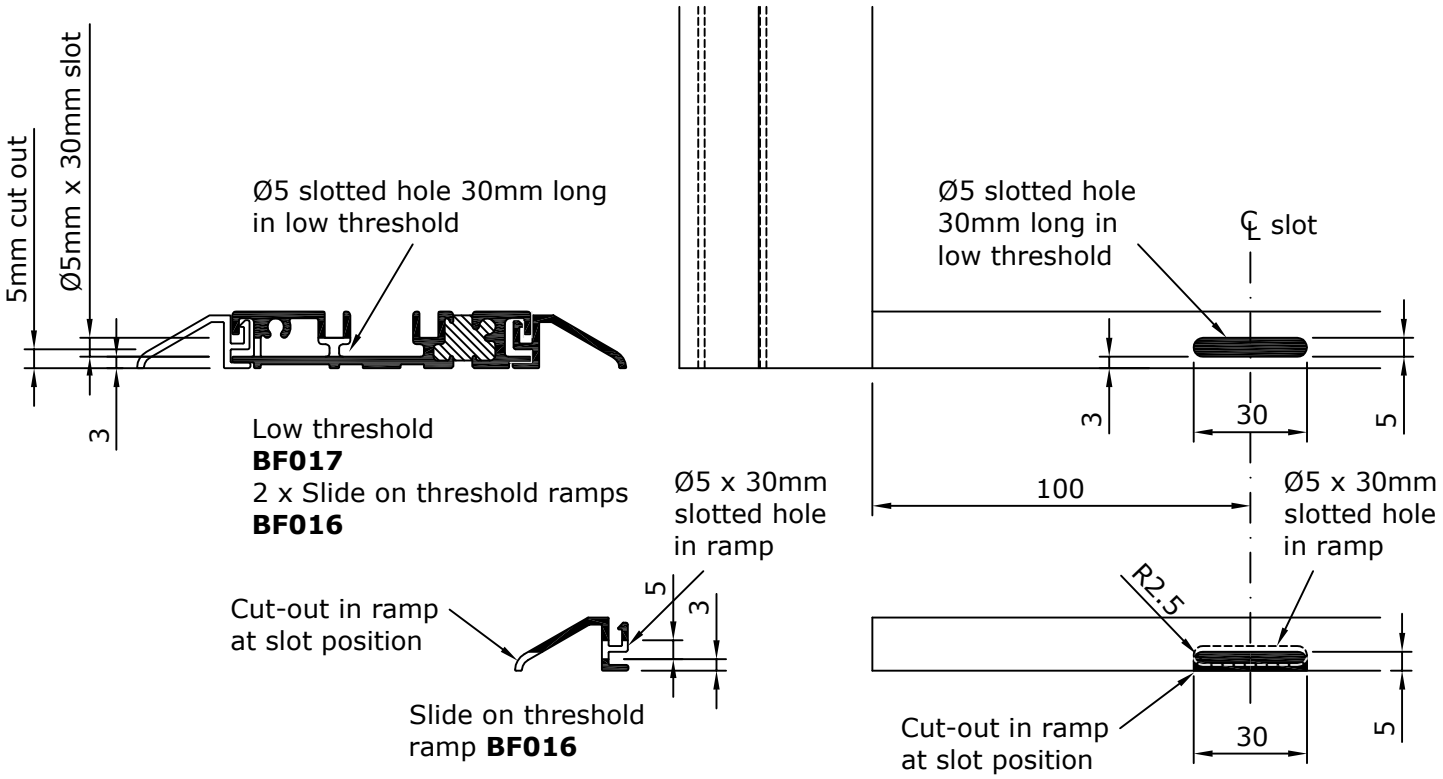
System 26 Hi/Hi+
BI-FOLDING DOOR

For assembly and sealing details refer to "Assembly Detail - Low Threshold to Frame" sheets.

Low threshold prep for open out doors



Low threshold prep for open in doors



Additional drainage preps to be centred on door meeting stiles.

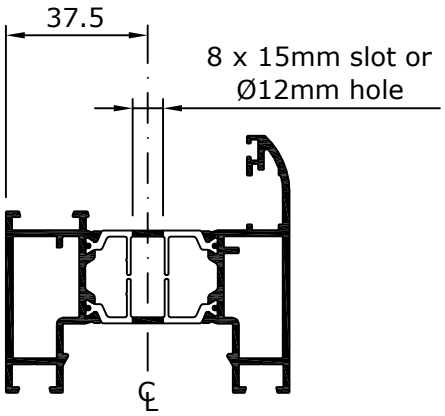
Scale 1:2

Drainage Details

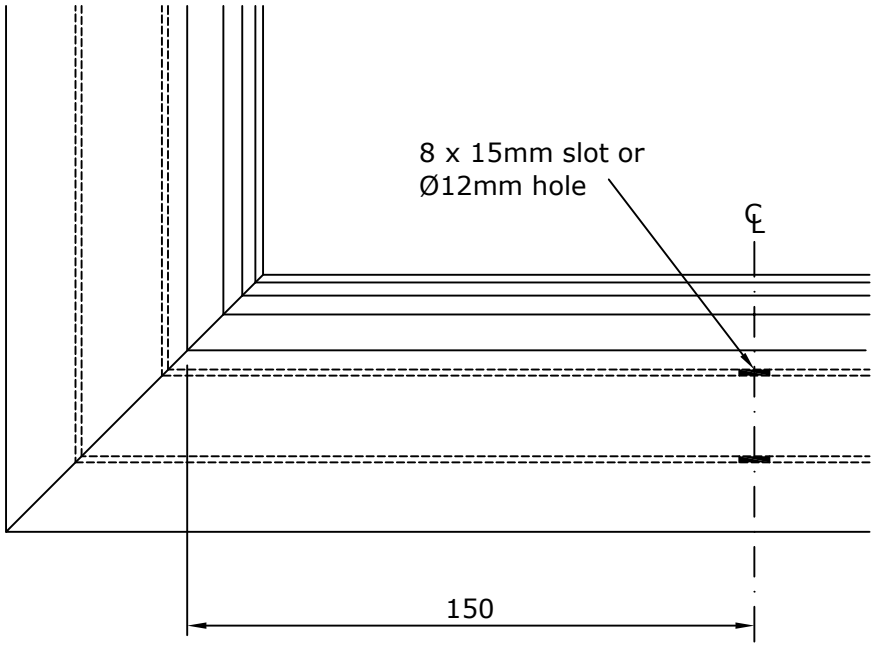
To Suit Open In and Open Out Door Sashes

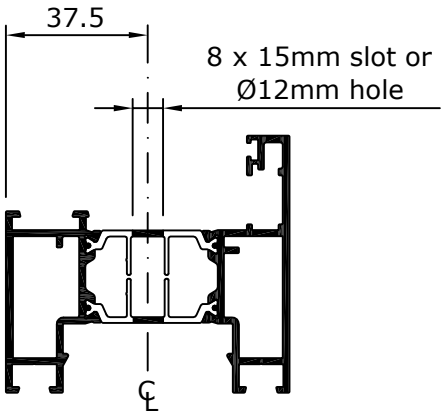
System 26 Hi

BI-FOLDING DOOR

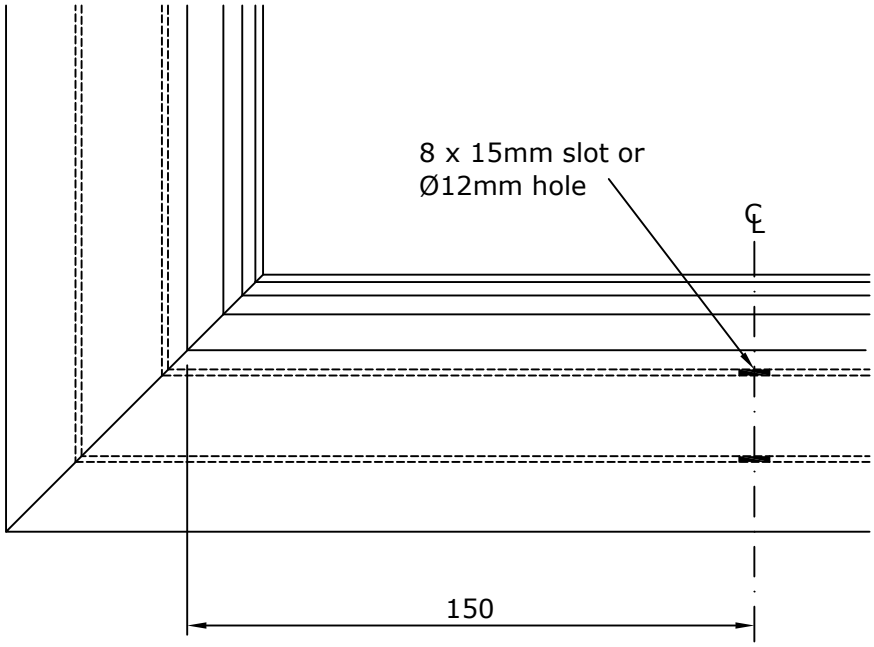


Section
BF006007





Section
BF005007



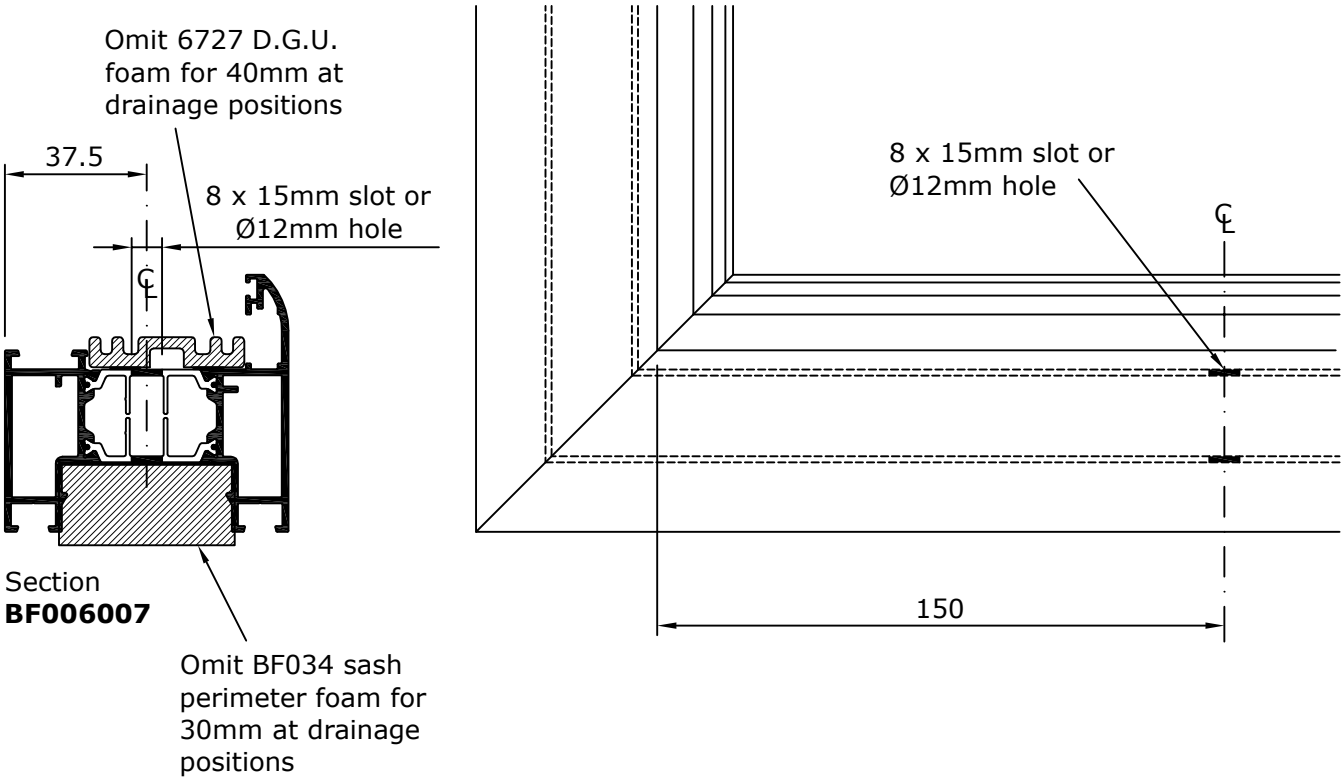
Scale 1:2

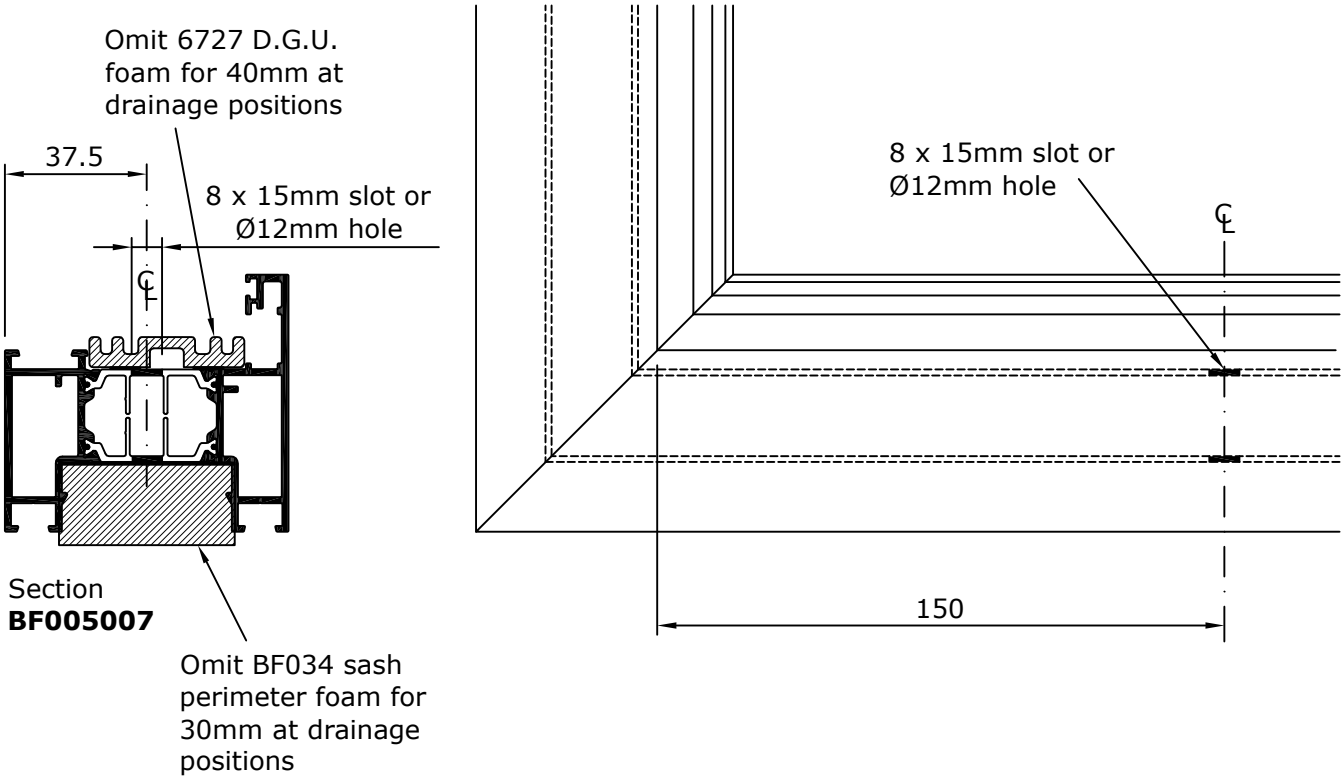
Drainage Details

To Suit Open In and Open Out Door Sashes

System 26 Hi+

BI-FOLDING DOOR



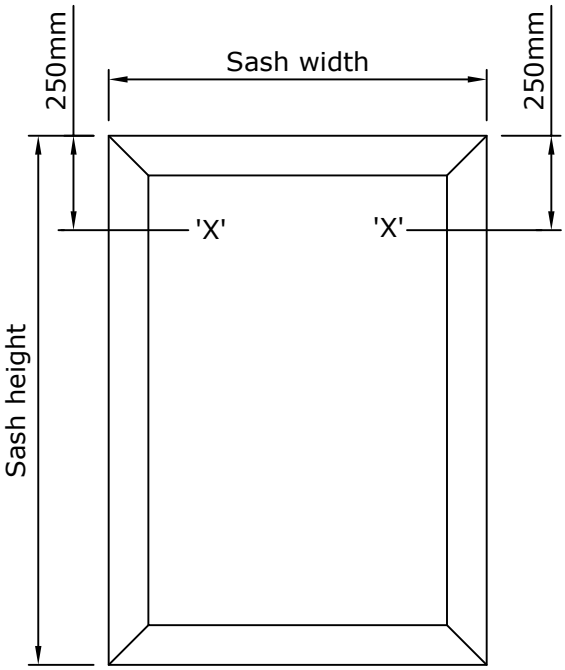


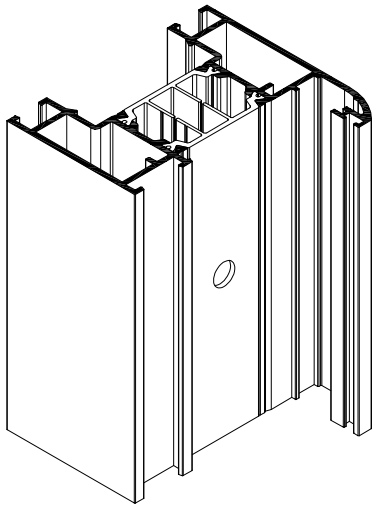
Scale 1:2

Pressure Equalisation - Sash

System 26 Hi/Hi+

BI-FOLDING DOOR

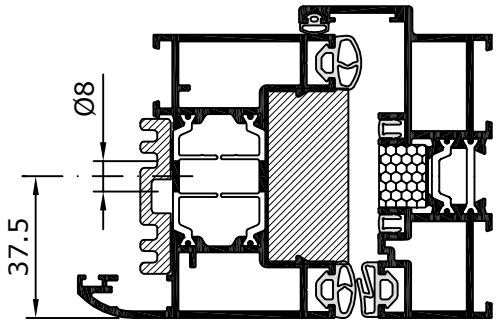


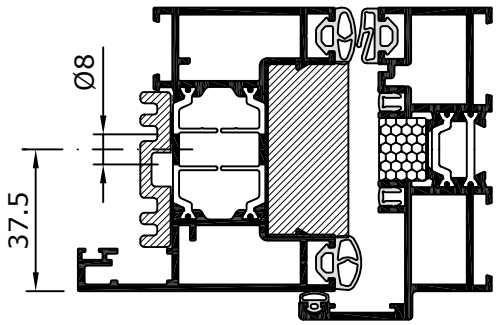


8mm Ø hole at top corners of profile to give pressure equalisation and allow drainage (at positions marked 'X' above)

In Hi+ applications omit foam for 30mm at pressure equalisation positions.

INSIDE





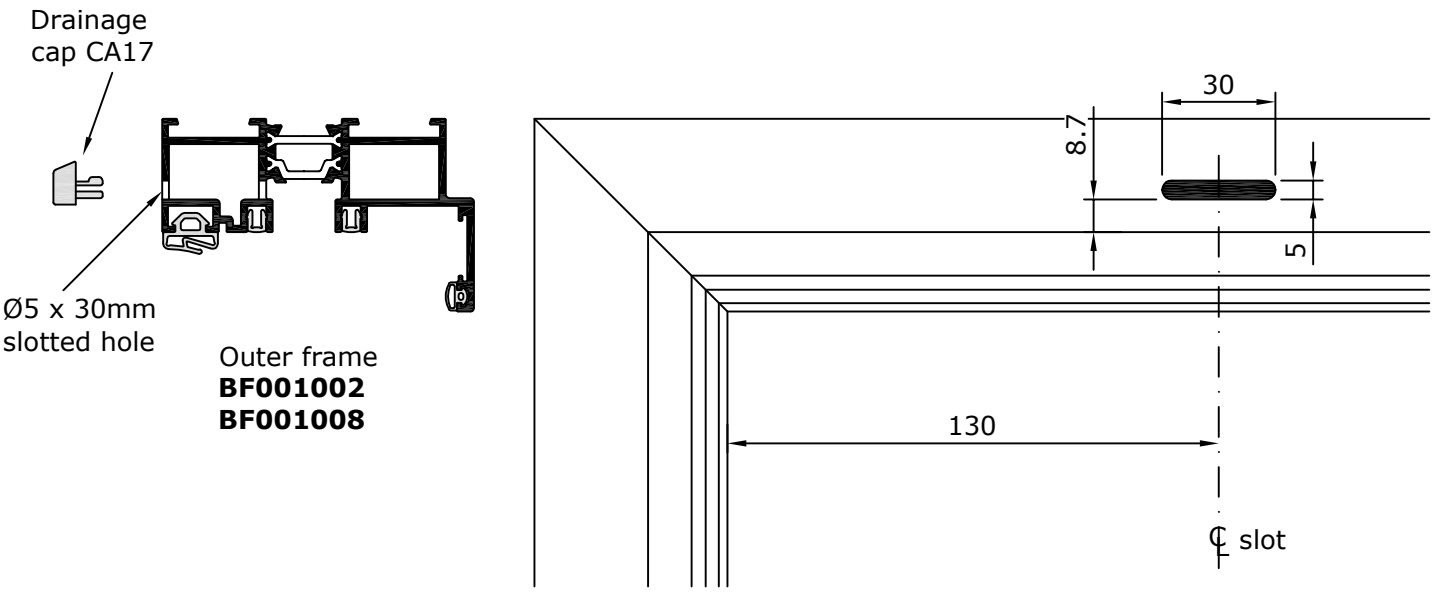
OUTSIDE

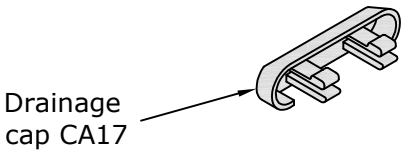
Scale 1:2

Pressure Equalisation - Outer Frame

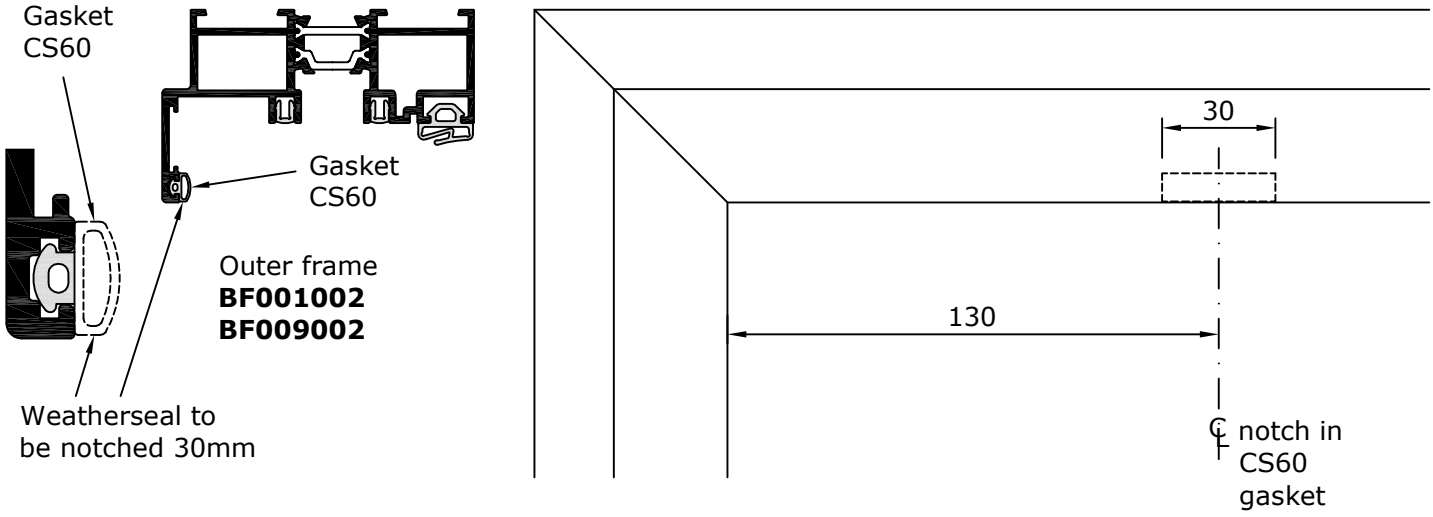
Pressure equalisation to outer frame may be required in exposed applications.

OPEN OUT DOORS





OPEN IN DOORS



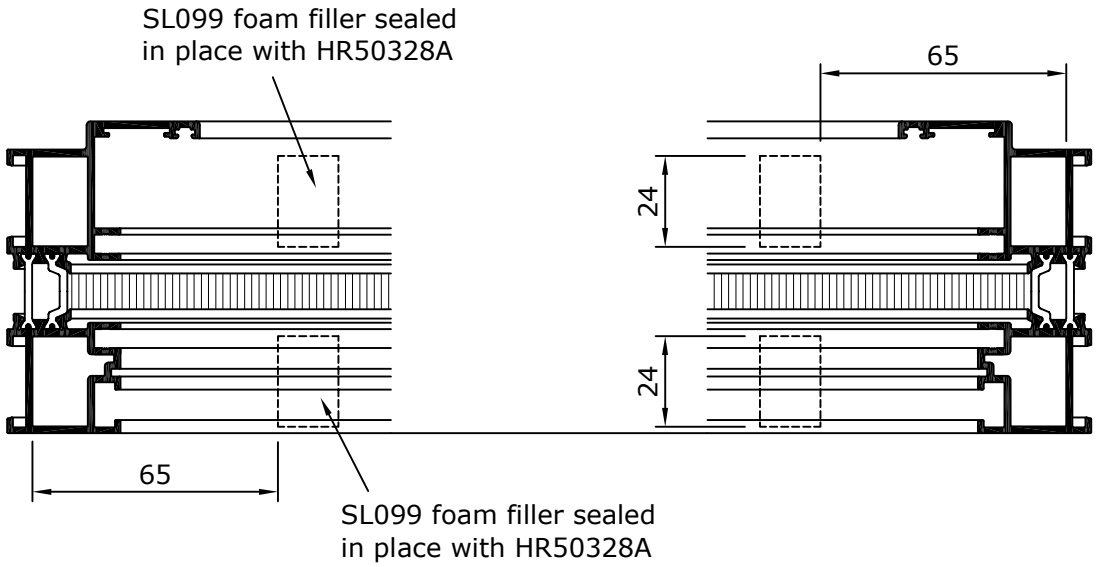
Not to scale

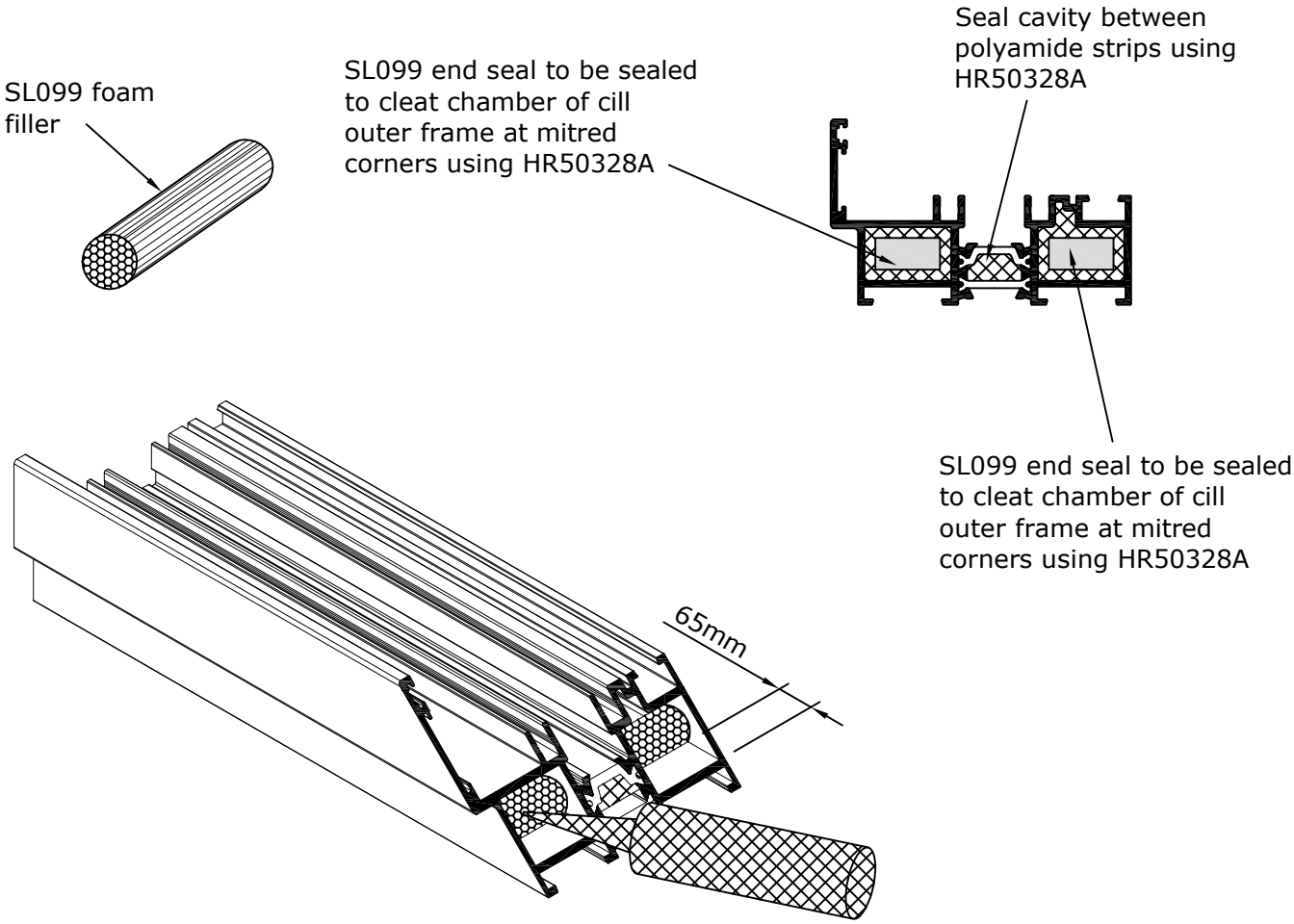
Rebated Threshold Drainage End Seal

SL099 foam filler is sold per metre. To be cut to size as shown below.

Drainage end seals, cut by fabricator from SL099 foam filler, should be fitted to outer frame cill member at mitred corners.

Upon completion, check seal by looking through profile against a light source.





Not to scale

Corner Assembly Details

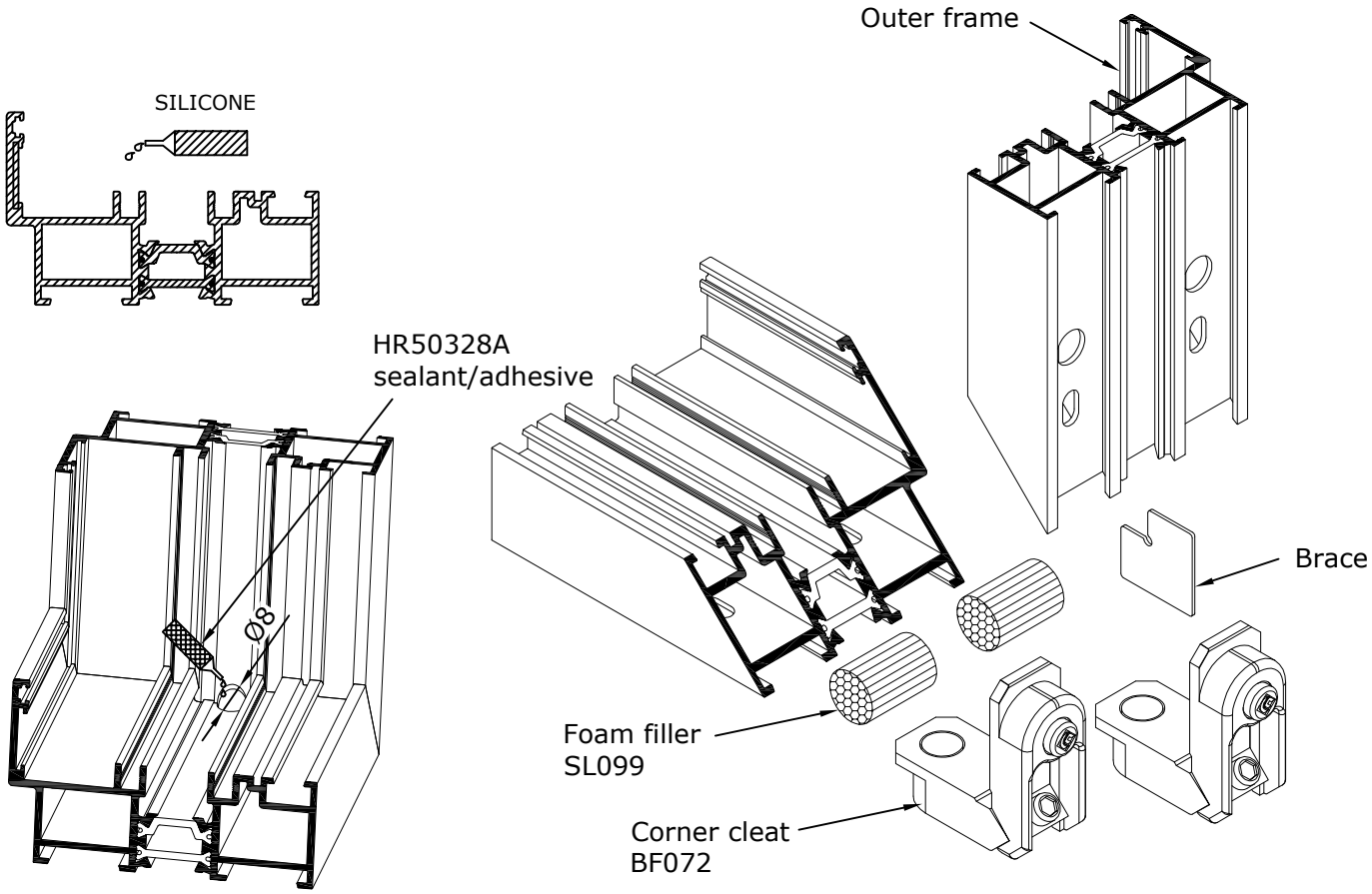
Outer Frame

System 26 Hi/Hi+
BI-FOLDING DOOR

IMPORTANT: PLEASE READ THESE NOTES BEFORE CORNER ASSEMBLY.

METAL TECHNOLOGY RECOMMEND THE USE OF SILICONE TO ENSURE THE SEALING OF CORNER JOINTS. PARTICULAR ATTENTION SHOULD BE PAID TO THE SEALING OF THE CORNER CLEATS AND BRACES TO THE PROFILE.

1. Where door leaf is to be hung off outer frame jamb, with the exception of the bottom hinge ensure all BF045 hinge assembly tapping blocks are inserted into the profiles so that the unthreaded hole is orientated towards the threshold. Tapping block for bottom BF045 hinge assembly should be inserted so that untapped hole is orientated away from threshold.
2. Where keeps are fitted to outer frame jamb, insert BF064 keep fixing plates.
3. Prior to joining outer frame corners fabricator must ensure ends of rebated cill outer frame profile and thermal break cavity are sealed using SL099 foam filler and silicone sealant.
4. Before applying silicone ensure all surfaces to be sealed are free from grease or dust. Clean all aluminium mating surfaces with MT60 surface cleaner and allow to dry. Fabricator must ensure MT60 surface cleaner is fully compatible with surface finish on a project-by-project basis.
5. Apply silicone to the mating surfaces of the mitre cut aluminium and thermal break profiles. Silicone need only be applied to one side of the mitred joint.
6. Insert corner cleats and braces and push sections together. Ensure mitred joint is aligned and true. Tighten screw in cleat to close up joint.
7. Wipe away any excess silicone from the mitred joint using MT60 surface cleaner and allow to dry. Ensure all surfaces and recesses are clear of silicone.
8. Check the mitre is tight on both sides and that there is no movement.
9. Seal access holes and slots for cleats with silicone sealant.
10. For larger doors fabricators may wish to assemble outer frame on site for ease of transport.
11. After outer frame has been mechanically assembled drill Ø8mm hole at 45° into internal mitre of polyamide strip. Inject polyamide cavity with HR50328A adhesive/sealant to ensure mitred joint is sealed without obstructing drainage route.



SILICONE SHOULD BE APPLIED TO THE PERIMETER OF THE CLEAT CHAMBER OF THE FRAME SECTION AND THE CORNER BRACE GROOVE.

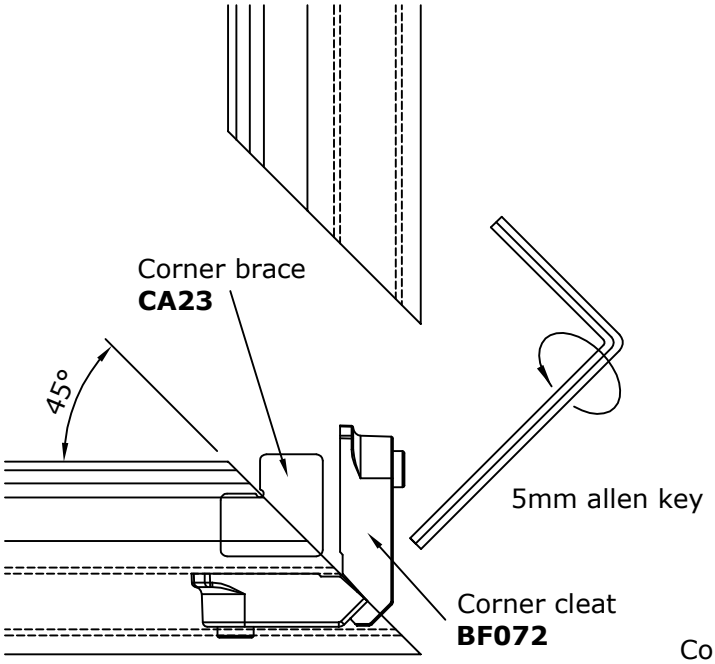
Not to scale

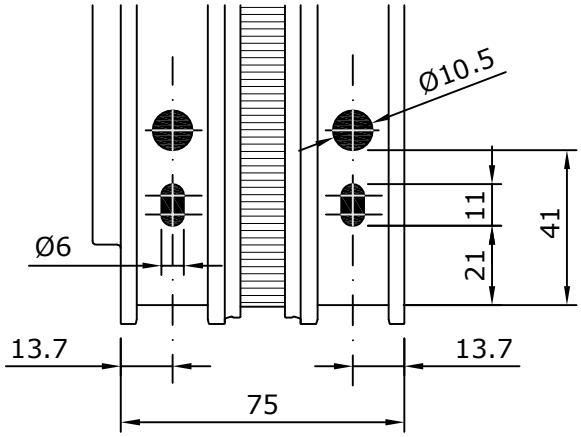
Mechanical Corner Details

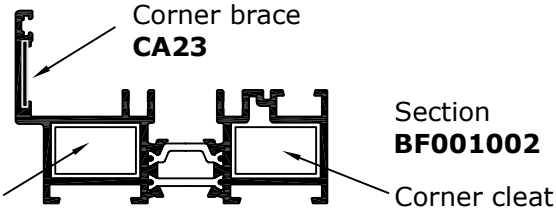
Outer Frame

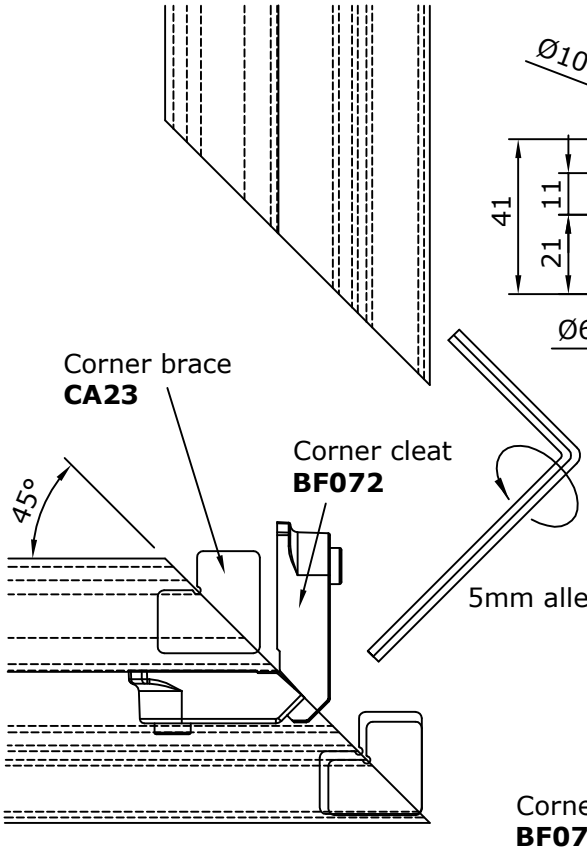
System 26 Hi/Hi+
BI-FOLDING DOOR

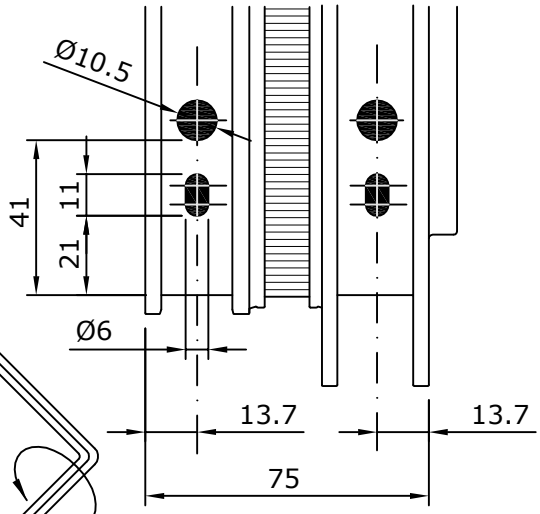
Use punch tool 1A373600.
For typical details of corner assembly and adhesive/sealant application see "Corner Assembly Details - Outer Frame" sheet.

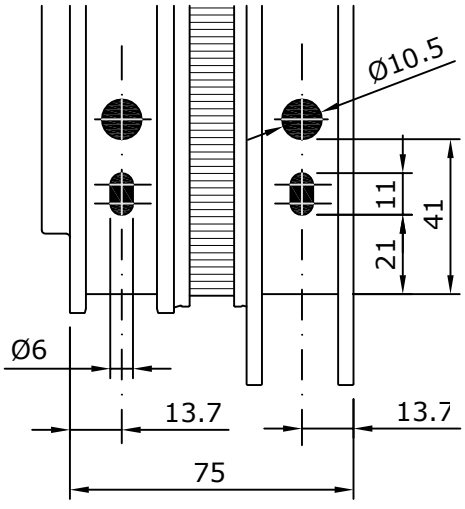


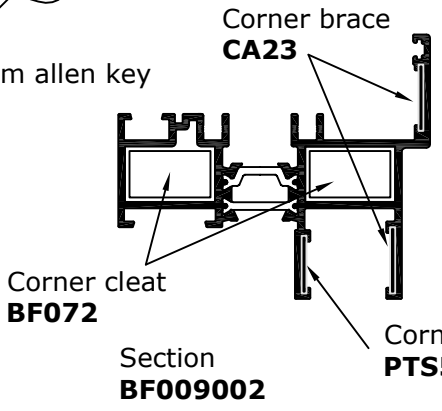


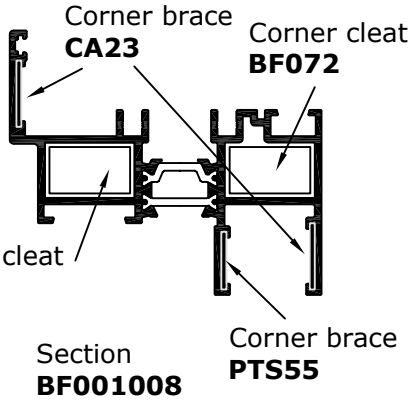


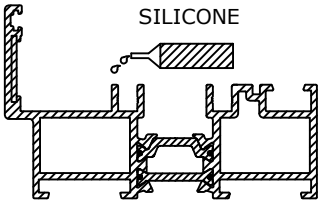












SILICONE SHOULD BE APPLIED TO THE PERIMETER OF THE CLEAT CHAMBER OF THE FRAME SECTION AND THE CORNER BRACE GROOVE.

Scale 1:2

Corner Assembly Details

Sash

System 26 Hi/Hi+

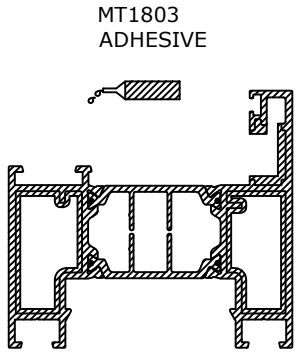
BI-FOLDING DOOR

IMPORTANT: PLEASE READ THESE NOTES BEFORE CORNER ASSEMBLY.

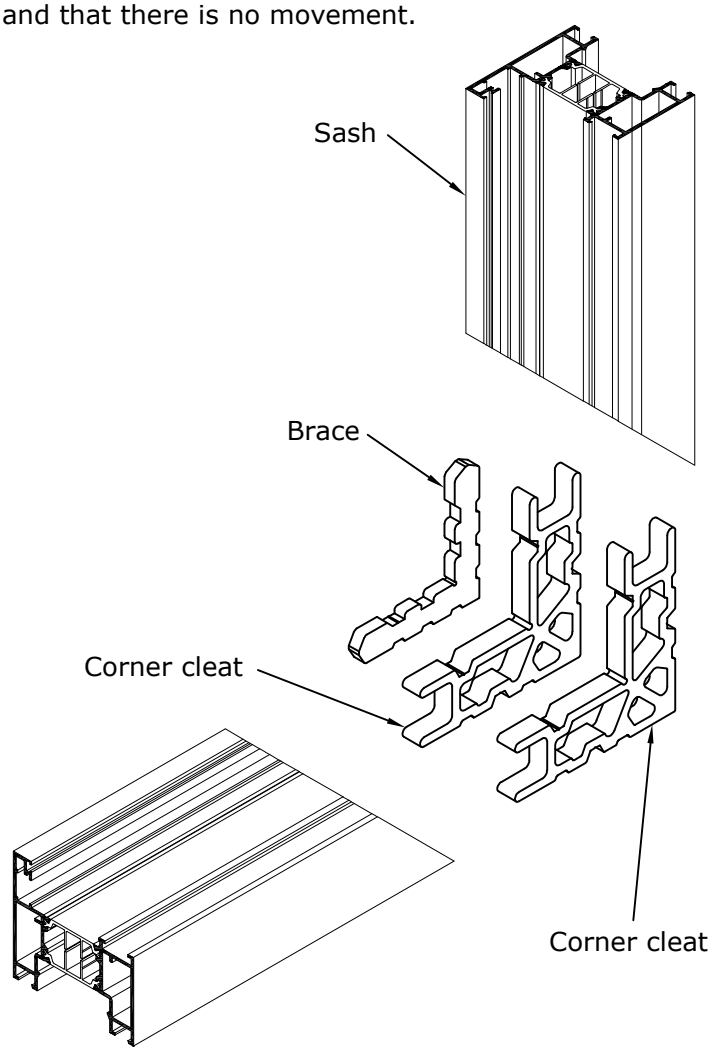
METAL TECHNOLOGY RECOMMEND THE USE OF PNEUMATIC CRIMPERS, AND MT1803 ADHESIVE TO ENSURE THE STABILITY OF CORNER JOINTS. PARTICULAR ATTENTION SHOULD BE PAID TO THE BONDING OF THE CORNER BRACES TO THE PROFILE.

TO ACHIEVE THE DOUBLE CRIMP SHOWN METAL TECHNOLOGY OFFER CRIMPING KNIVES BF099, SUITABLE FOR USE WITH THE ELUMATIC EP124 CRIMPER.

1. Where fitted, remove BF030 pvc liner from sash profile prior to crimping.
2. Insert hinge/roller tapping blocks and BF113 glass jack plate into sash profile prior to crimping corners. With the exception of the bottom hinge ensure all tapping blocks are inserted into the profiles so that the unthreaded hole is orientated towards the threshold. Tapping block for bottom should be inserted so that untapped hole is orientated away from threshold.
3. Before applying MT1803 adhesive ensure all surfaces to be glued are free from grease or dust. Clean all aluminium mating surfaces with MT60 surface cleaner and allow to dry. Fabricator must ensure MT60 surface cleaner is fully compatible with surface finish on a project-by-project basis.
4. Apply MT1803 adhesive to the mating surfaces of the mitre cut aluminium and thermal break profiles. Adhesive need only be applied to one side of the mitred joint.
5. Apply MT1803 adhesive to the internal perimeter of the cleat chambers and corner brace grooves. This must be applied to both sides of the mitred joint, and to sufficient depth to ensure full bonding/sealing of the cleats and braces.
6. Insert corner cleats and braces and push sections together. Ensure mitred joint is aligned and true. Crimp fully assembled mitred corner.
7. Wipe away any excess adhesive from the mitred joint using MT60 surface cleaner and allow to dry. Ensure all bead and gasket recesses are clear of adhesive.
8. Seal crimps with HR50328A sealant.
9. Check the mitre is tight on both sides and that there is no movement.



MT1803 ADHESIVE SHOULD BE APPLIED TO THE PERIMETER OF THE CLEAT CHAMBER OF THE FRAME SECTION AND THE CORNER BRACE GROOVE.



Not to Scale

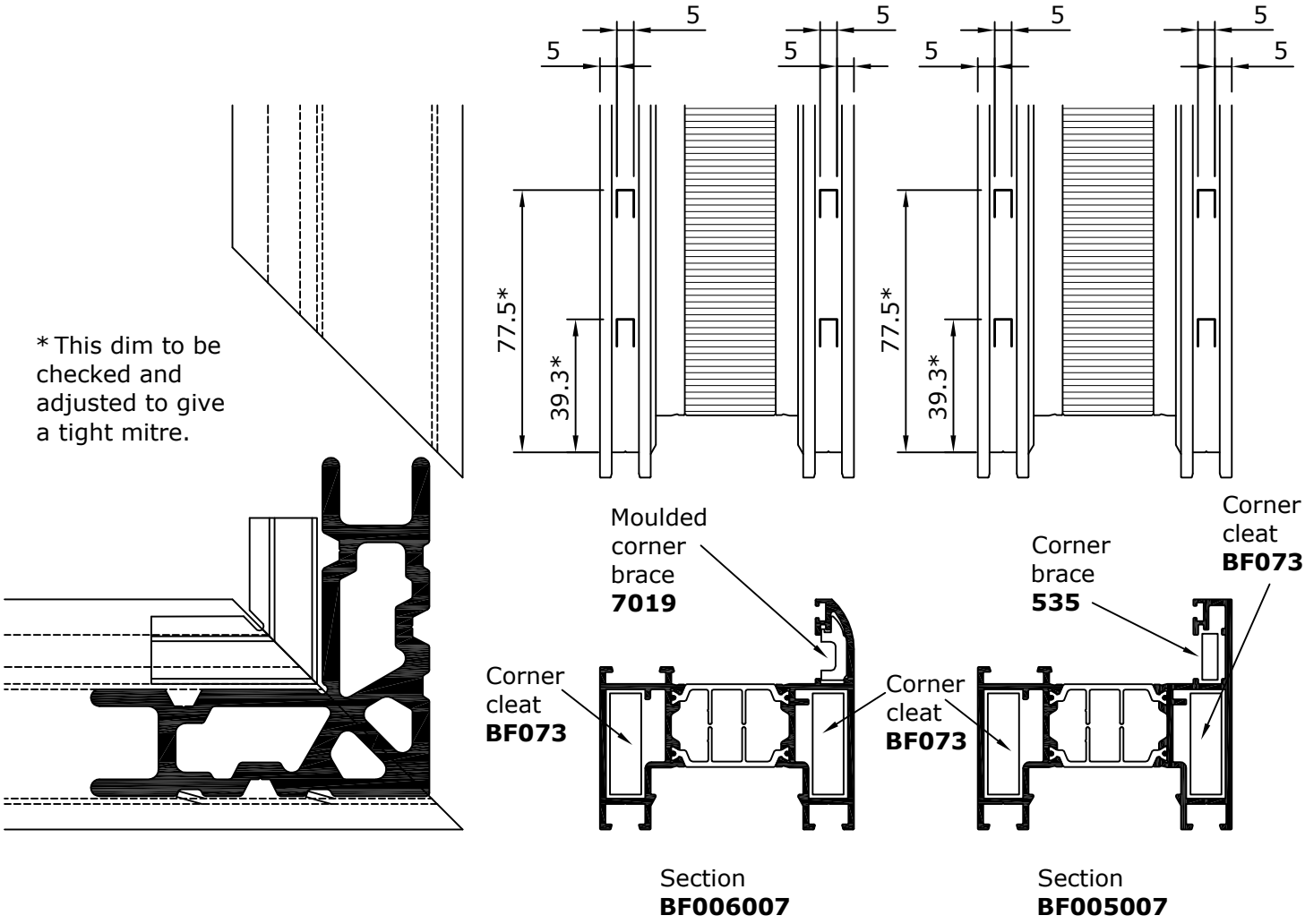
Corner Crimping Detail

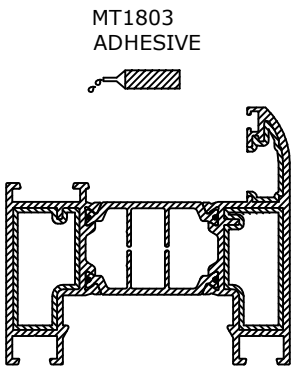
Sash

System 26 Hi/Hi+

BI-FOLDING DOOR

For typical details of corner assembly and adhesive/sealant application see "Corner Assembly Details - Sash" sheet.





MT1803 ADHESIVE SHOULD BE APPLIED TO THE PERIMETER OF THE CLEAT CHAMBER OF THE FRAME SECTION AND THE CORNER BRACE GROOVE.

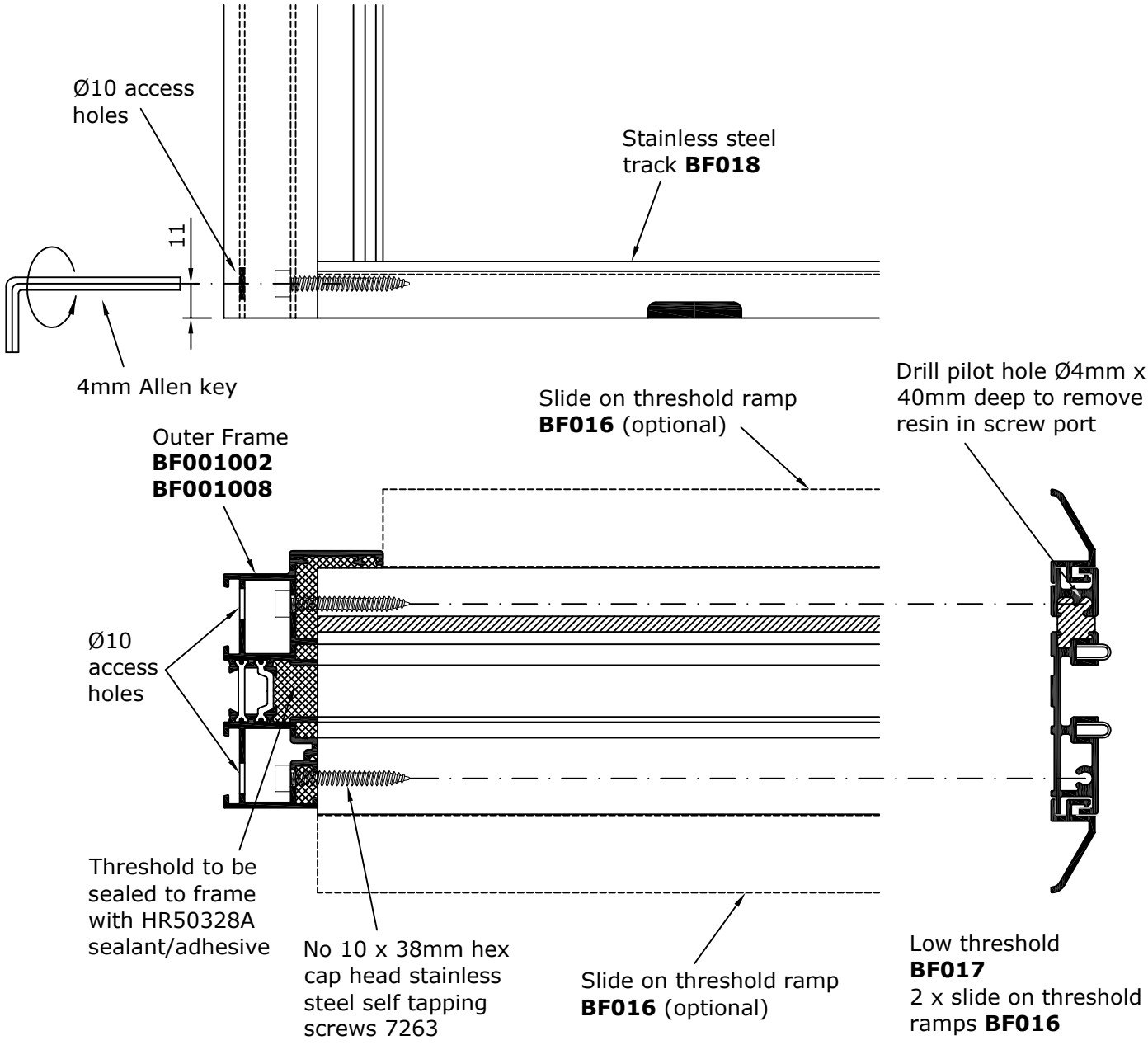
Scale 1:2

Assembly Detail

Low Threshold to Frame - Open Out

System 26 Hi/Hi+
BI-FOLDING DOOR

1. Where door leaf is to be hung off outer frame jamb, with the exception of the bottom hinge ensure all BF045 hinge assembly tapping blocks are inserted into the profiles so that the unthreaded hole is orientated towards the threshold. Tapping block for bottom BF045 hinge assembly should be inserted so that untapped hole is orientated away from threshold.
2. Where keeps are fitted to outer frame jamb, insert BF064 keep fixing plates.
3. Prep outer frame in accordance with "Outer Frame End Prep" sheet.
4. Remove resin in screwport at both ends of BF017 threshold by drilling Ø4mm x 40mm deep pilot holes as indicated below.
5. Before applying HR50328A sealant/adhesive ensure all surfaces are free from grease or dust. Clean all aluminium mating surfaces with MT60 surface cleaner and allow to dry. Fabricator must ensure MT60 surface cleaner is fully compatible with surface finish on project-by-project basis.
6. Fit BF016 slide on threshold ramp(s) to BF017 low threshold as required.
7. Align threshold with holes in outer frame and screw into the screwports ensuring screws are bedded and sealed using HR50328A sealant/adhesive.
8. Apply a fillet of HR50328A sealant between outer frame and threshold as indicated below.
9. Wipe away any excess sealant from the joint using MT60 surface cleaner and allow to dry. Ensure all gasket recesses are clear of sealant/adhesive.
10. Check the joint is tight on both sides and that there is no movement.



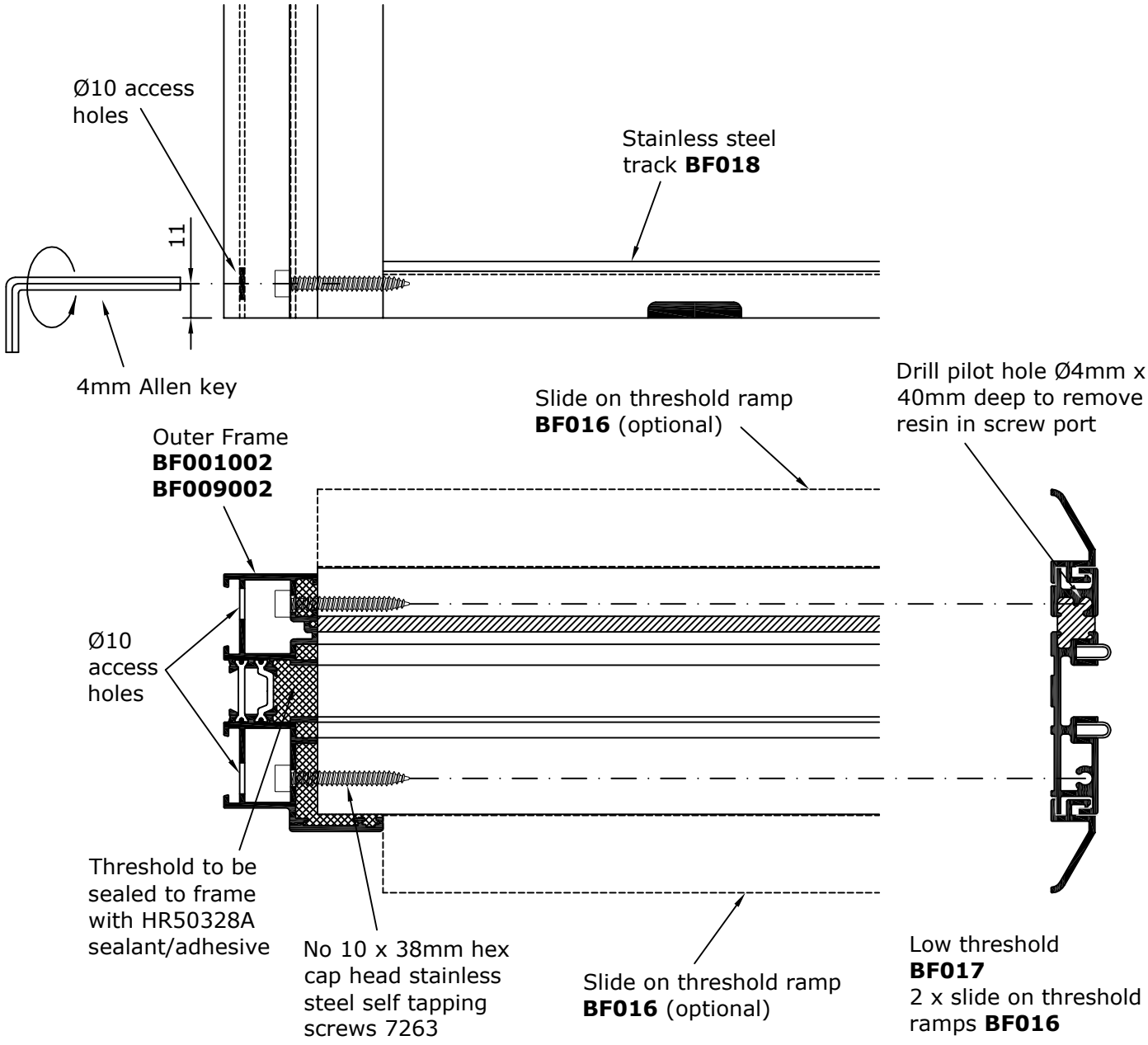
Scale 1:2

Assembly Detail

Low Threshold to Frame - Open In

System 26 Hi/Hi+
BI-FOLDING DOOR

1. Where door leaf is to be hung off outer frame jamb, with the exception of the bottom hinge ensure all BF045 hinge assembly tapping blocks are inserted into the profiles so that the unthreaded hole is orientated towards the threshold. Tapping block for bottom BF045 hinge assembly should be inserted so that untapped hole is orientated away from threshold.
2. Where keeps are fitted to outer frame jamb, insert BF064 keep fixing plates.
3. Prep outer frame in accordance with "Outer Frame End Prep" sheet.
4. Remove resin in screwport at both ends of BF017 threshold by drilling Ø4mm x 40mm deep pilot holes as indicated below.
5. Before applying HR50328A sealant/adhesive ensure all surfaces are free from grease or dust. Clean all aluminium mating surfaces with MT60 surface cleaner and allow to dry. Fabricator must ensure MT60 surface cleaner is fully compatible with surface finish on project-by-project basis.
6. Fit BF016 slide on threshold ramp(s) to BF017 low threshold as required.
7. Align threshold with holes in outer frame and screw into the screwports ensuring screws are bedded and sealed using HR50328A sealant/adhesive.
8. Apply a fillet of HR50328A sealant between outer frame and threshold as indicated below.
9. Wipe away any excess sealant from the joint using MT60 surface cleaner and allow to dry. Ensure all gasket recesses are clear of sealant/adhesive.
10. Check the joint is tight on both sides and that there is no movement.



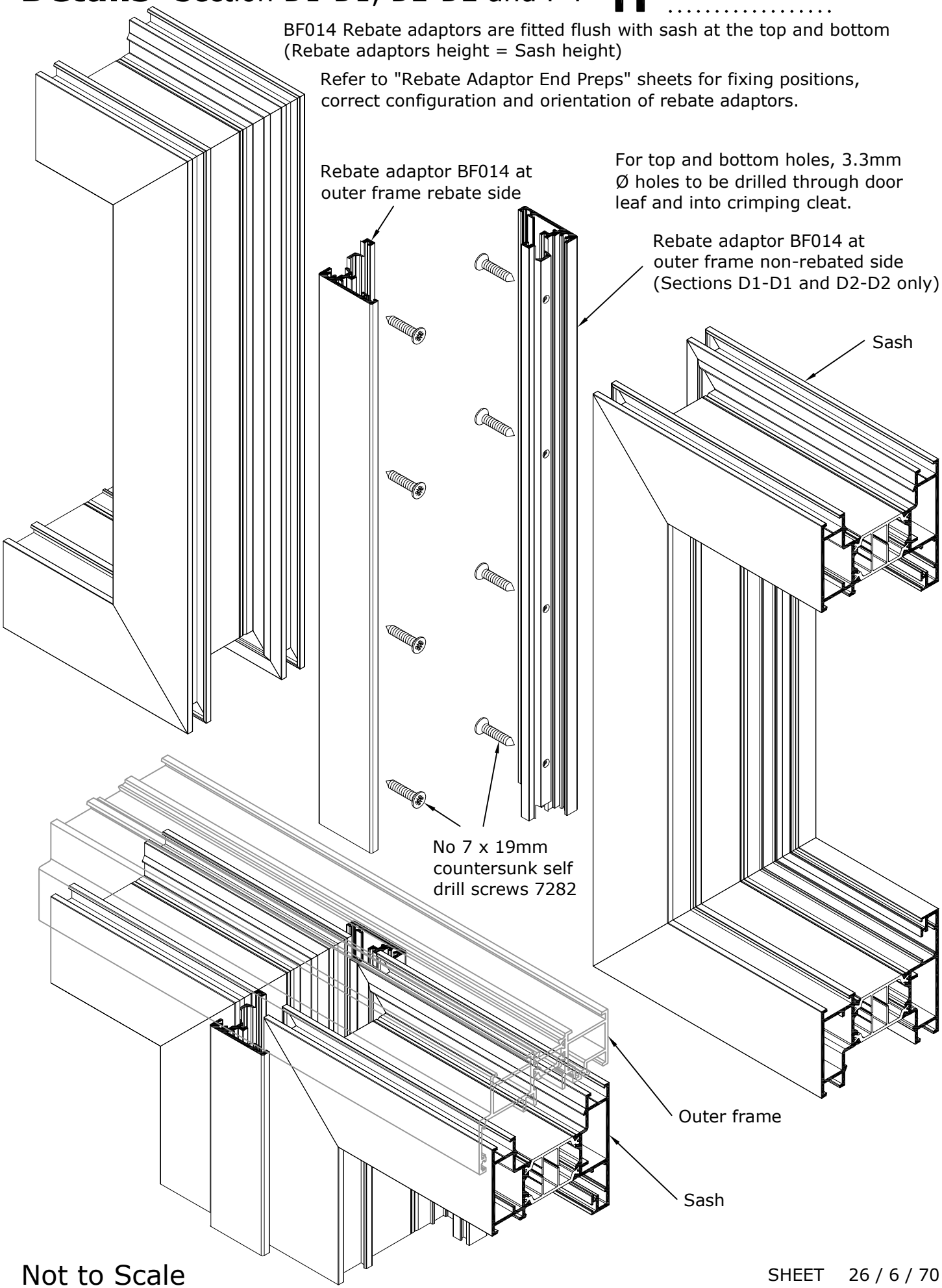
Scale 1:2

Rebate Adaptor Assembly Details Section D1-D1, D2-D2 and F-F

System 26 Hi/Hi+
BI-FOLDING DOOR

BF014 Rebate adaptors are fitted flush with sash at the top and bottom (Rebate adaptors height = Sash height)

Refer to "Rebate Adaptor End Preps" sheets for fixing positions, correct configuration and orientation of rebate adaptors.



Not to Scale

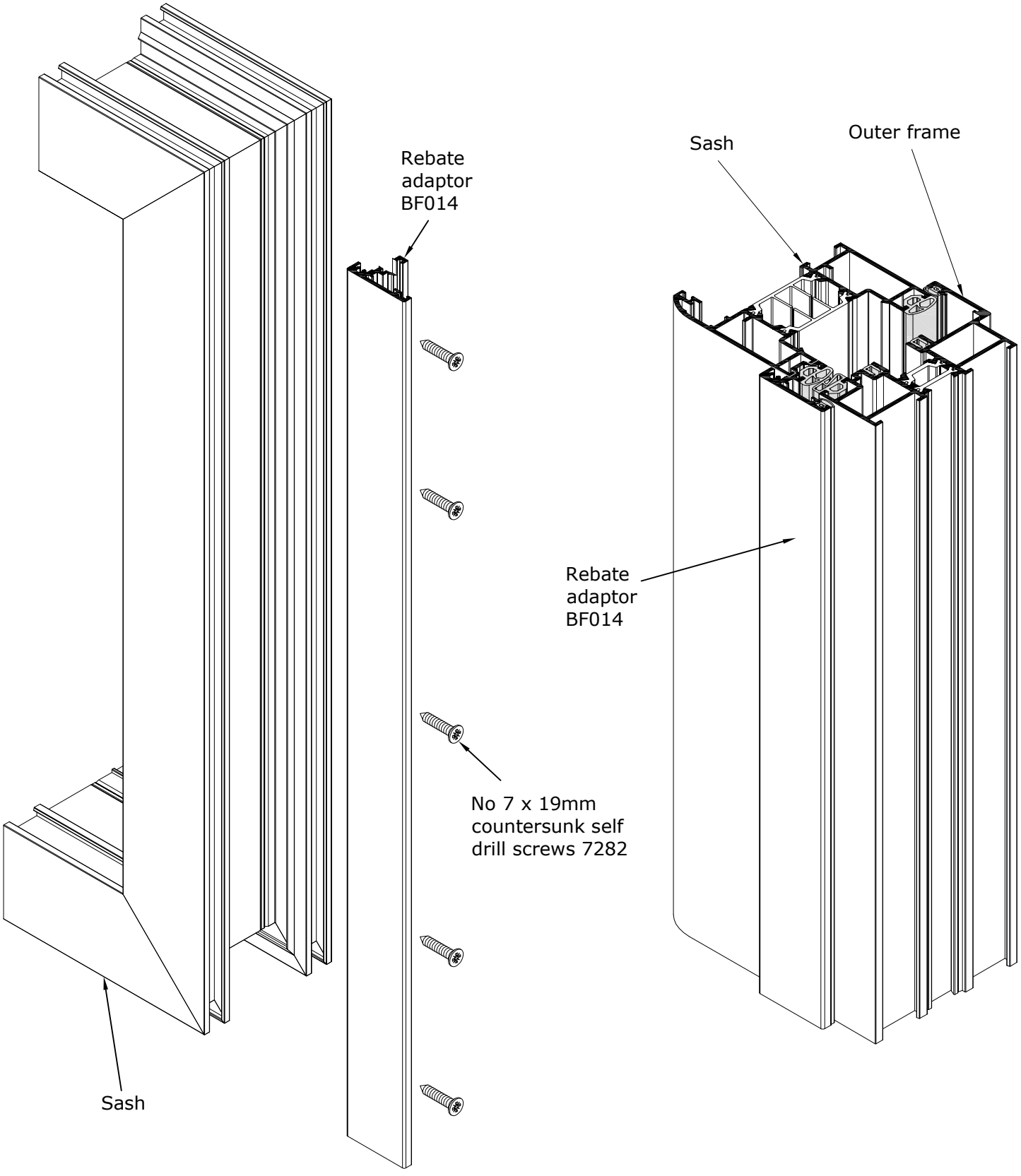
Rebate Adaptor Assembly Details Section B-B

System 26 Hi/Hi+
BI-FOLDING DOOR

BF014 Rebate adaptors are fitted flush with sash at the top and bottom (Rebate adaptors height = Sash height)

Refer to "Rebate Adaptor End Preps" sheets for fixing positions and end preps.

For top and bottom holes, 3.3mm Ø holes to be drilled through door leaf and into crimping cleat.

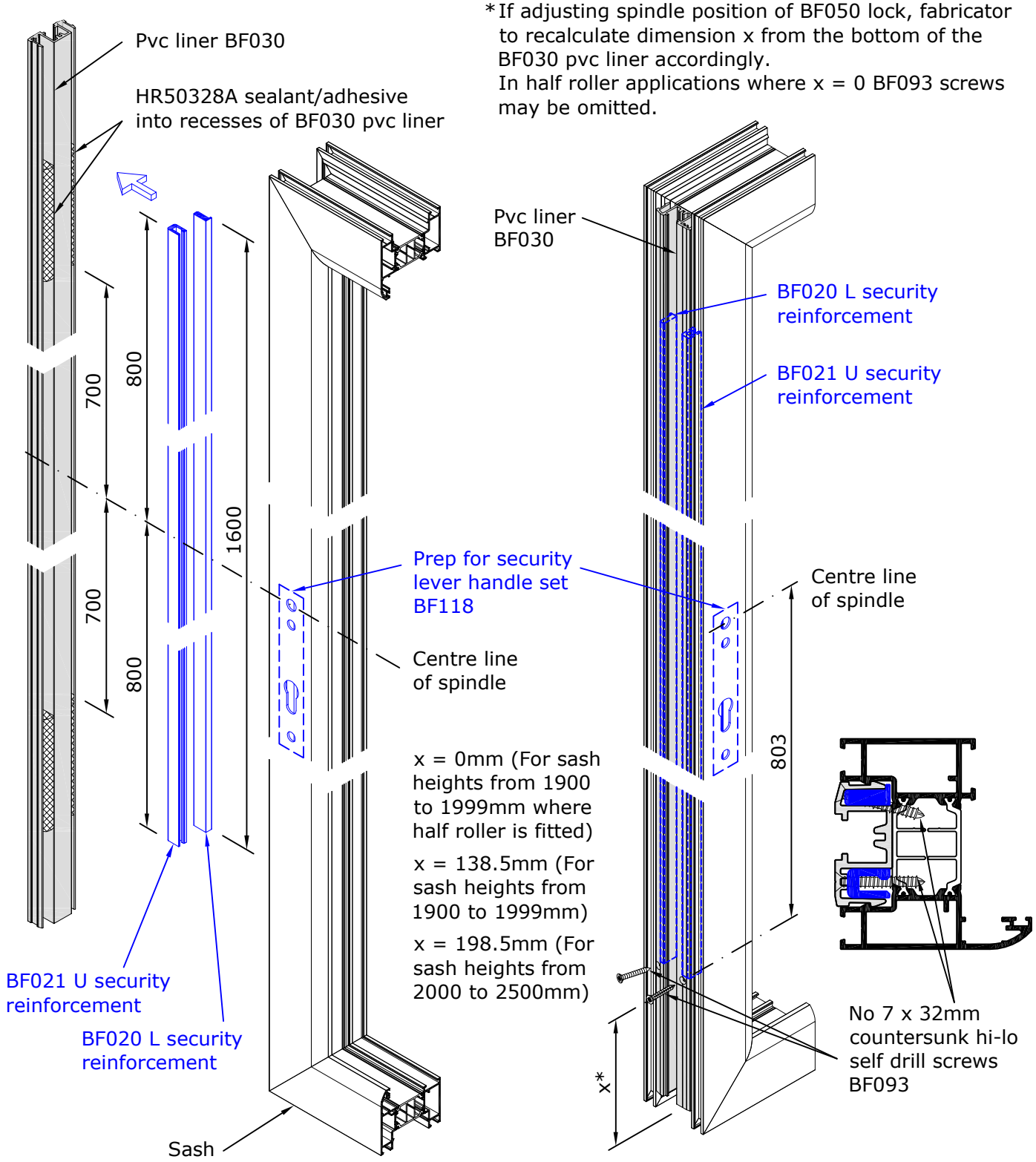


Not to Scale

BF020 and BF021 Security Reinforcement Assembly Details

1. Apply 100mm long run of HR50328A sealant/adhesive into recesses of BF030 pvc liner, 700mm either side of spindle centre line, as indicated.
2. Insert BF020 L security reinforcement and BF021 U security reinforcement into BF030 pvc liner, centred on centre line of spindle.
3. Clip BF030 pvc liner into sash profile.
4. Drill and countersink 2 No Ø3mm pilot holes into BF030 pvc liner 803mm below centre line of spindle. Secure BF030 pvc liner to sash profile using 2 x No 7 x 32mm countersunk hi-lo self drill screws BF093.

*If adjusting spindle position of BF050 lock, fabricator to recalculate dimension x from the bottom of the BF030 pvc liner accordingly.
In half roller applications where x = 0 BF093 screws may be omitted.



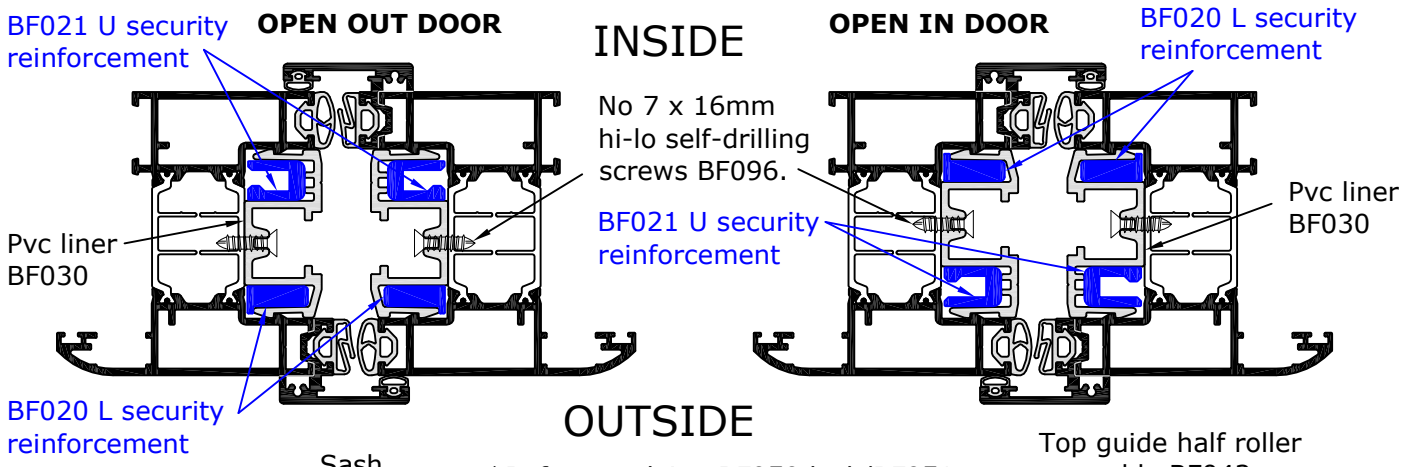
Not to Scale

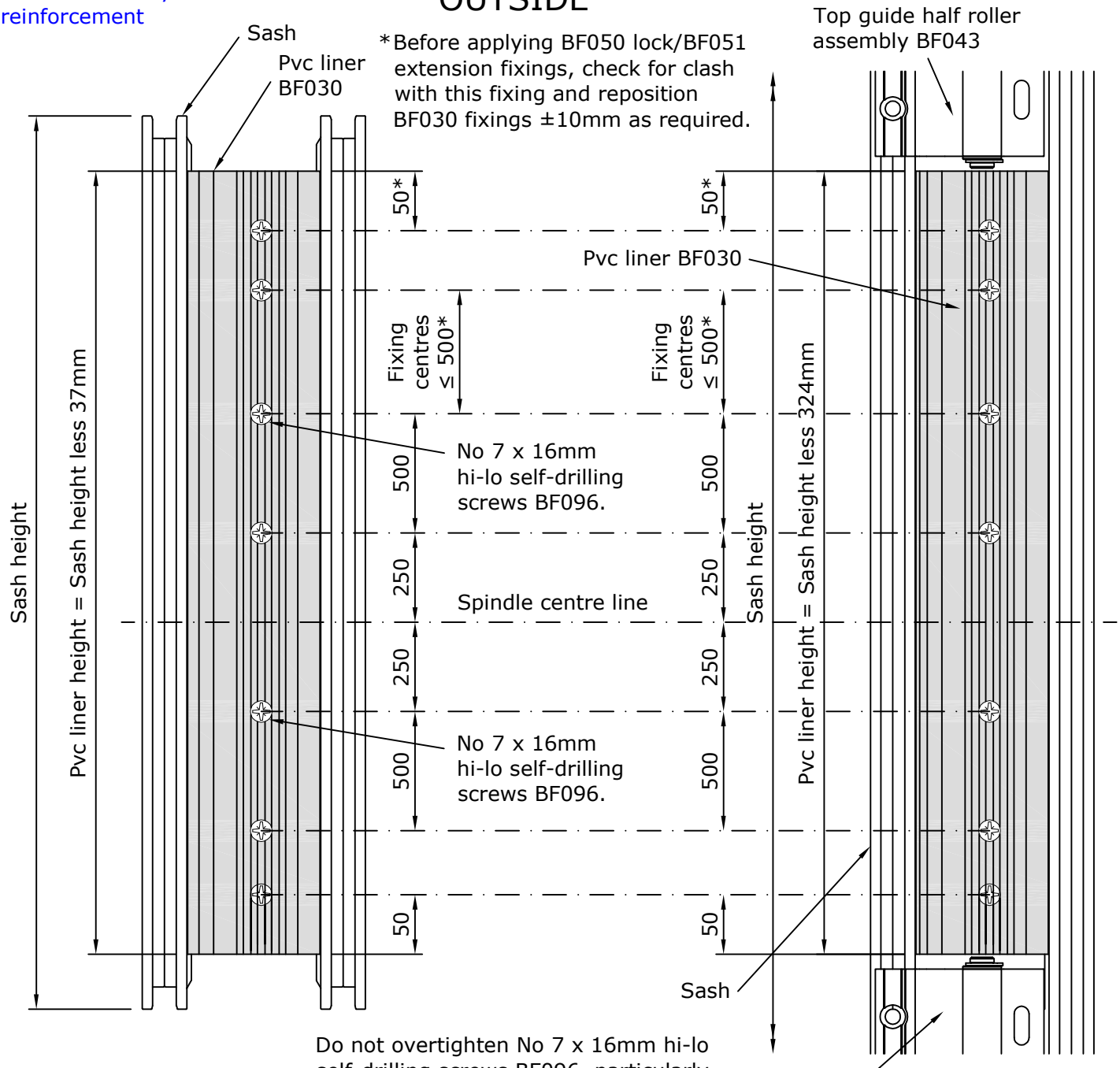
BF030 Pvc Liner Assembly Details Section D1-D1 and D2-D2

System 26 Hi/Hi+
BI-FOLDING DOOR

Identify correct orientation of pvc liner before fixing. Chamfered edge of BF030 pvc liner should be orientated towards leading edge of opening sash, as illustrated below.

Items printed in blue are required in security applications only.





Do not overtighten No 7 x 16mm hi-lo self-drilling screws BF096, particularly at Section D1-D1.

Scale 1:2

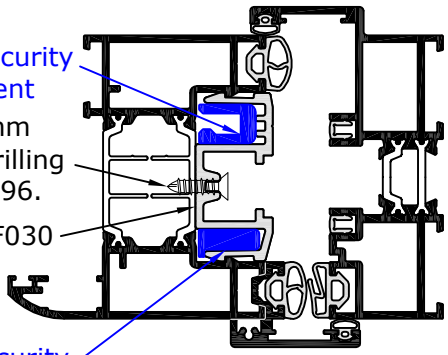
BF030 Pvc Liner Assembly Details Section B-B

System 26 Hi/Hi+
BI-FOLDING DOOR

Identify correct orientation of pvc liner before fixing. Chamfered edge of BF030 pvc liner should be orientated towards leading edge of opening sash, as illustrated below.

Items printed in blue are required in security applications only.

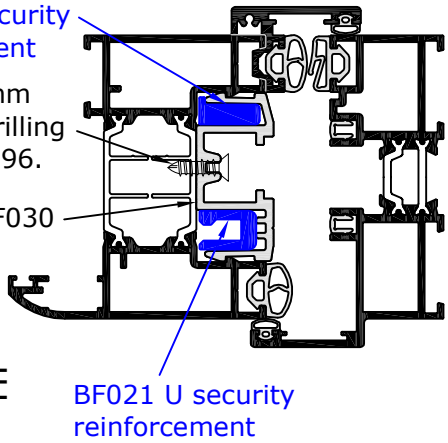
OPEN OUT DOOR

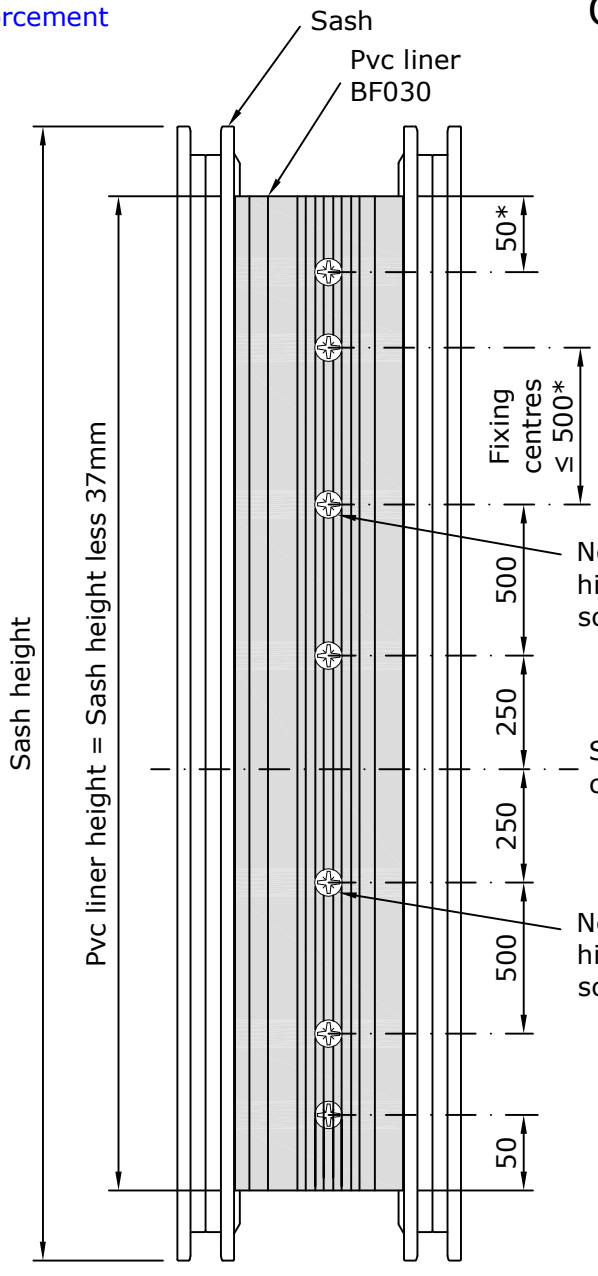


INSIDE

OUTSIDE

OPEN IN DOOR





*Before applying BF050 lock/BF051 extension fixings, check for clash with this fixing and reposition BF030 fixings ±10mm as required.

Do not overtighten No 7 x 16mm hi-lo self-drilling screws BF096.

Scale 1:2

Rebated Jamb Adaptor Assembly Details

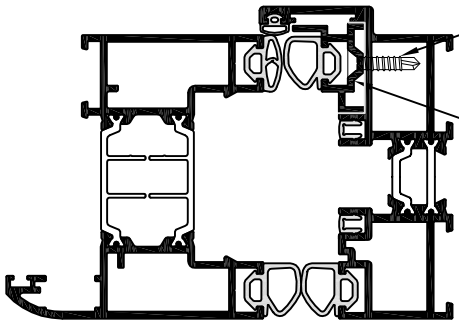
System 26 Hi/Hi+
BI-FOLDING DOOR

Refer to "Rebated Jamb Adaptor Prep" sheet for fixing positions.

OPEN OUT DOOR

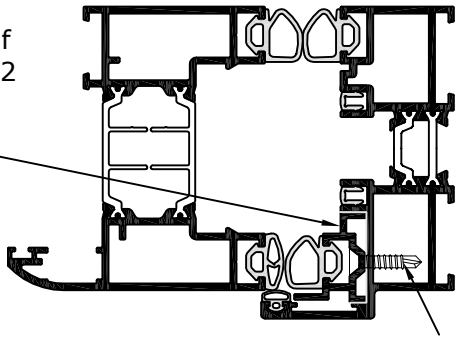
INSIDE

OPEN IN DOOR



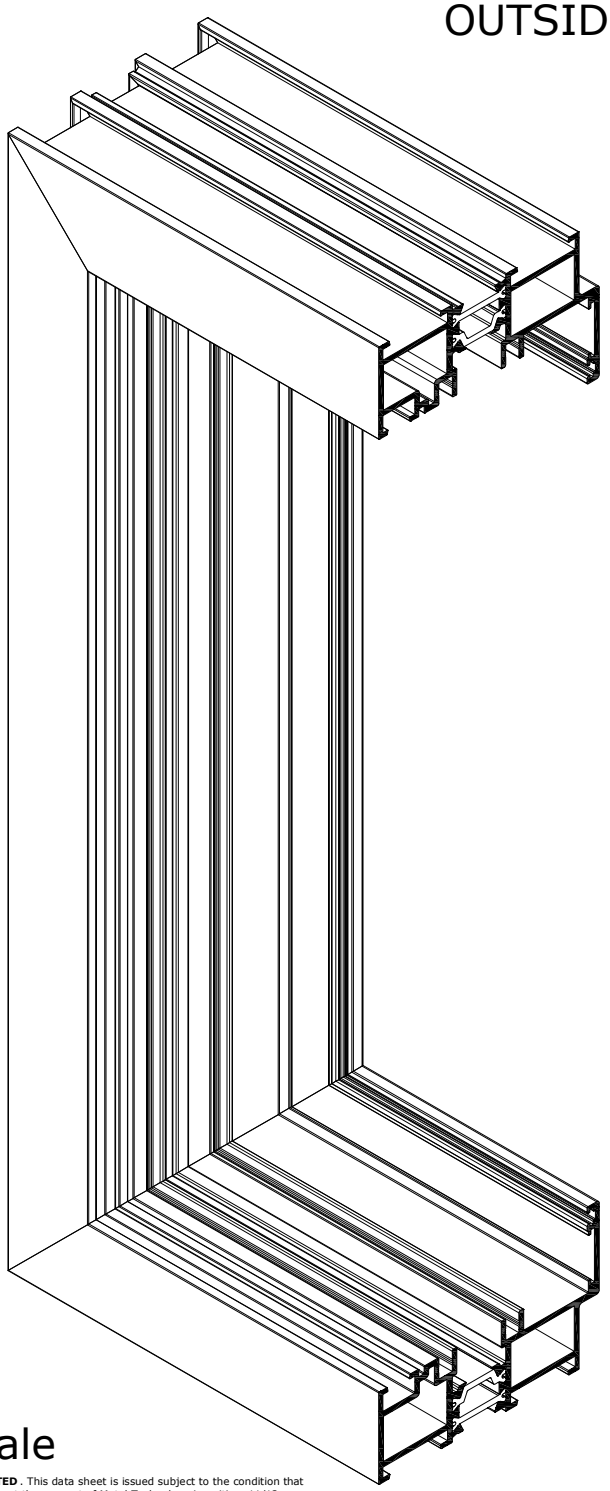
No 7 x 19mm countersunk self drill screws 7282

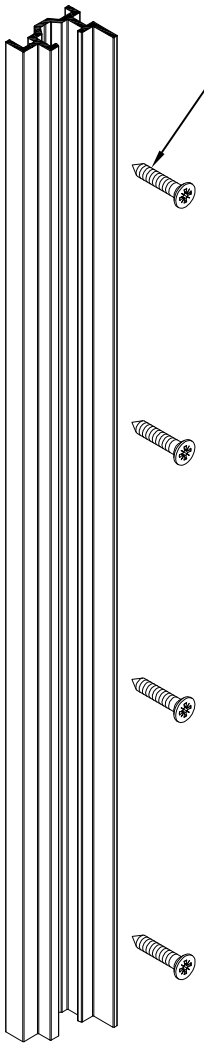
Rebated jamb adaptor BF015



No 7 x 19mm countersunk self drill screws 7282

OUTSIDE





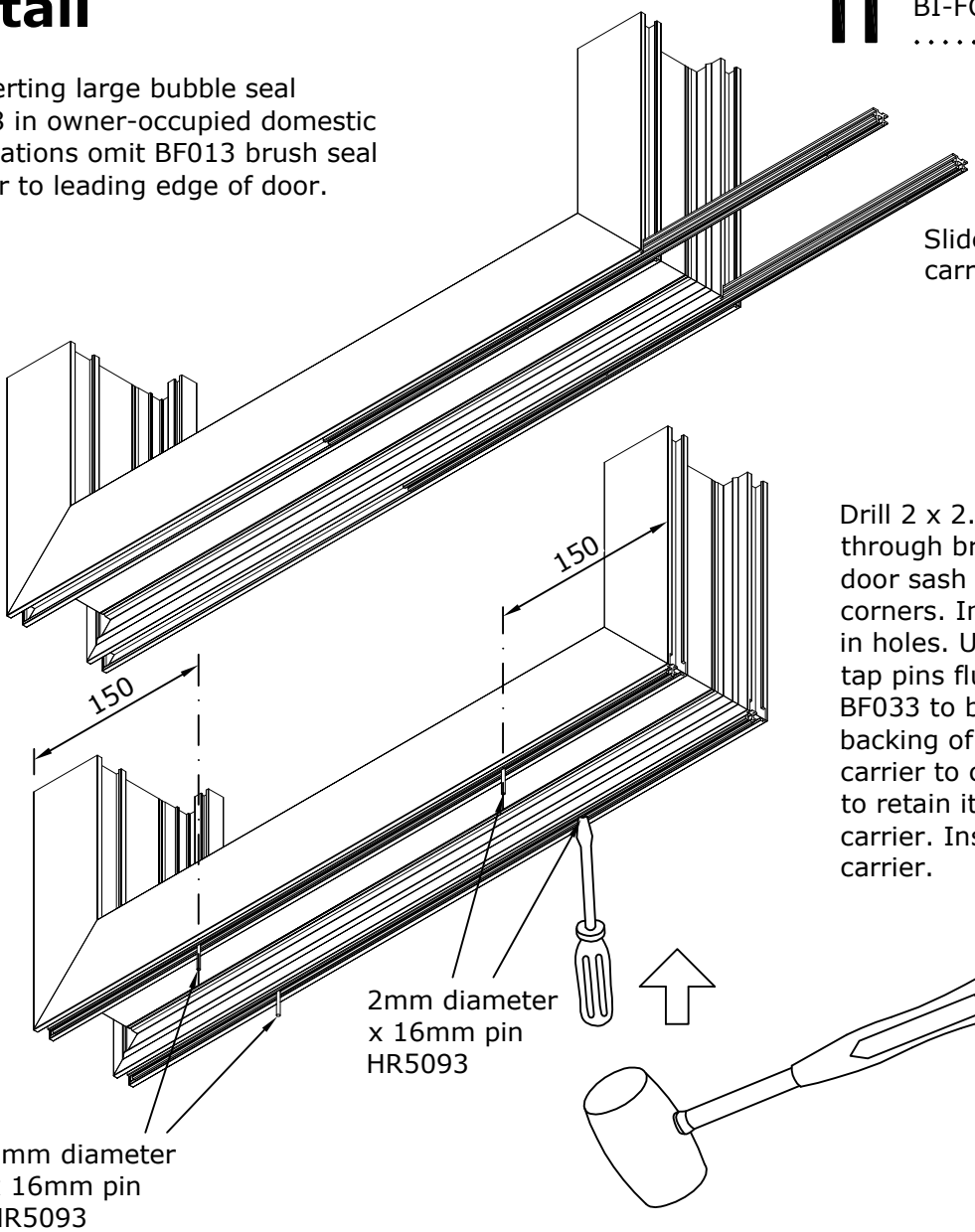
No 7 x 19mm countersunk self drill screws 7282

Not to Scale

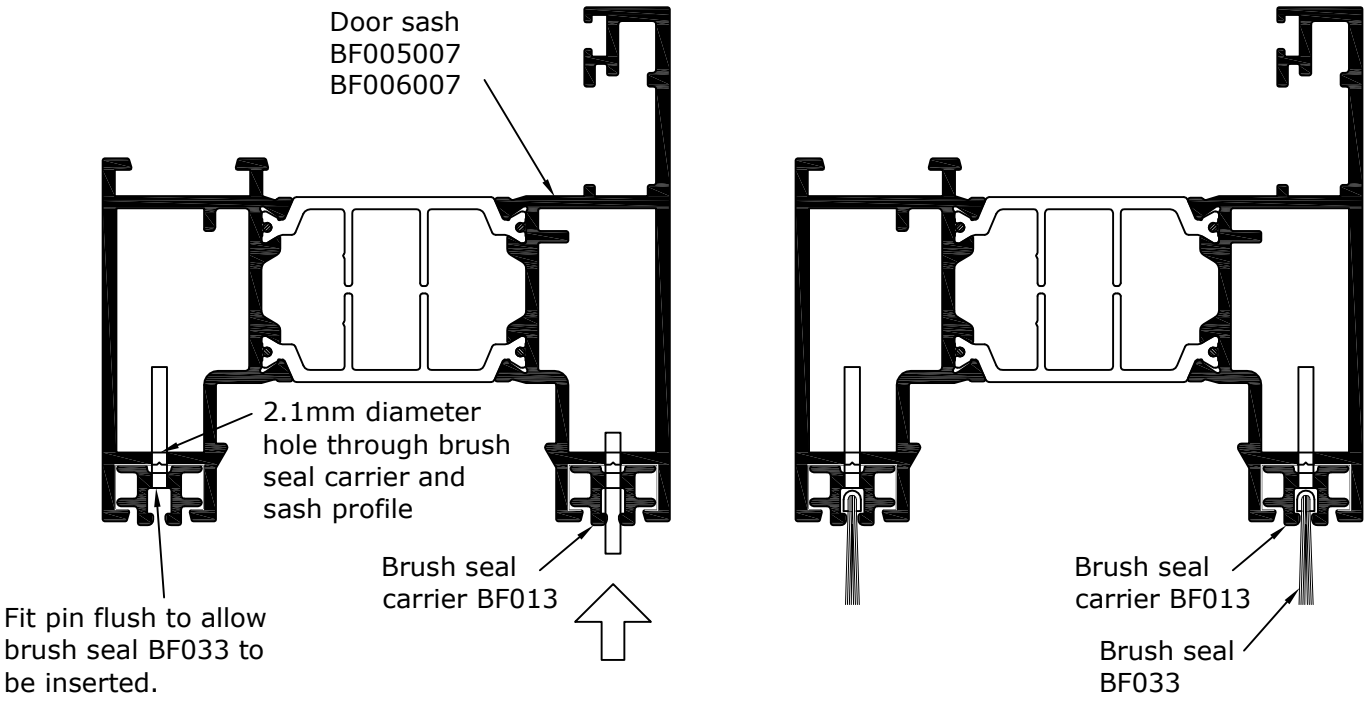
BF013 Brush Seal Carrier Detail

If inserting large bubble seal BF038 in owner-occupied domestic applications omit BF013 brush seal carrier to leading edge of door.

Slide BF013 brush seal carrier in position.



Drill 2 x 2.1mm diameter holes through brush seal carriers and door sash 150mm from bottom corners. Insert 4 x HR5093 pins in holes. Using flat screw driver tap pins flush to allow brush seal BF033 to be inserted. "Kink" steel backing of BF033 brush seal carrier to create sufficient friction to retain it in the brush seal carrier. Insert brush seal into carrier.



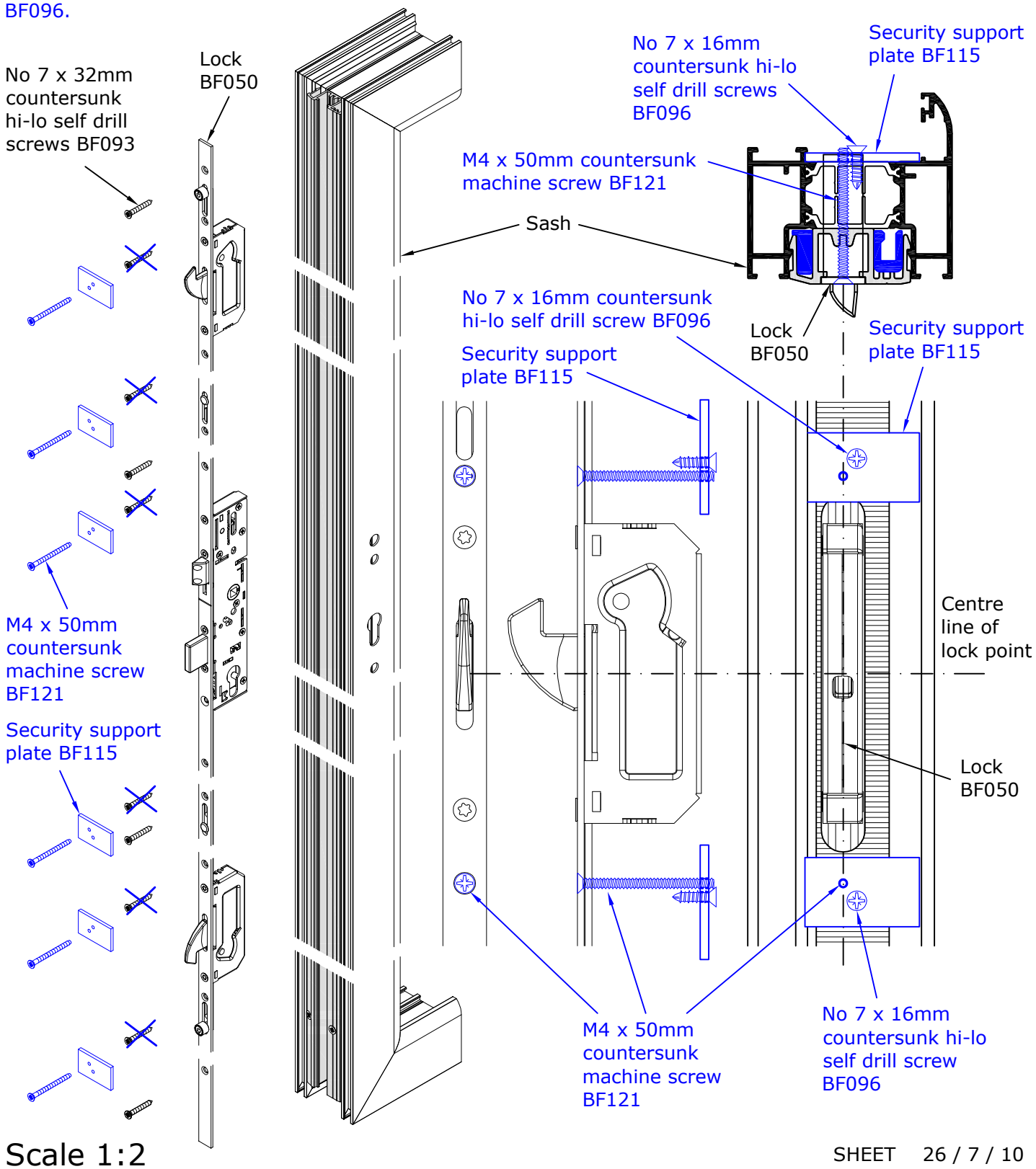
Not to Scale

BF050 Lock Fixing Details

Items printed in blue are required in security applications only.

System 26 Hi/Hi+
BI-FOLDING DOOR

1. Ensuring BF030 pvc liner is orientated correctly, position BF050 lock in sash profile centred on spindle centre line. (Include BF051 lock extension where required). Secure with No 7 x 32mm countersunk hi-lo self drill screws BF093.
2. In security applications omit standard screws BF093 immediately above and below lock points, as indicated.
3. Using lock faceplate as a template, drill Ø4mm clearance holes through BF030 pvc liner and sash profile immediately above and below lock points, as indicated.
4. Insert M4 x 50mm countersunk screws BF121 into pilot holes, and secure to BF115 security support plates, as shown. Ensure BF115 security support plates are orientated correctly so that holes in plates align with pilot holes.
5. Secure BF115 security support plates to sash profile using No 7 x 16mm countersunk hi-lo self drill screws BF096.

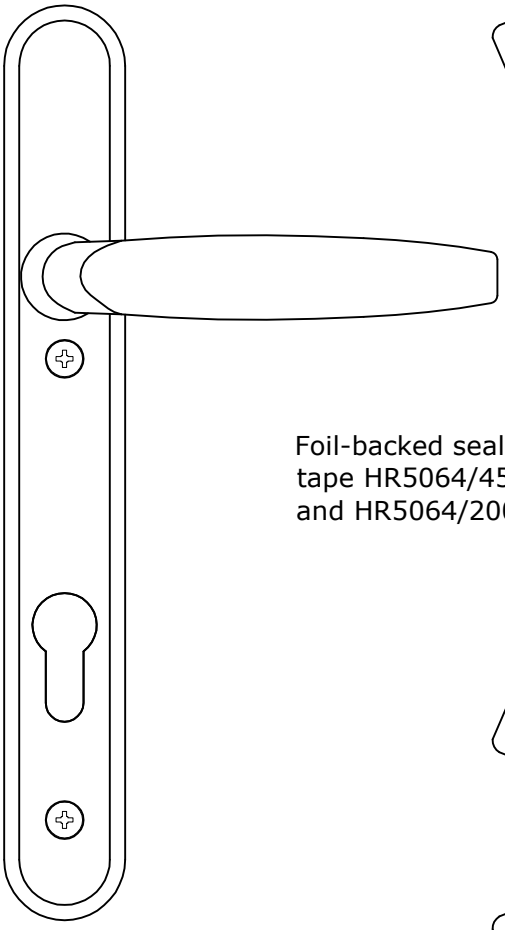


Scale 1:2

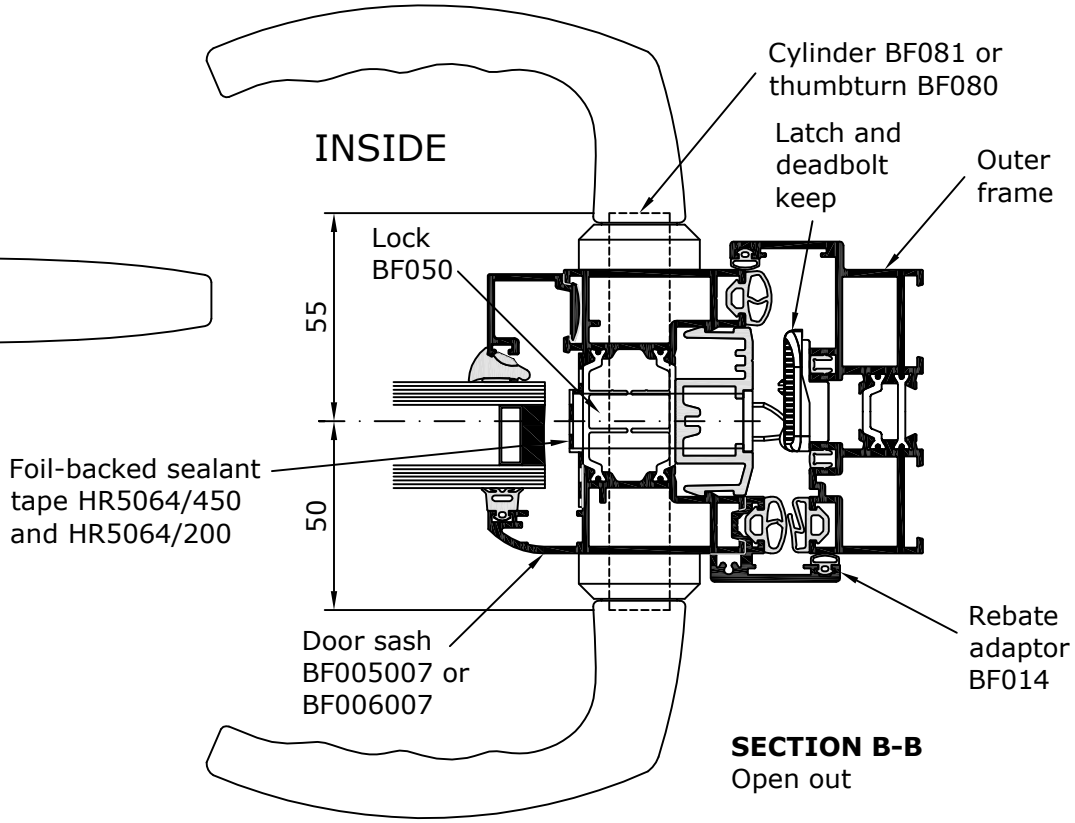
BF052 Handle and Lock Details at Section B-B

System 26 Hi/Hi+
BI-FOLDING DOOR

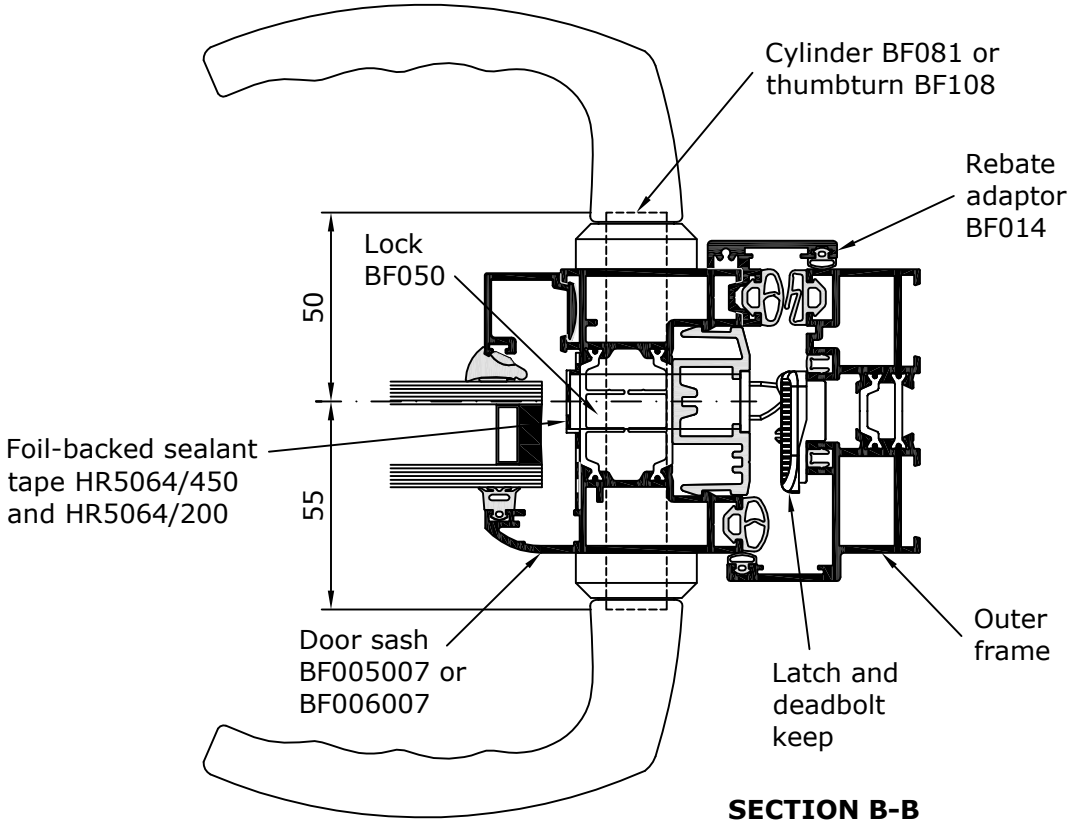
All fixings must be sealed using HR50328A sealant.



Lever handle set - BF052



SECTION B-B
Open out



SECTION B-B
Open in

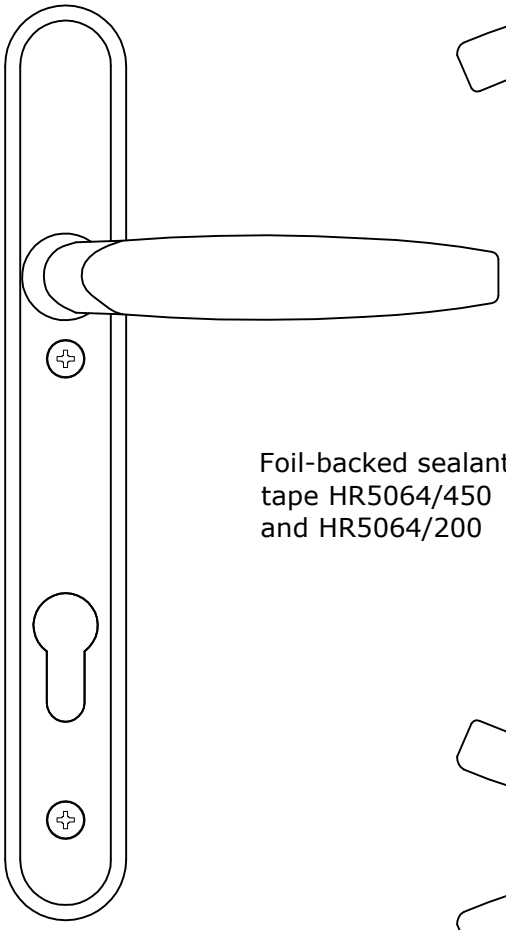
OUTSIDE

Scale 1:2

BF052 Handle and Lock Details at Section D2-D2

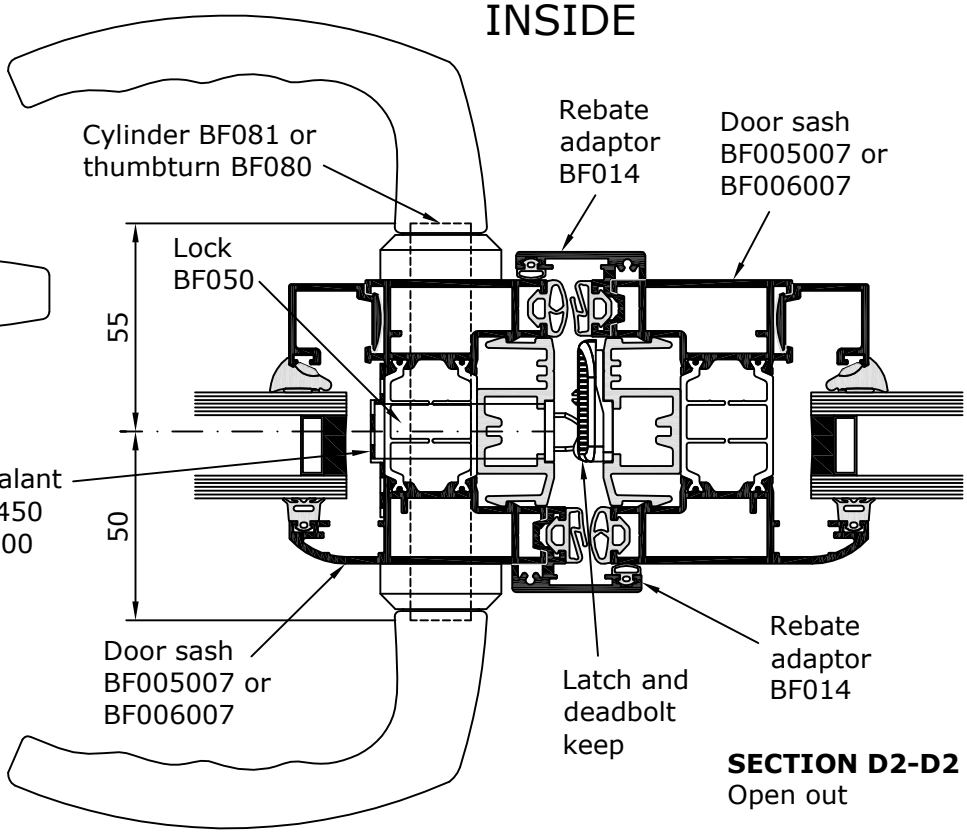
System 26 Hi/Hi+
BI-FOLDING DOOR

All fixings must be sealed using HR50328A sealant.

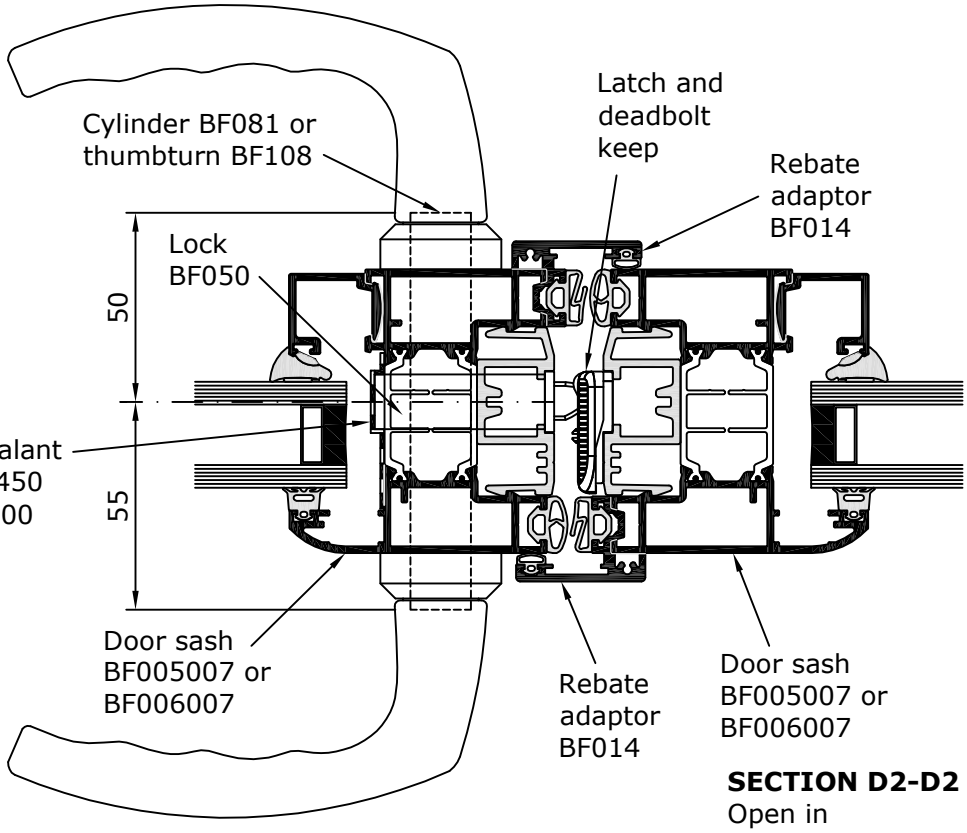


Lever handle set - BF052

INSIDE



SECTION D2-D2
Open out



SECTION D2-D2
Open in

OUTSIDE

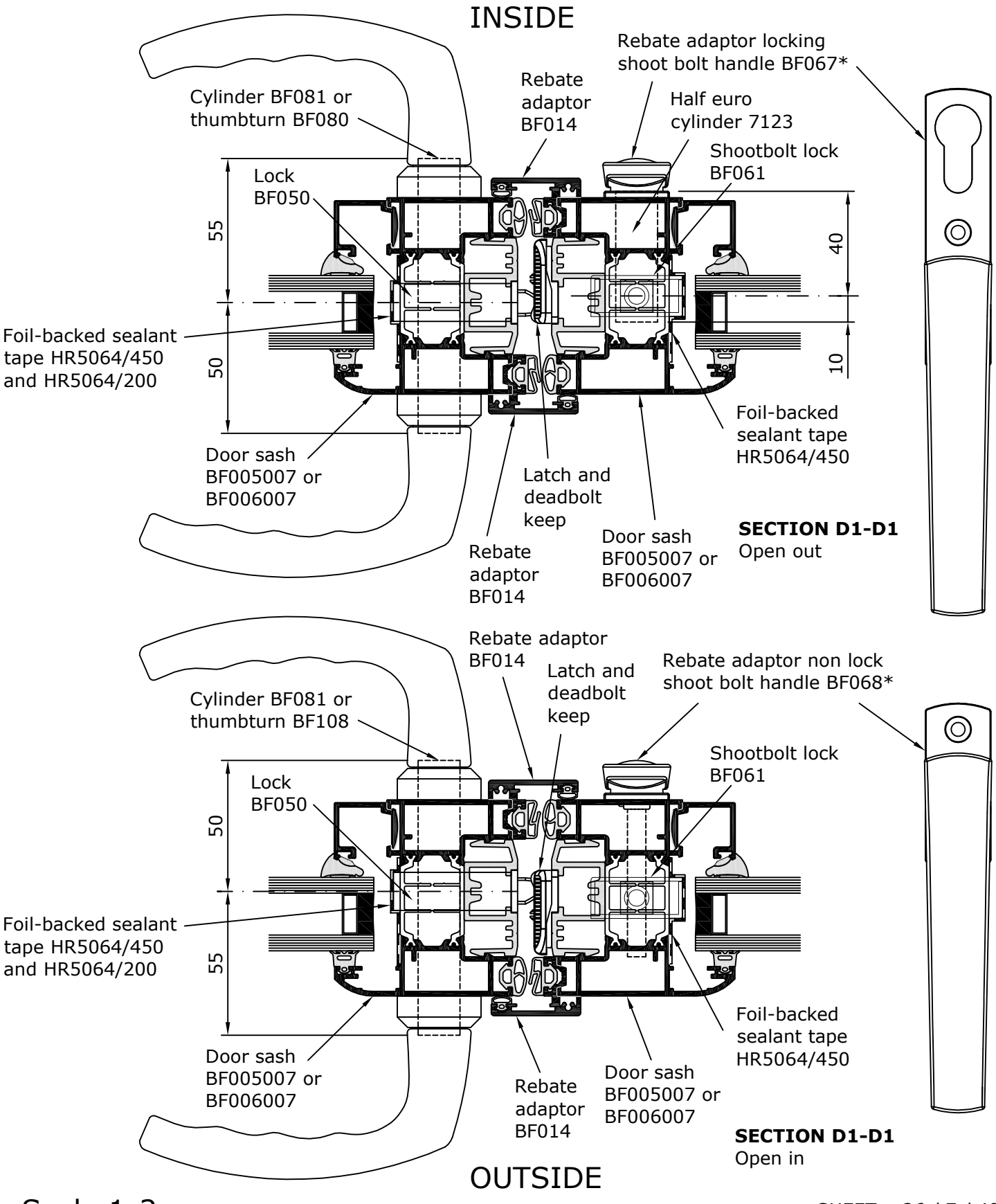
Scale 1:2

BF052 Handle and Lock Details at Section D1-D1

System 26 Hi/Hi+
BI-FOLDING DOOR

All fixings must be sealed using HR50328A sealant.

*Fabricator may select rebate adaptor locking shoot bolt handle BF067 with half euro cylinder 7123, or non lock shoot bolt handle BF068 for open in and open out applications.



Scale 1:2

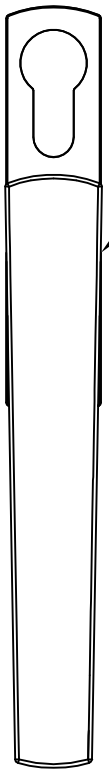
BF057 and BF058 Handle and Lock Details at Section E1-E1

System 26 Hi/Hi+
BI-FOLDING DOOR

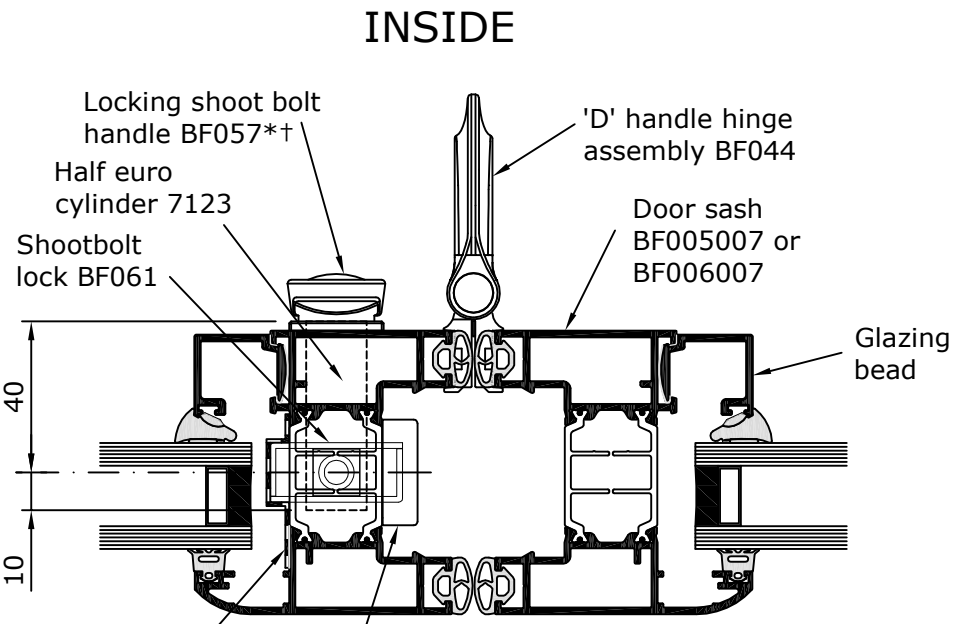
All fixings must be sealed using HR50328A sealant.

*Fabricator may select locking shoot bolt handle BF057 with half euro cylinder 7123, or non lock shoot bolt handle BF058 for open in and open out applications.

†When using 7123 half euro cylinder with BF057 locking shoot bolt handle, fabricators should ensure that the end user is instructed not to leave the key in the cylinder when folding/stacking doors, as the key will clash with the adjacent profile causing damage to the key and/or profile. Metal Technology provide self-adhesive label BF102 that should be applied in a prominent position to the glass adjacent to the BF057 locking shoot bolt handle to advise end users accordingly.

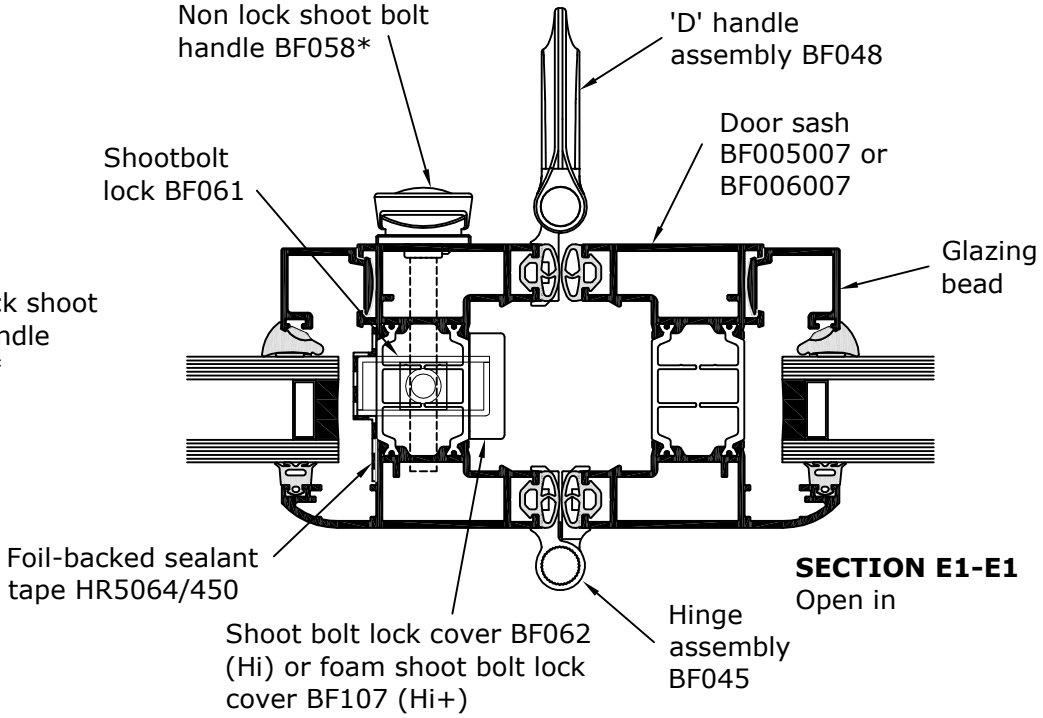


Locking shoot bolt handle BF057*†



SECTION E1-E1
Open out

Non lock shoot bolt handle BF058*



SECTION E1-E1
Open in

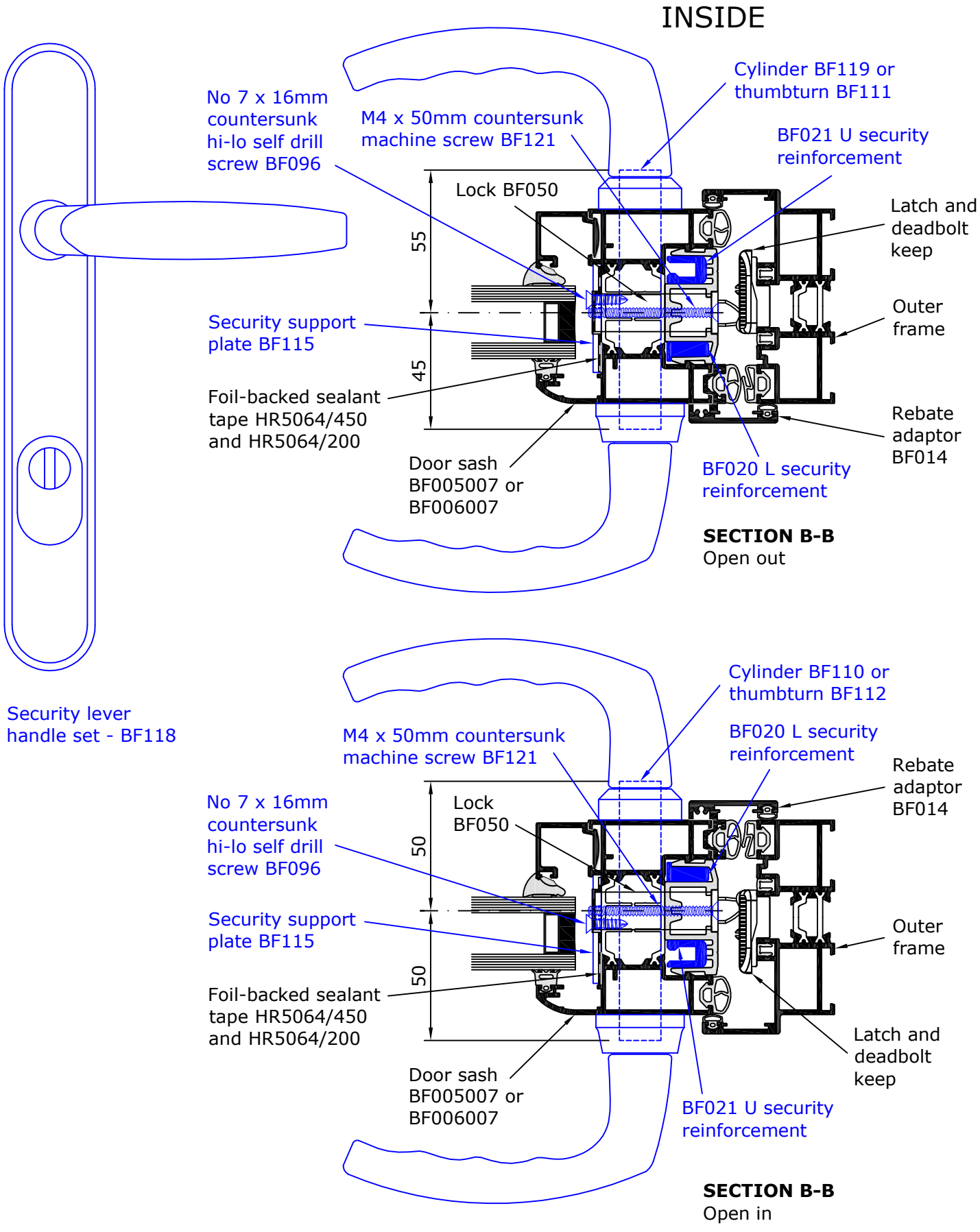
OUTSIDE

Scale 1:2

BF118 Security Handle and Lock Details at Section B-B

System 26 Hi/Hi+
BI-FOLDING DOOR

All fixings must be sealed using HR50328A sealant.

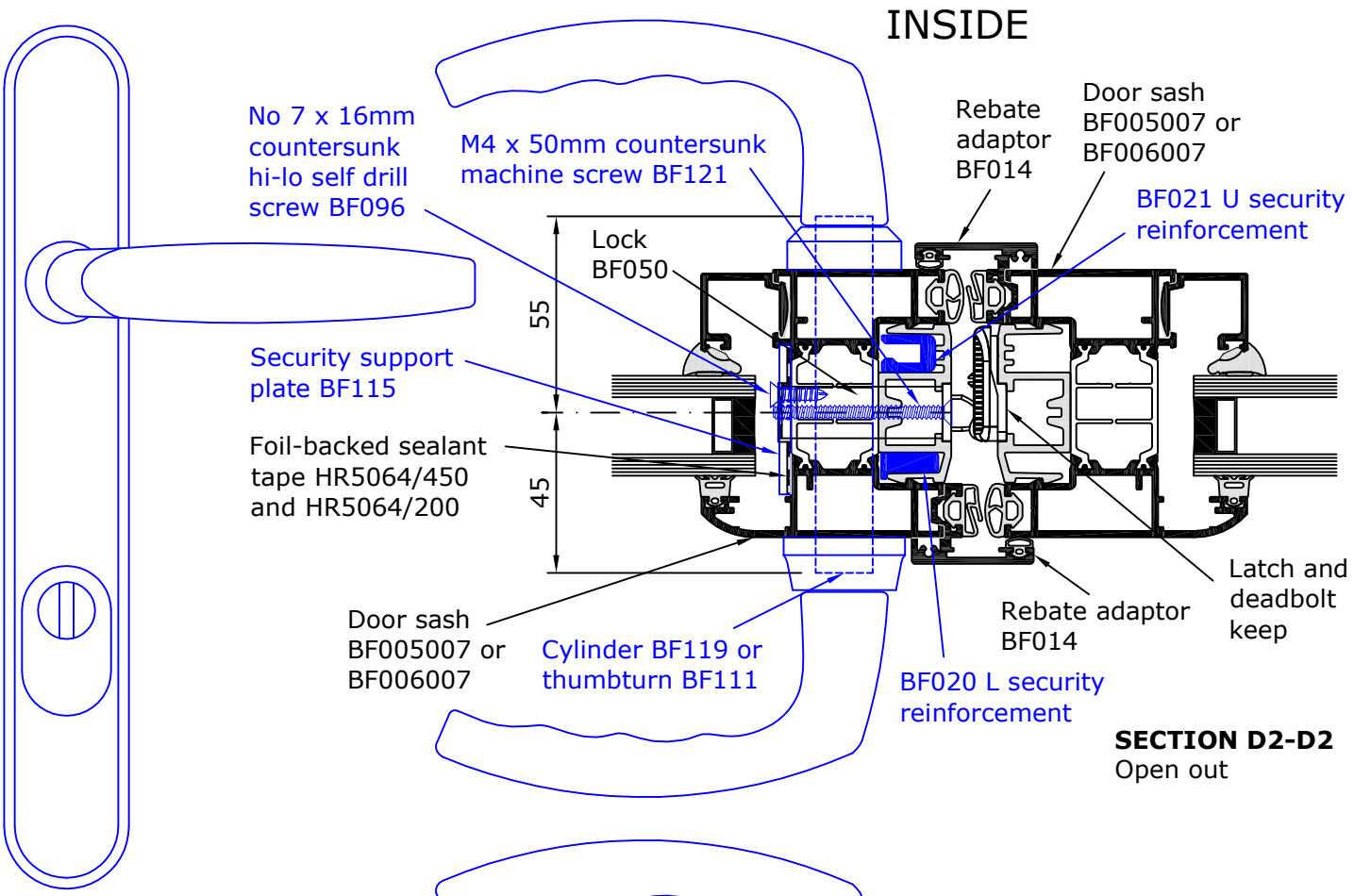


Scale 1:2

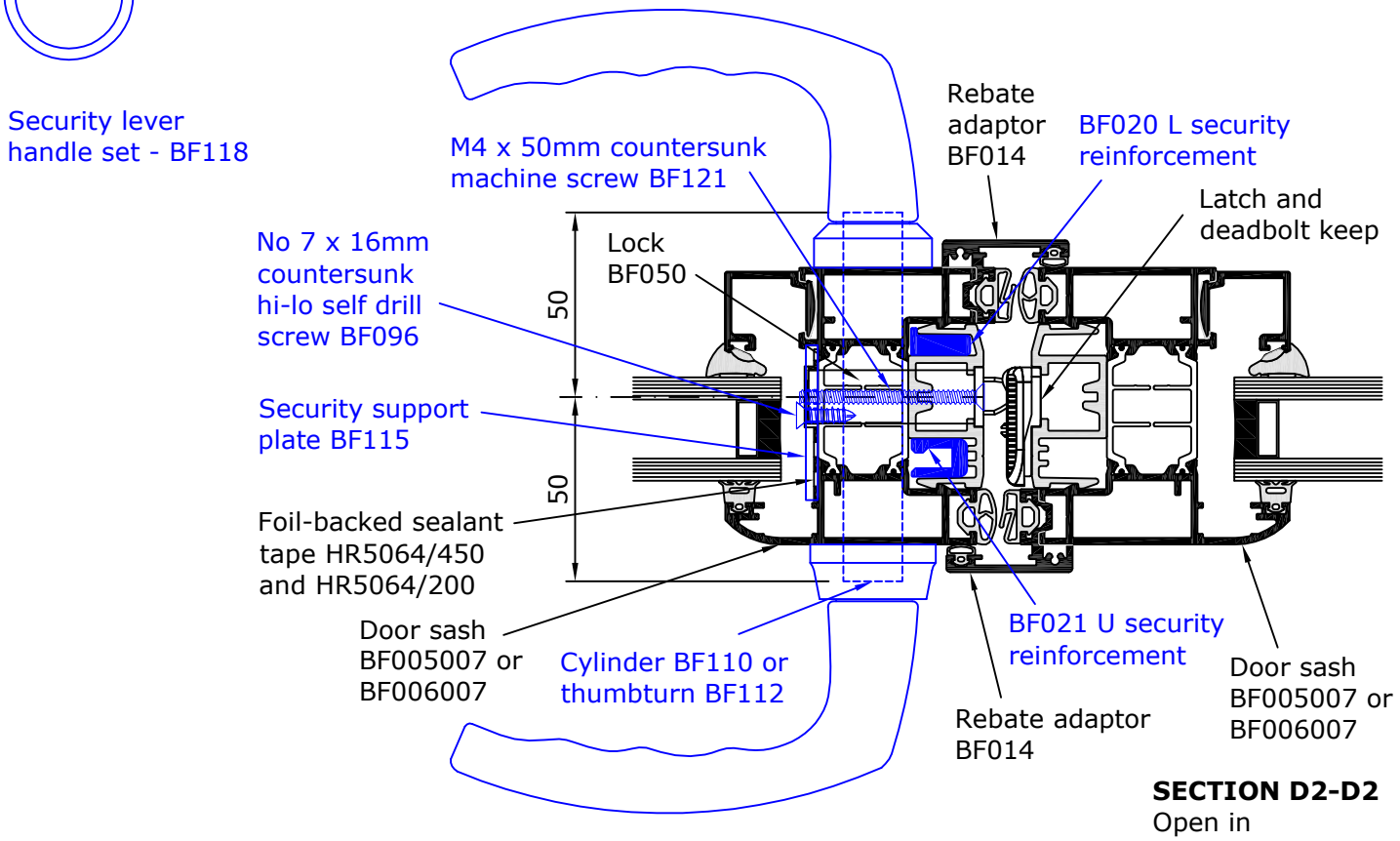
BF118 Security Handle and Lock Details at Section D2-D2

System 26 Hi/Hi+
BI-FOLDING DOOR

All fixings must be sealed using HR50328A sealant.



Security lever handle set - BF118



OUTSIDE

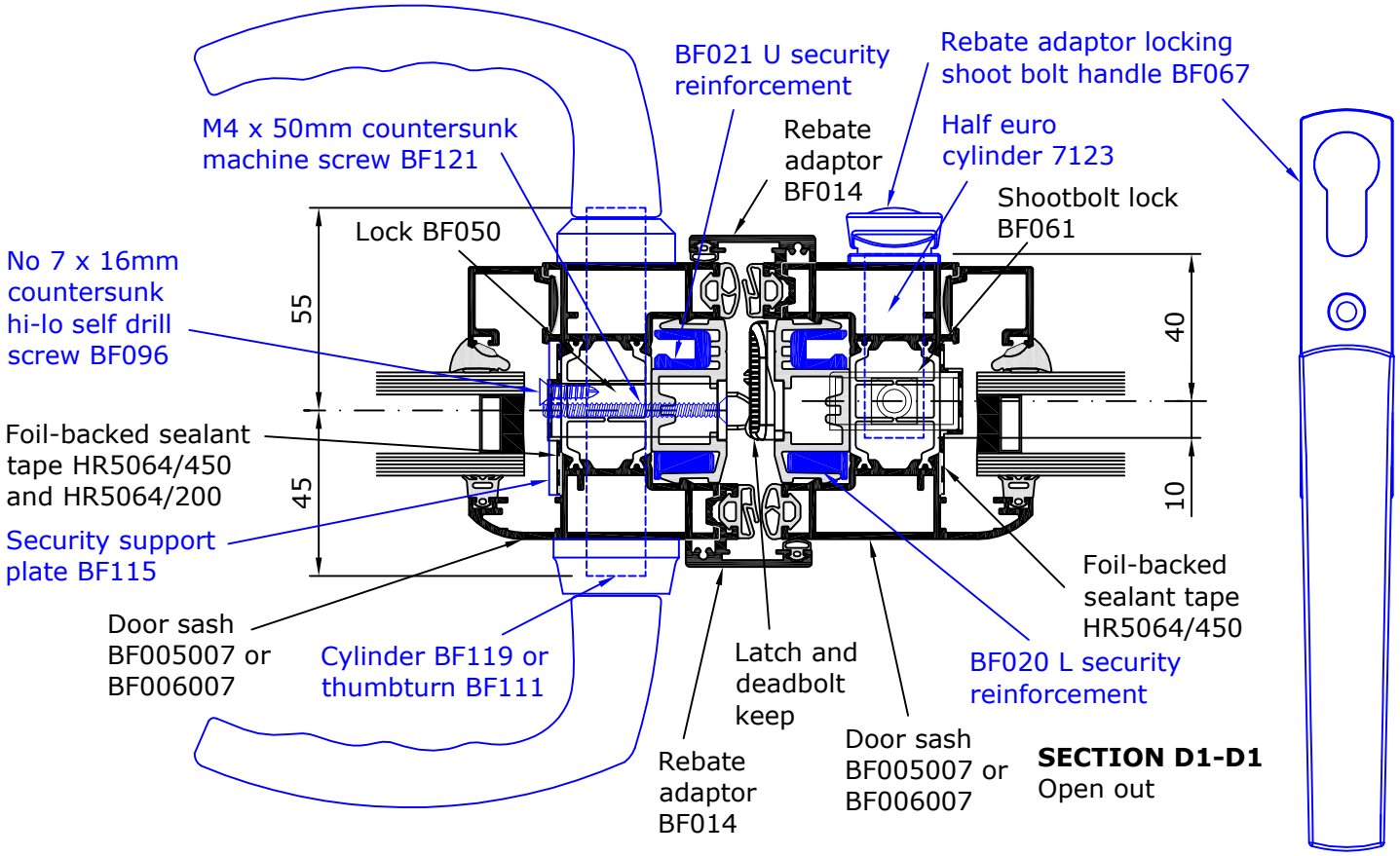
Scale 1:2

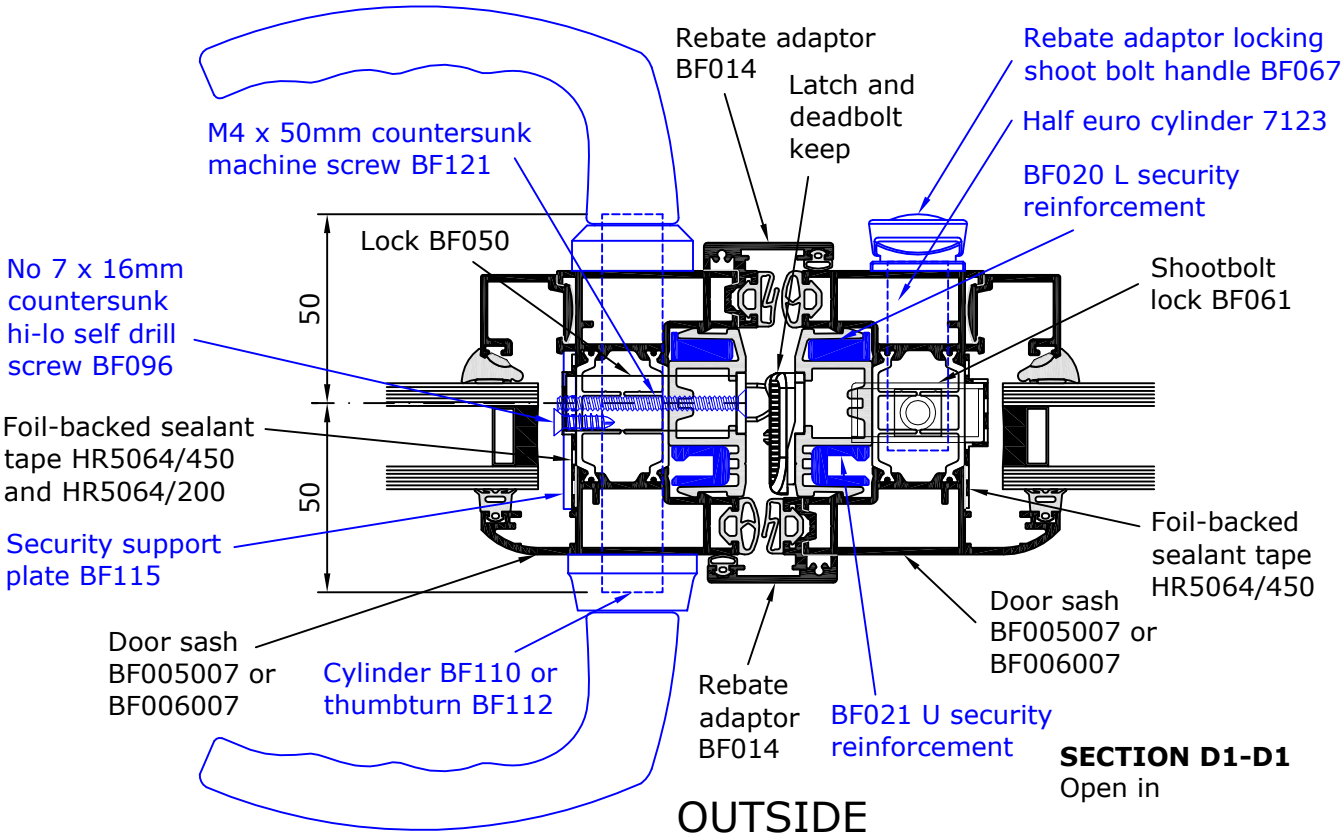
BF118 Security Handle and Lock Details at Section D1-D1

System 26 Hi/Hi+
BI-FOLDING DOOR

All fixings must be sealed using HR50328A sealant.

INSIDE





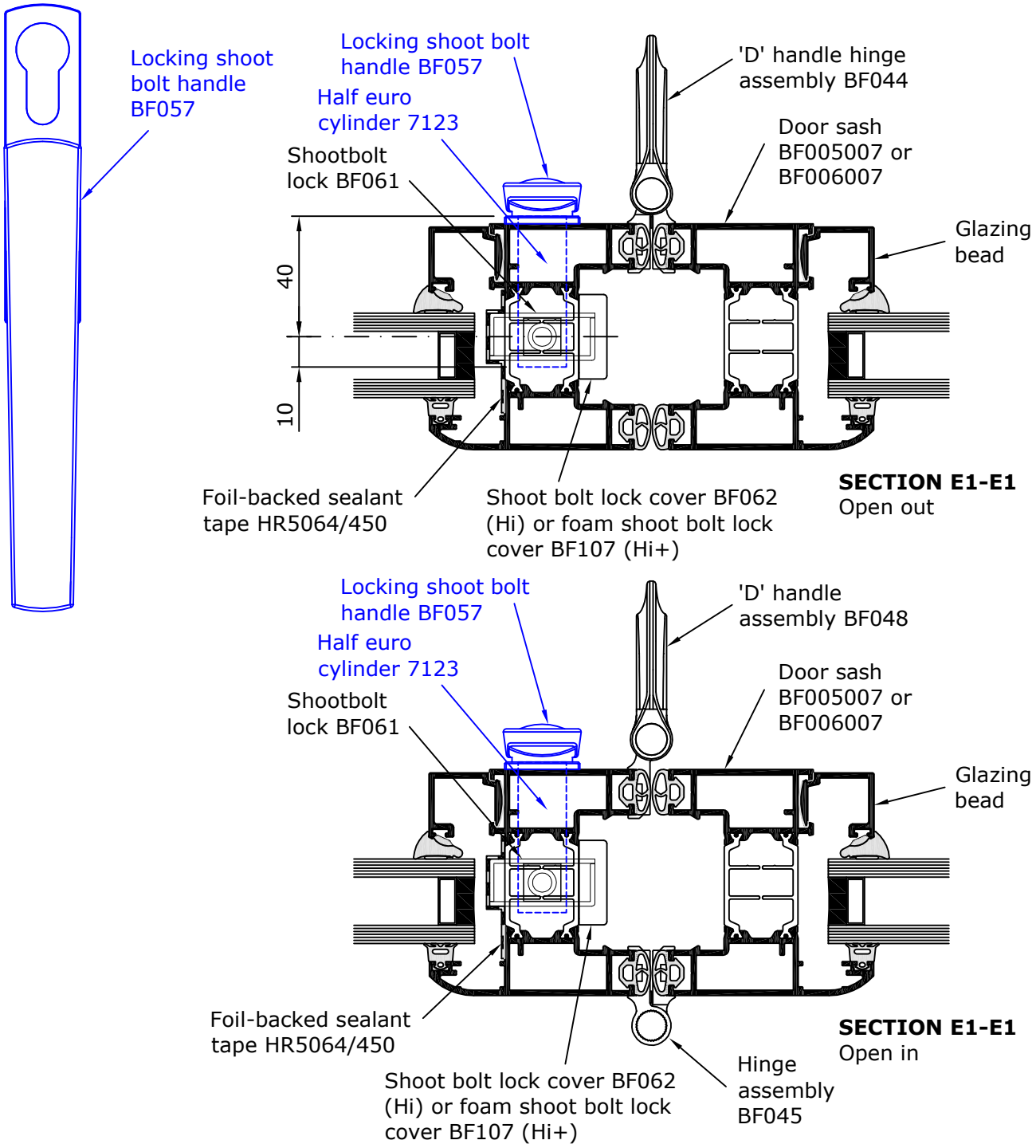
OUTSIDE

Scale 1:2

BF057 Security Handle and Lock Details at Section E1-E1

All fixings must be sealed using HR50328A sealant.

When using 7123 half euro cylinder with BF057 locking shoot bolt handle, fabricators should ensure that the end user is instructed not to leave the key in the cylinder when folding/stacking doors, as the key will clash with the adjacent profile causing damage to the key and/or profile. Metal Technology provide self-adhesive label BF102 that should be applied in a prominent position to the glass adjacent to the BF057 locking shoot bolt handle to advise end users accordingly.

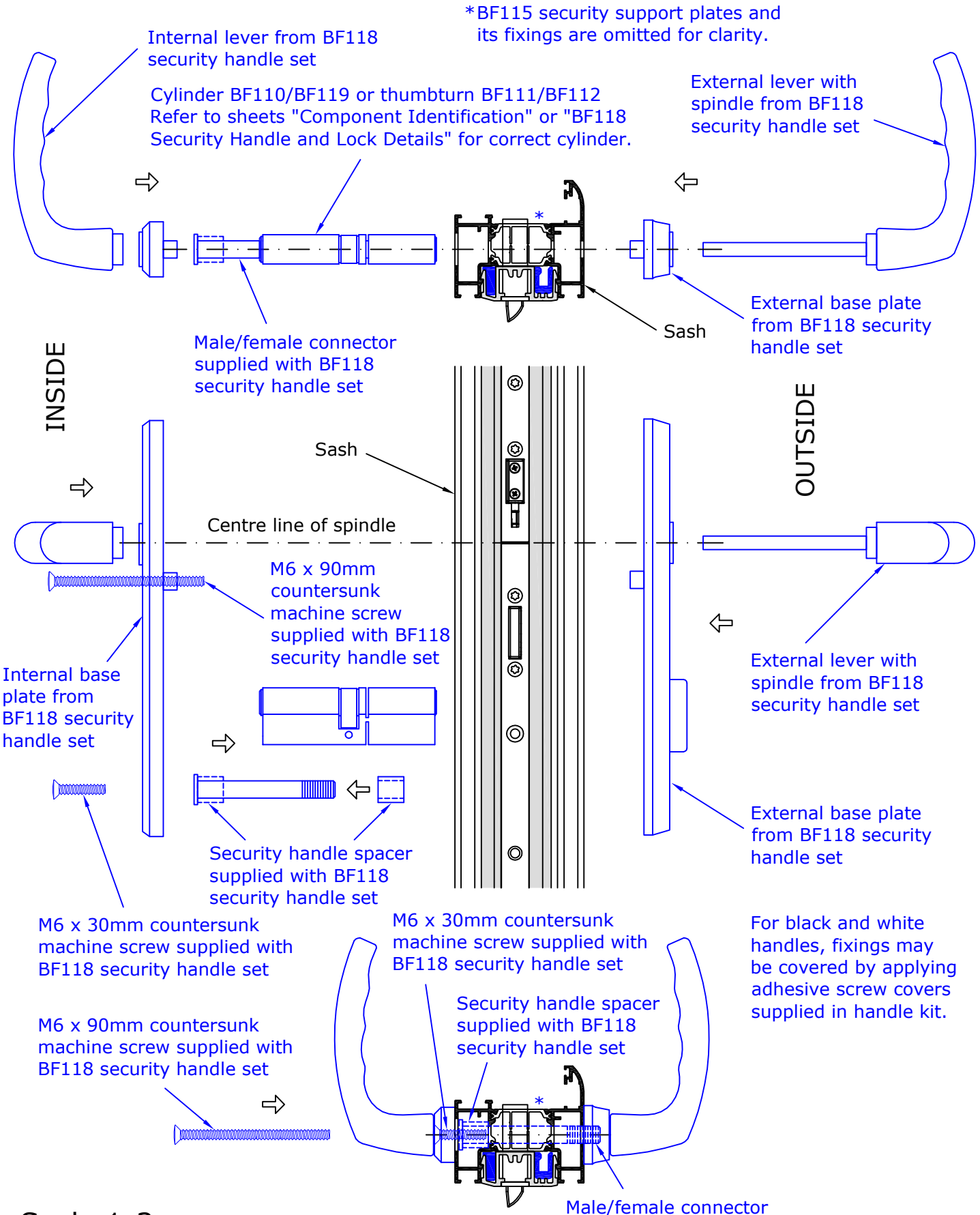


Scale 1:2

BF118 Security Handle Assembly Detail

System 26 Hi/Hi+
BI-FOLDING DOOR

Refer to relevant open in or open out door "Prep for Multi-Point Dead Lock BF050 and Handles BF118" sheet for prepping. Note open in door is shown below, BF050 lock and BF030 pvc liner will be mirrored in open out applications.



Scale 1:3

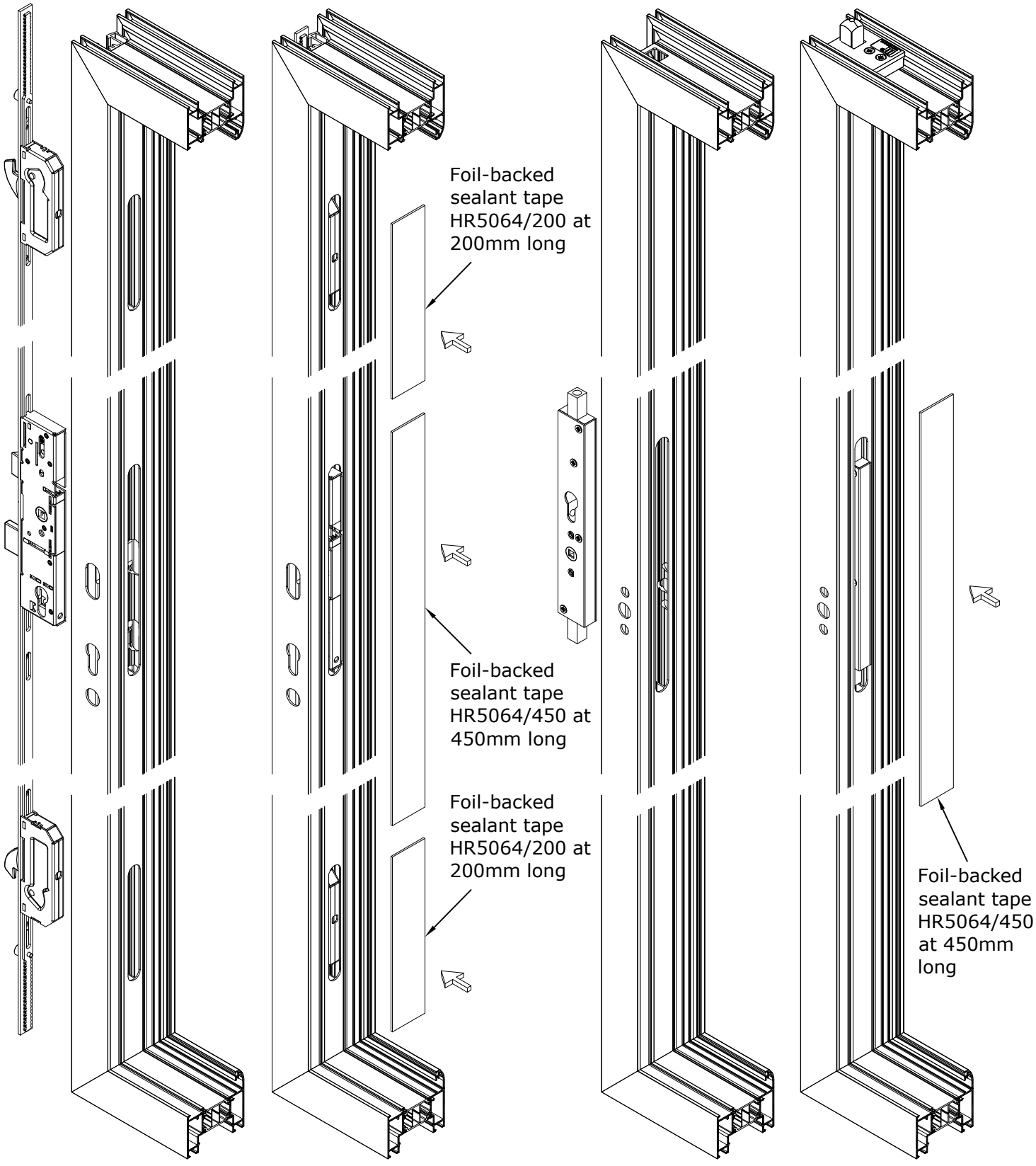
Application of HR5064 Foil-backed Sealant Tape

System 26 Hi/Hi+
BI-FOLDING DOOR

After BF050 door lock or BF061 shootbolt lock have been installed, apply foil-backed sealant tape over lock on glass side of profile as shown.

BF050 DOOR LOCK APPLICATION

BF061 SHOOTBOLT LOCK APPLICATION

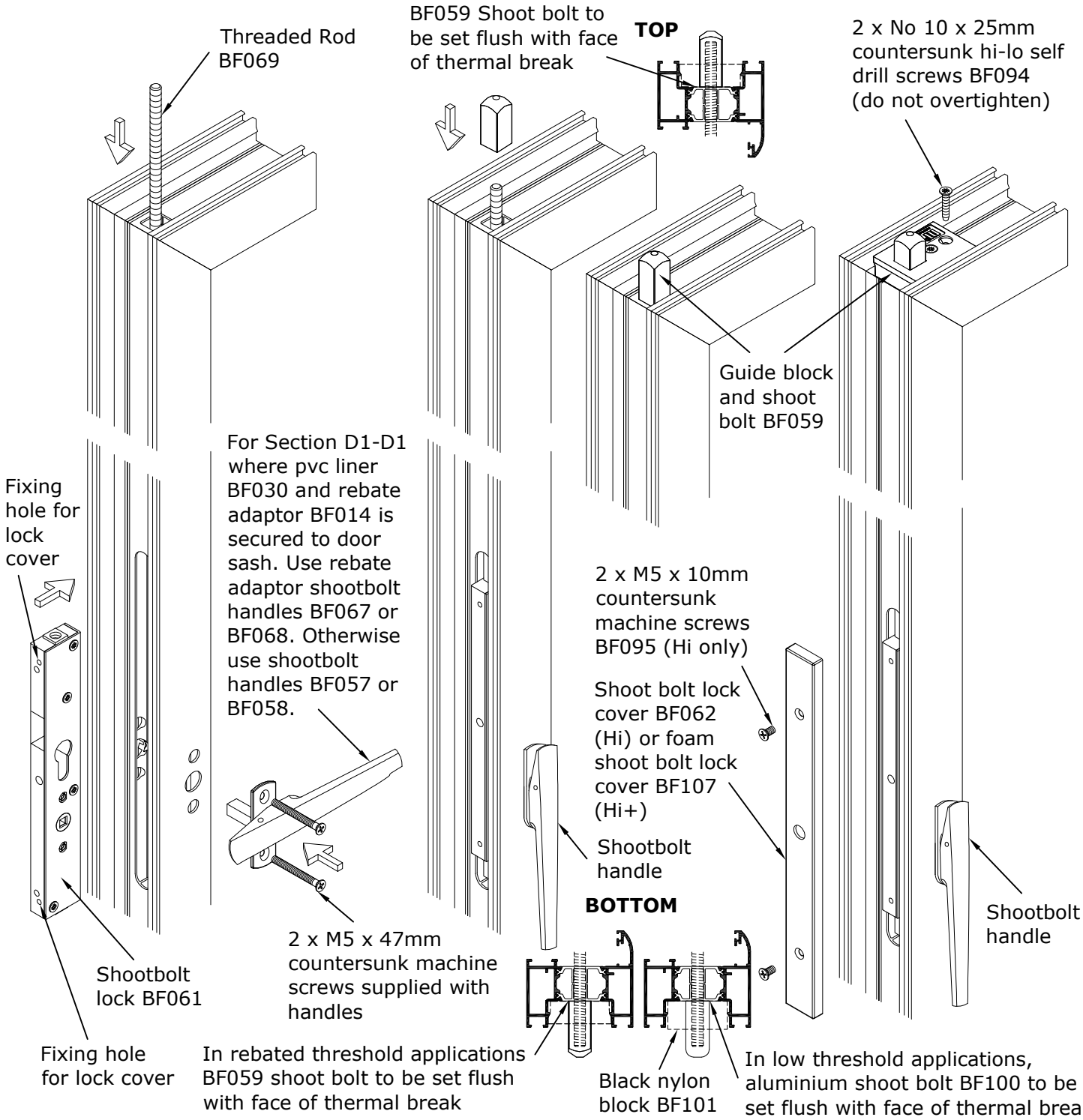


Not to Scale

Shootbolt Lock Assembly

System 26 Hi/Hi+
BI-FOLDING DOOR

1. Insert shootbolt lock BF061 into prepped slot with rod connections retracted as shown.
2. Fit the shootbolt handle using M5 x 47mm countersunk machine screws supplied with handle and turn handle downwards to close (extend rod connections) the shootbolt lock.
3. Slide threaded rods into sash from top and bottom and screw threaded bars into shootbolt lock.
4. Screw shoot bolt onto threaded bar at top and bottom, flush with face of thermal break as shown.
5. Attach guide block to sash at top and bottom using No 10 x 25mm countersunk hi-lo self drill screws BF094 (do not overtighten).
6. Check if shootbolt works properly and where required fix shoot bolt lock cover BF062 using M5 x 10mm countersunk machine screws BF095.
7. Refer to "Application of HR5064 Foil-backed Sealant Tape" sheet for sealing lock on glass side of profile.



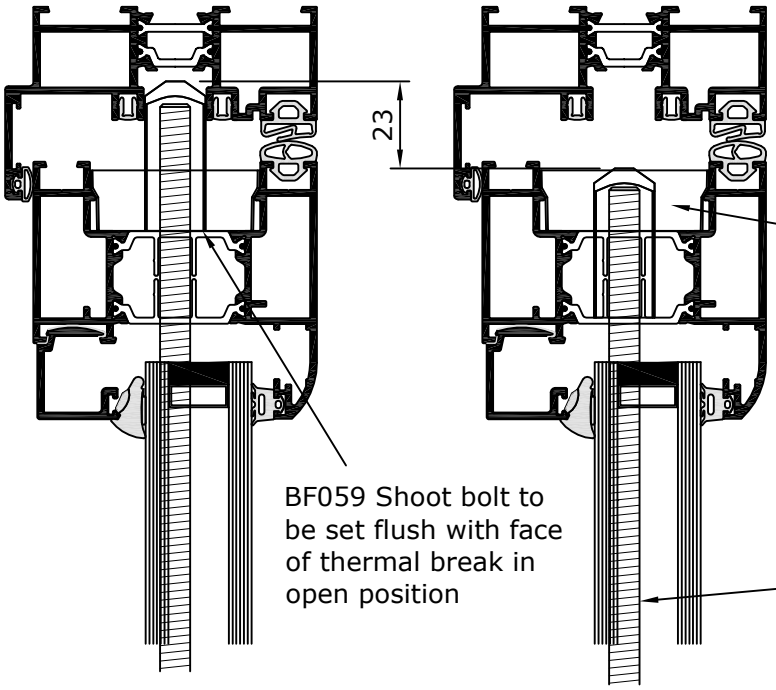
For Section D1-D1 BF030 pvc liner to be secured to door sash prior to routing lock preps. Refer to applicable "Preps for BF061 Shoot Bolt Lock and Handles" sheet to ensure correct orientation of BF030 pvc liner.

Not to Scale

Shoot Bolt Application

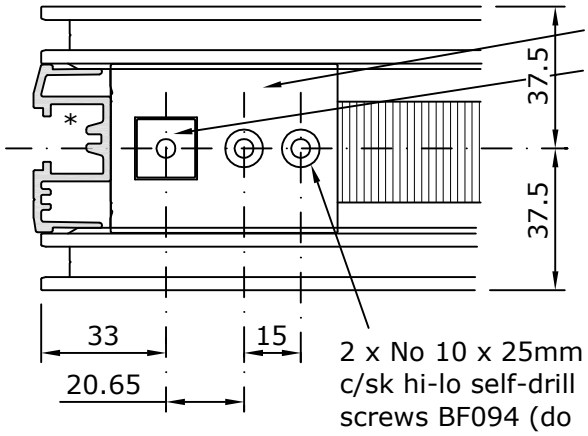
System 26 Hi/Hi+

BI-FOLDING DOOR

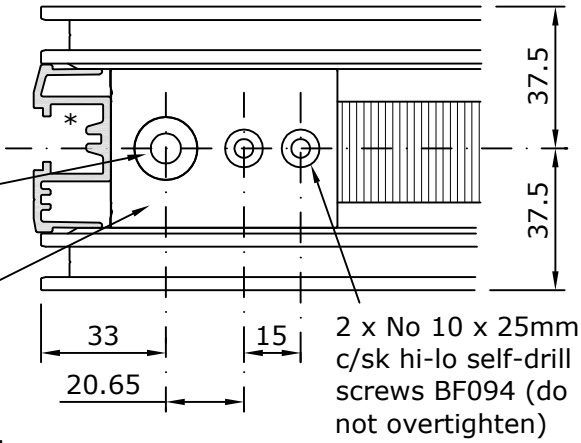


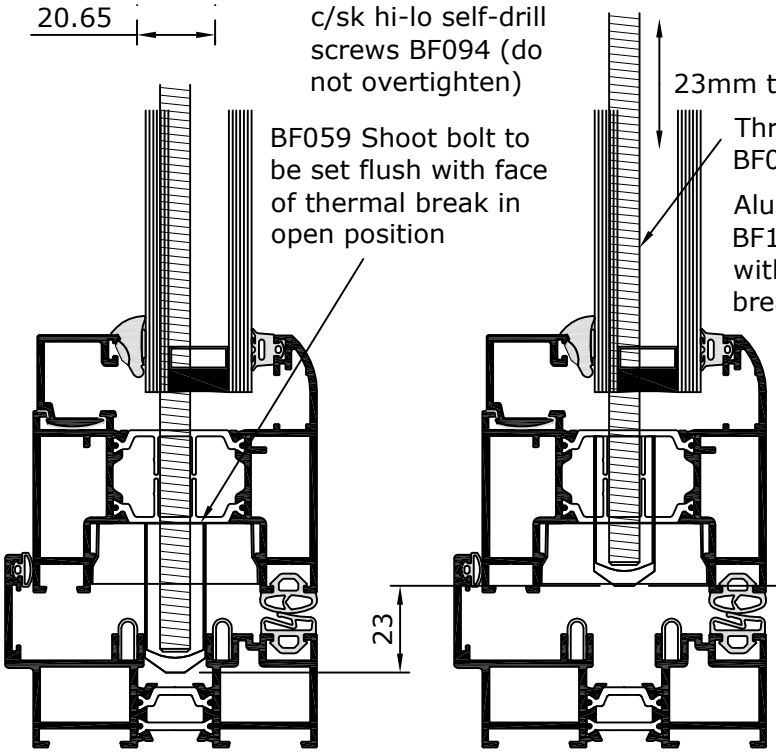
*For Section D1-D1 BF030 pvc liner to be secured to door sash prior to routing lock preps. Refer to applicable "Preps for BF061 Shoot Bolt Lock and Handles" sheet to ensure correct orientation of BF030 pvc liner.

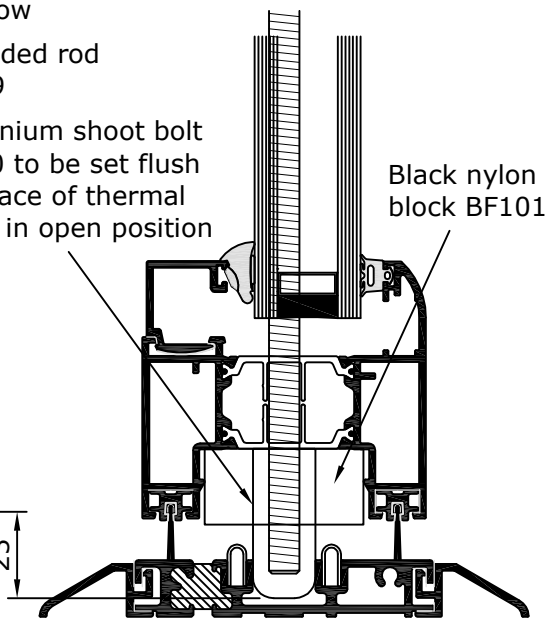
VIEW ON UNDER SIDE FOR REBATED THRESHOLD AND TOP SIDE



VIEW ON UNDER SIDE FOR LOW THRESHOLDS







REBATED THRESHOLD

REBATED THRESHOLD
(with bolt retracted)

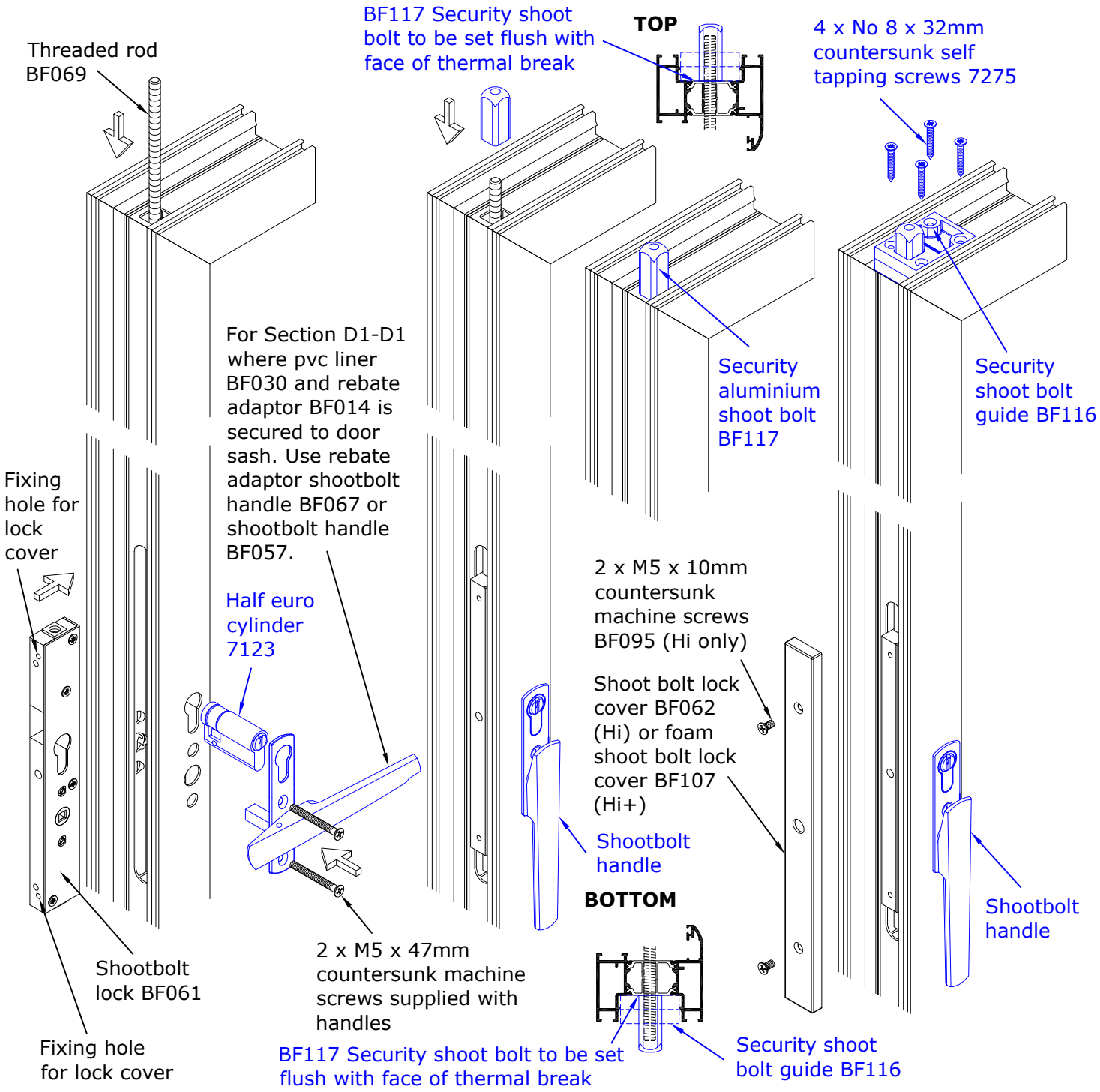
LOW THRESHOLD

Scale 1:2

Security Shootbolt Lock Assembly

System 26 Hi/Hi+
BI-FOLDING DOOR

1. Insert shootbolt lock BF061 into prepped slot with rod connections retracted as shown.
2. Fit the shootbolt handle using M5 x 47mm countersunk machine screws supplied with handle and turn handle downwards to close (extend rod connections) the shootbolt lock.
3. Insert cylinder into gearbox through aperture in handle. Secure through face of gearbox using M5 x 30mm pan head screw 7243.
4. Slide threaded rods into sash from top and bottom and screw threaded bars into shootbolt lock.
5. Screw shoot bolt onto threaded bar at top and bottom, flush with face of thermal break as shown.
6. Attach guide block to sash at top and bottom using No 8 x 32mm countersunk self tapping screws 7275.
7. Check if shootbolt works properly and where required fix shoot bolt lock cover BF062 using M5 x 10mm countersunk machine screws BF095.
8. Refer to "Application of HR5064 Foil-backed Sealant Tape" sheet for sealing lock on glass side of profile.



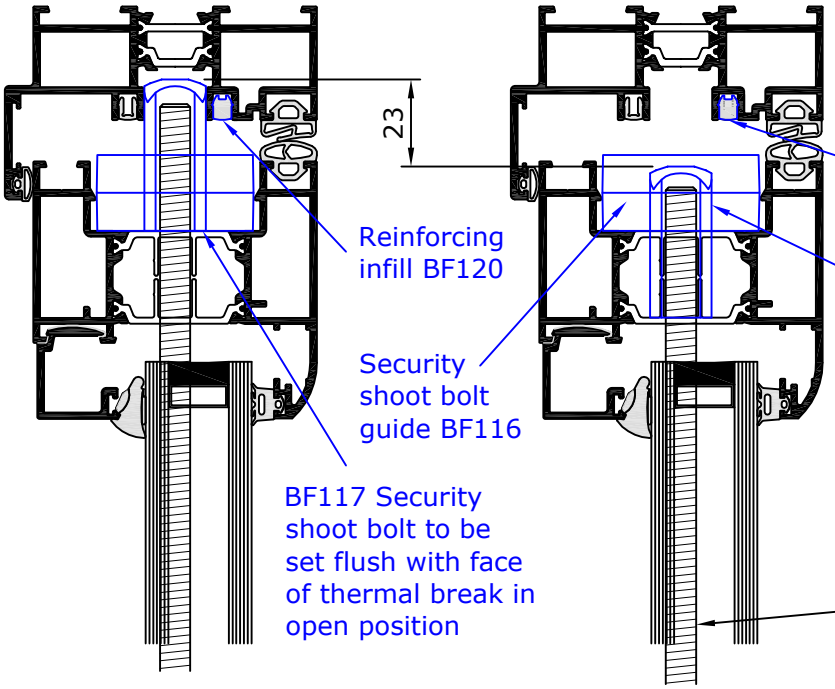
For Section D1-D1 BF030 pvc liner to be secured to door sash prior to routing lock preps. Refer to applicable "Preps for BF061 Shoot Bolt Lock and Handles" sheet to ensure correct orientation of BF030 pvc liner.

Not to Scale

Security Shoot Bolt Application

System 26 Hi/Hi+

BI-FOLDING DOOR



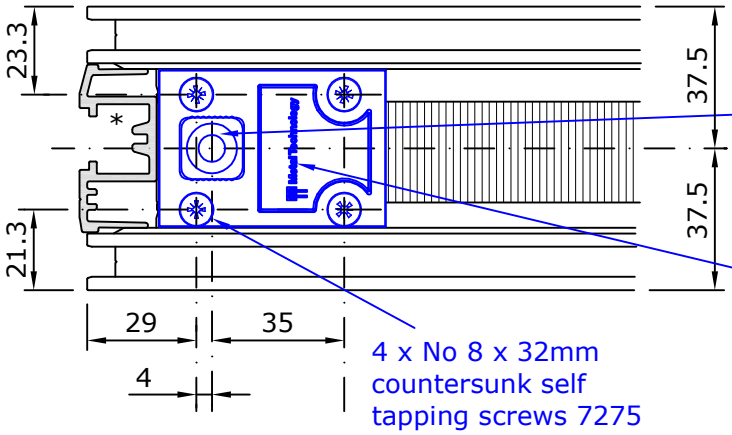
Reinforcing infill BF120 always fitted to non-rebated side of the outer frame. In open out applications it is fitted externally and in open in applications it is fitted internally.

Security shoot bolt BF117

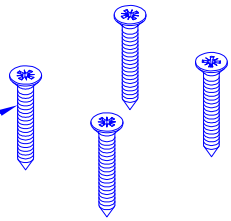
*For Section D1-D1 BF030 pvc liner to be secured to door sash prior to routing lock preps. Refer to applicable "Preps for BF061 Shoot Bolt Lock and Handles" sheet to ensure correct orientation of BF030 pvc liner.

Threaded rod BF069

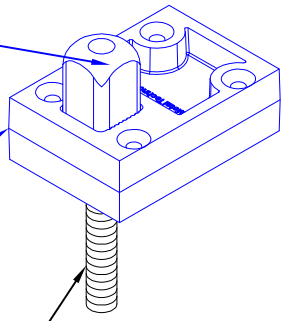
VIEW ON UNDER SIDE FOR REBATED THRESHOLD AND TOP SIDE



4 x No 8 x 32mm countersunk self tapping screws 7275



Security shoot bolt BF117



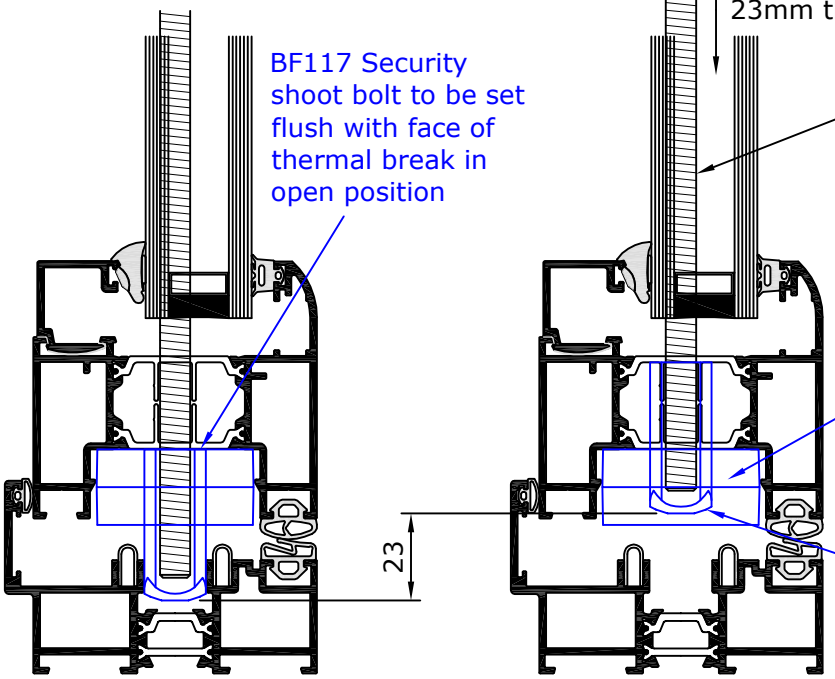
Security shoot bolt guide BF116

4 x No 8 x 32mm countersunk self tapping screws 7275

23mm throw

Threaded rod BF069

BF117 Security shoot bolt to be set flush with face of thermal break in open position



Security shoot bolt guide BF116

Security shoot bolt BF117

REBATED THRESHOLD

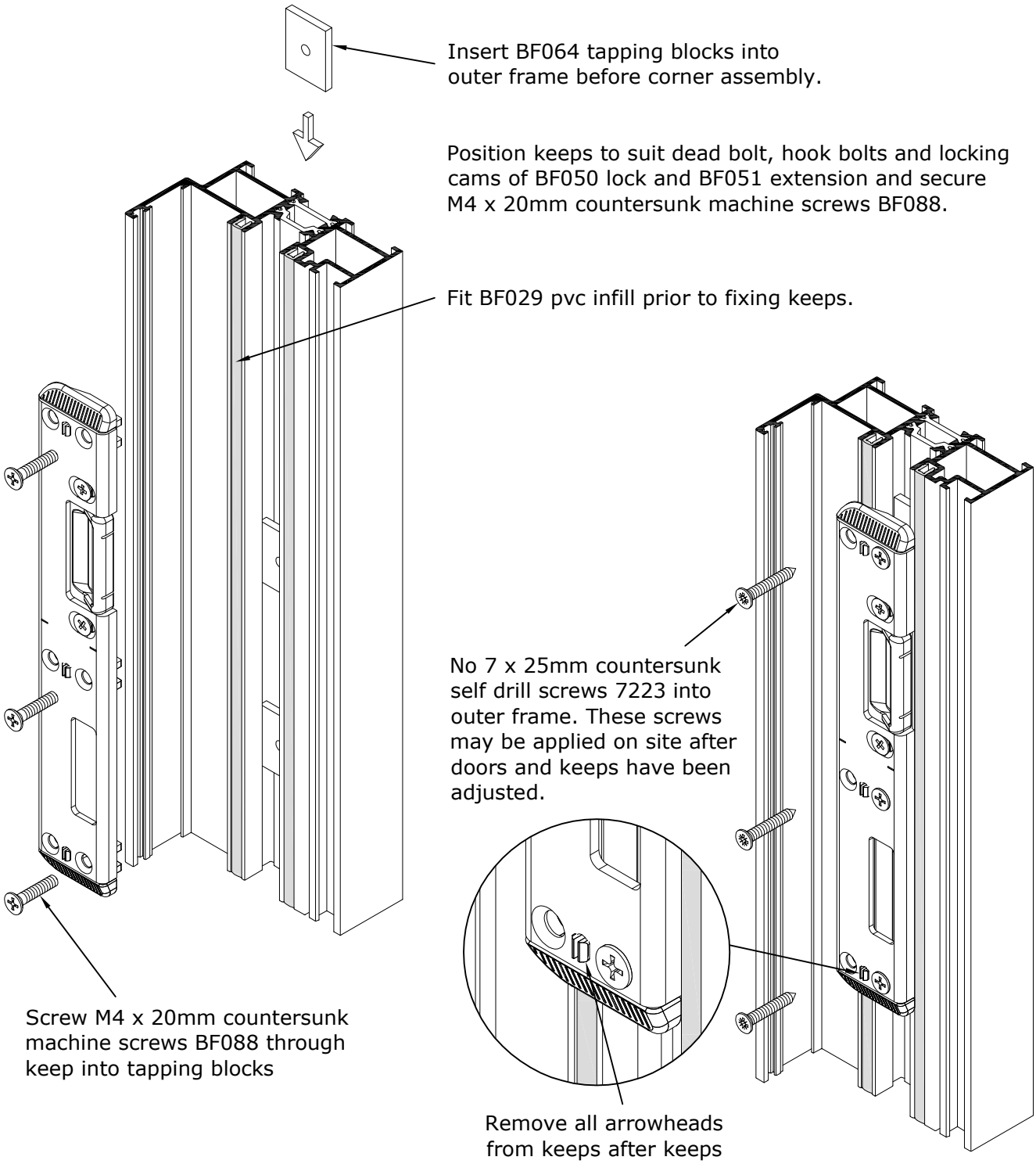
REBATED THRESHOLD
(with bolt retracted)

Scale 1:2

Keep Assembly Details at Jamb

Refer to sheets "BF050 Lock and Keep Details" and "BF051 Lock Extension Details" in Section 3 of this manual for keep positions. Also see kitting lists for required quantity of tapping blocks BF064.

Keep below is fitted to open out left hand hinge door. Identify correct door configuration before assembly. Refer to "Component Identification" sheet in Section 0 of this manual.



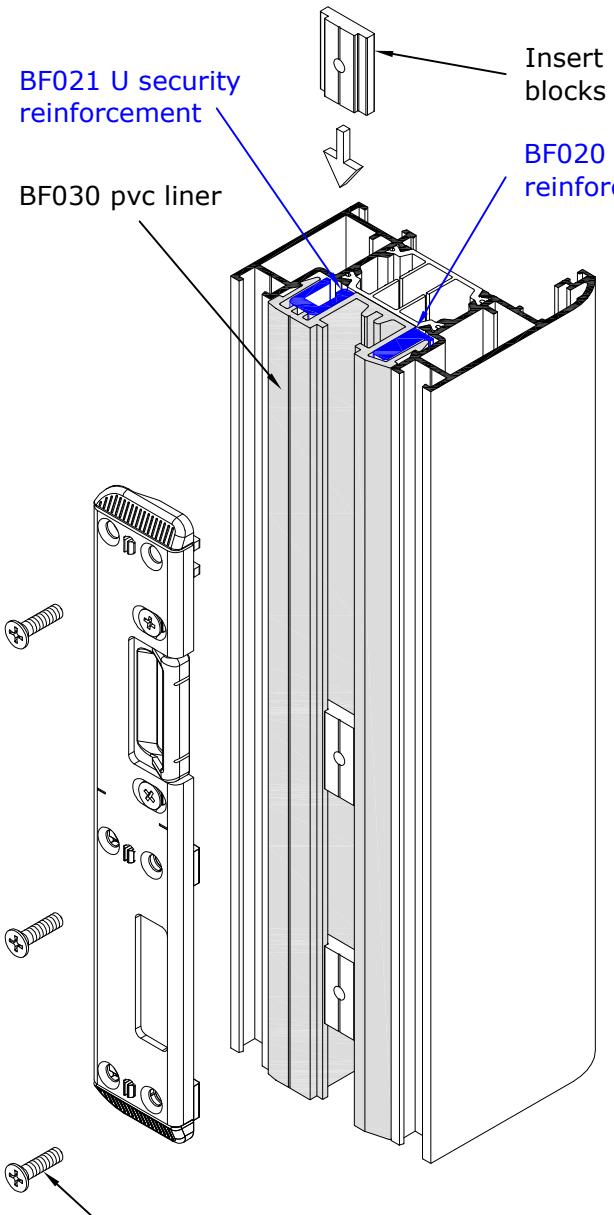
Not to Scale

Keep Assembly Details at Stile

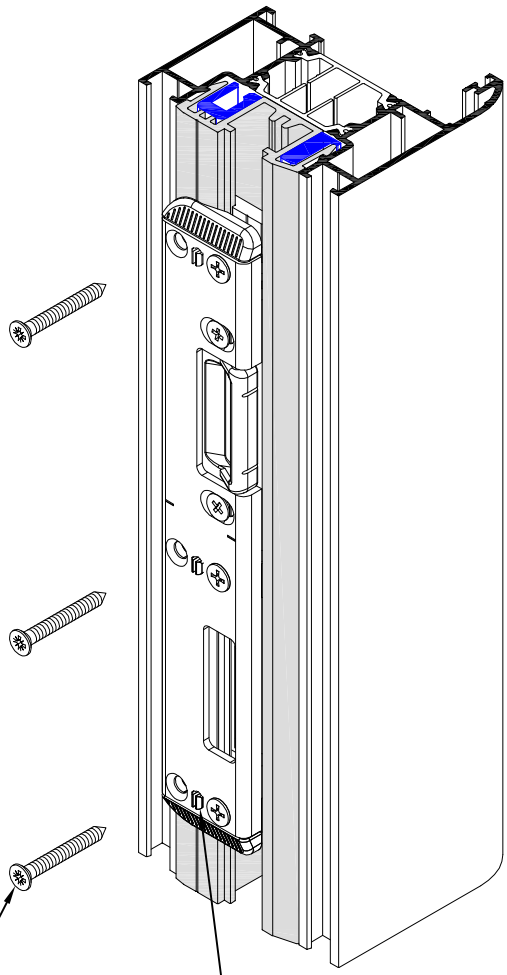
Refer to sheets "BF050 Lock and Keep Details" and "BF051 Lock Extension Details" in Section 3 of this manual for keep positions. Also see kitting lists for required quantity of tapping blocks BF063.

Keep below is fitted to open out left hand hinge door. Identify correct door configuration before assembly. Refer to "Component Identification" sheet in Section 0 of this manual.

Items printed in blue are required in security applications only.

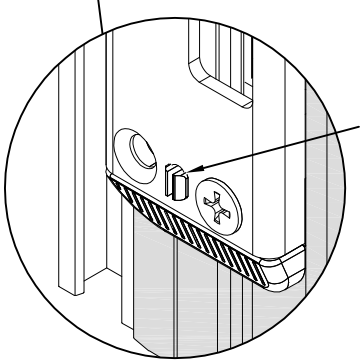


Position keeps to suit dead bolt, hook bolts and locking cams of BF050 lock and BF051 extension and secure M4 x 16mm countersunk machine screws 7233.



Screw M4 x 16mm countersunk machine screws 7233 through keep into tapping blocks

Secure keep with No 7 x 32mm countersunk hi-lo screws BF093. These holes/screws may be applied on site after doors and keeps have been adjusted. Drill Ø3mm pilot holes through BF030 pvc liner and BF021 U security reinforcement into sash profile.



Remove all arrowheads from keeps after keeps have been fitted.

Not to Scale

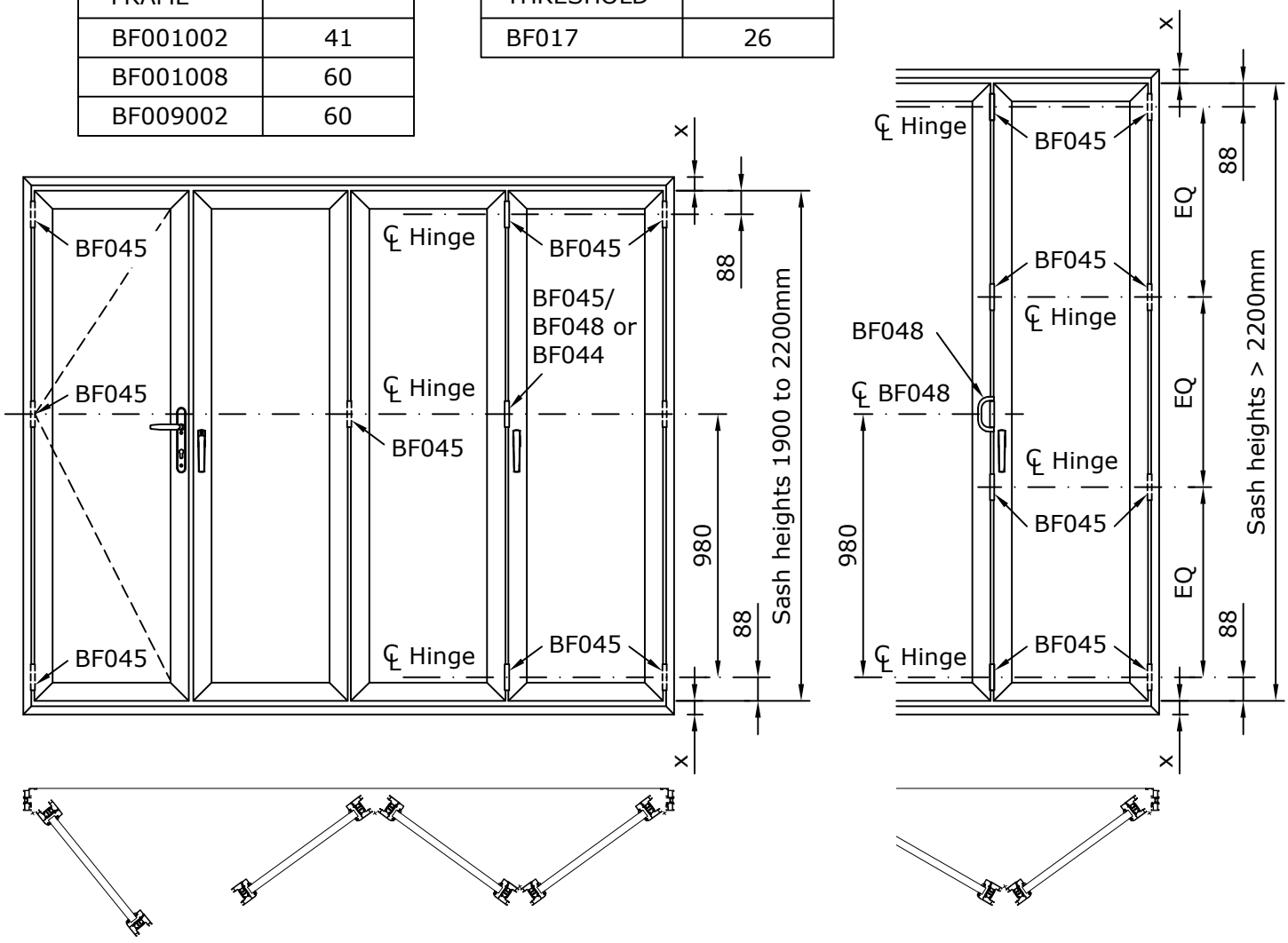
Hinge Application

System 26 Hi/Hi+
BI-FOLDING DOOR

1. Mark hinge centre line position on profiles as indicated.
2. If not previously fitted, insert hinge tapping blocks into sash profile using detail on "Sash Prep for Hinge Tapping Block" sheet. With the exception of the bottom hinge, ensure all tapping blocks are inserted into the profile so that the unthreaded hole is orientated towards the threshold. Tapping block for bottom hinge should be inserted so that untapped hole is orientated away from threshold.
3. Hinge tapping blocks for top and bottom hinge assemblies BF040, BF041 and BF045 to be positioned 39mm from corner of sash profile, using JIG26002 as indicated on "Hinge Tapping Block Application" sheet.
4. For intermediate BF044, BF045 and BF048 hinges align centre of tapping block with hinge centre line position marked on profiles.
5. Secure tapping blocks to sash/frame profiles using grub screw provided into centre hole of tapping block.
6. Locate required hinge assembly (including pre-fitted self-adhesive adjustment shims) over profile and clamp into position into the remaining threaded holes in the tapping block using 3 No M5 x 10mm countersunk fixing screws provided.
7. Apply all hinges, top guides and roller assemblies to one side of sash/outer frame before connecting them to the adjacent sash.
8. When all door leaves have been assembled within the outer frame, check final gap between meeting sashes, or final sash with outer frame. If gap is outside recommended tolerances for that application, adjust by adding or removing 0.5mm adjustment shims (additional shims BF046 are available if required). Avoid adding or removing shims from both sides of hinges, top guides and roller assemblies. Shims should only be removed/added to the same side. When disassembling hinges do not remove grub screw from tapping block. Re-assemble door and re-check final gap.
9. Do not apply No 10 x 25mm countersunk self-drilling fixing screw through untapped hole in tapping block in factory. This final dead fixing should not be applied until after doors have been glazed and fully adjusted on site.

OUTER FRAME	x (mm)
BF001002	41
BF001008	60
BF009002	60

FLUSH THRESHOLD	x (mm)
BF017	26



Not to Scale

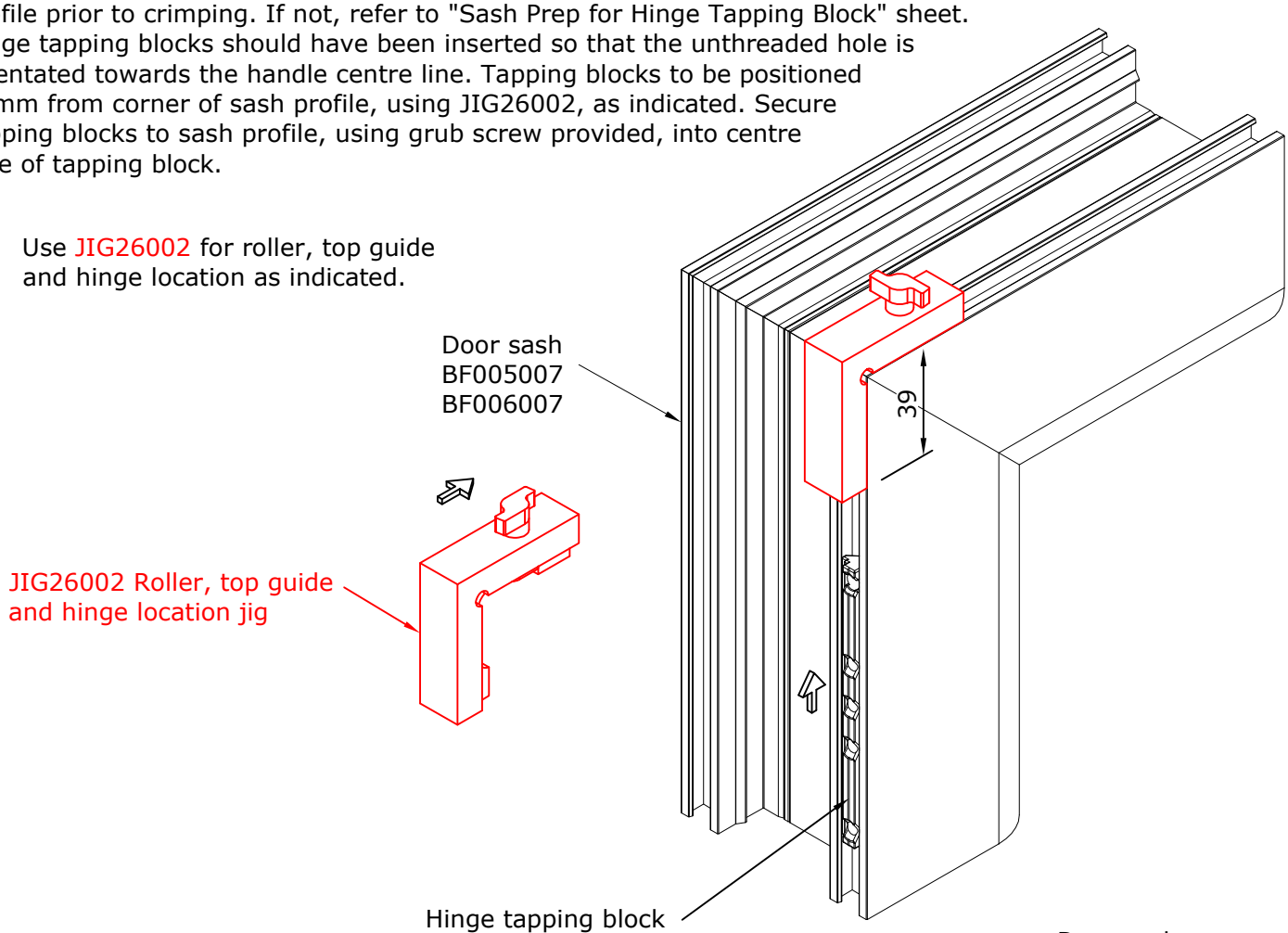
Hinge Tapping Block Application

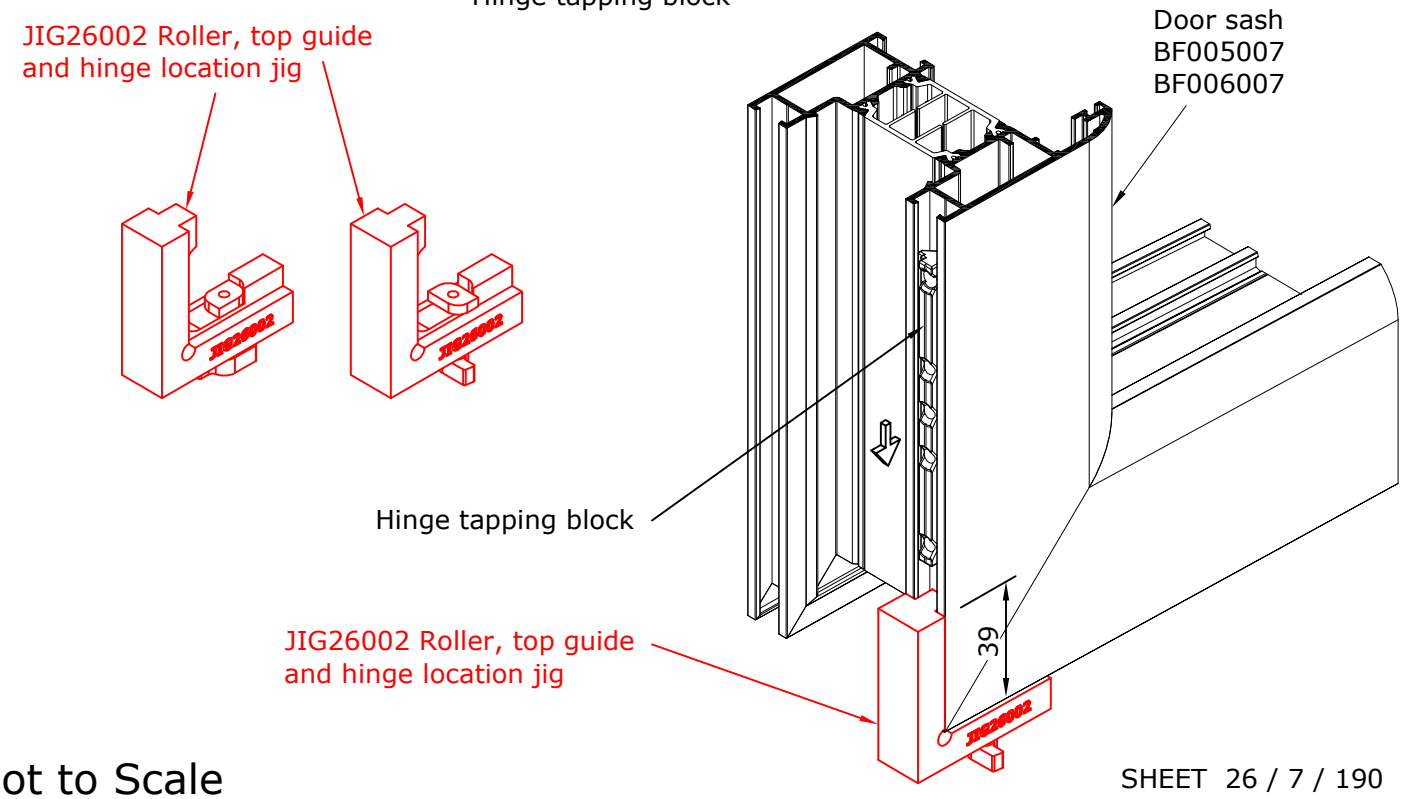
For Top and Bottom Hinge Assemblies BF040, BF041 and BF045.

System 26 Hi/Hi+
BI-FOLDING DOOR

Tapping blocks (included with hinges / rollers) should be located into the sash profile prior to crimping. If not, refer to "Sash Prep for Hinge Tapping Block" sheet. Hinge tapping blocks should have been inserted so that the unthreaded hole is orientated towards the handle centre line. Tapping blocks to be positioned 39mm from corner of sash profile, using JIG26002, as indicated. Secure tapping blocks to sash profile, using grub screw provided, into centre hole of tapping block.

Use JIG26002 for roller, top guide and hinge location as indicated.





Not to Scale

Hinge Application

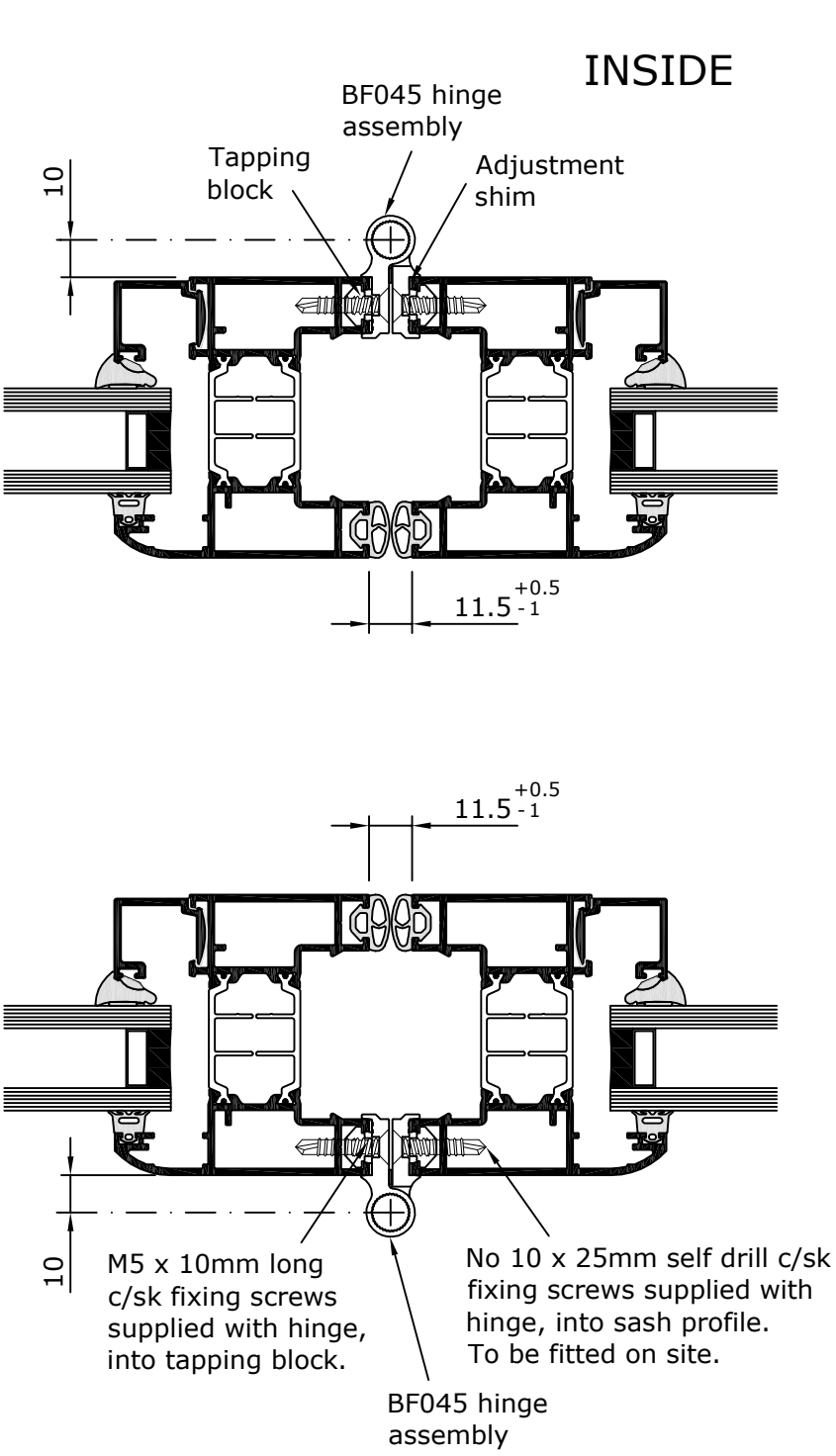
BF045 Hinge Assembly

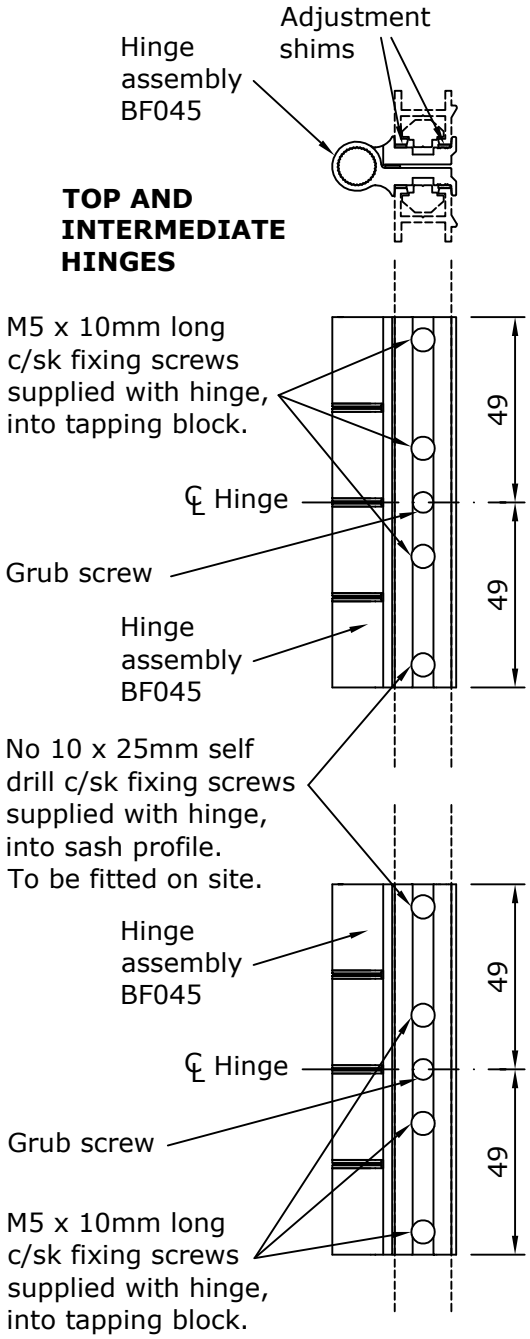
System 26 Hi/Hi+

BI-FOLDING DOOR

OPEN OUT AND OPEN IN DOOR

Identify door configuration to determine if BF045 hinge assembly is to be fitted internally or externally.





Scale 1:2

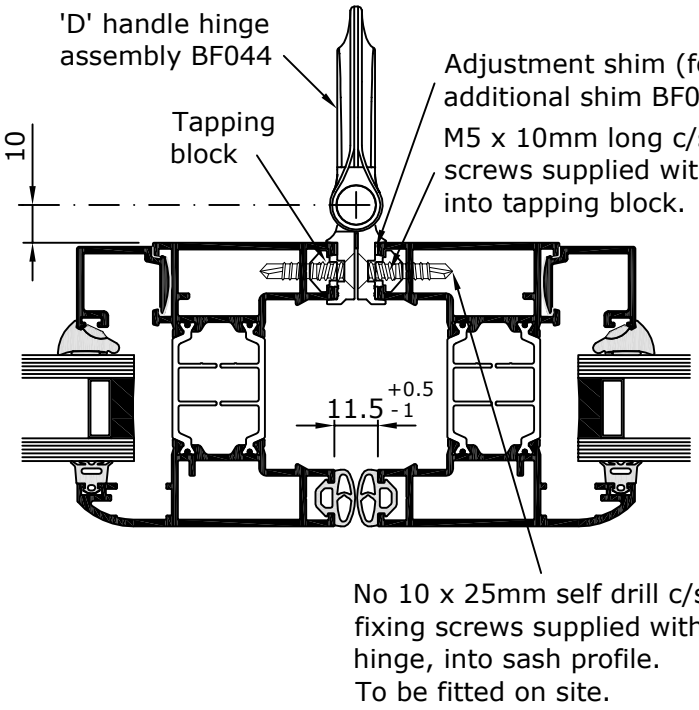
Hinge Application

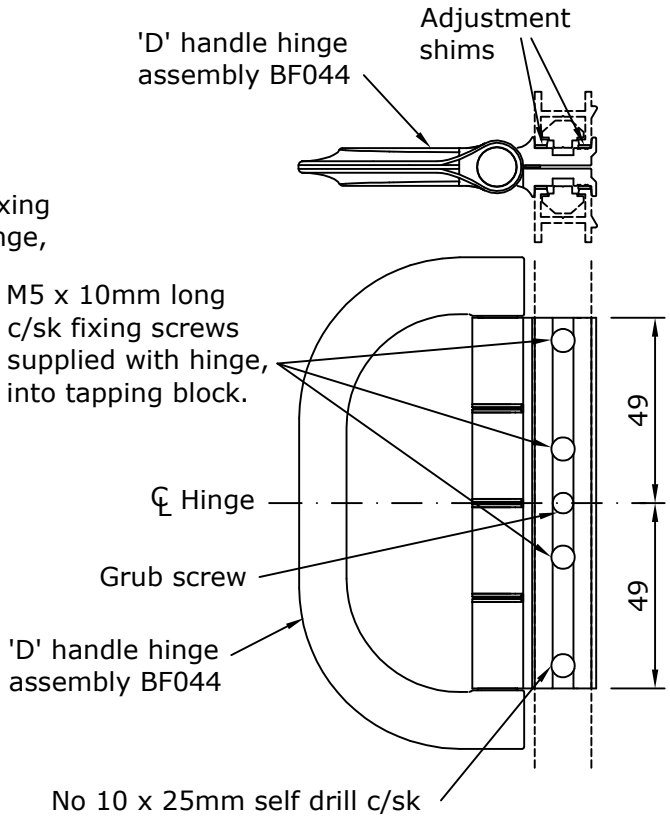
BF044 'D' Handle Hinge Assembly and
BF048 'D' Handle Assembly

System 26 Hi/Hi+
BI-FOLDING DOOR

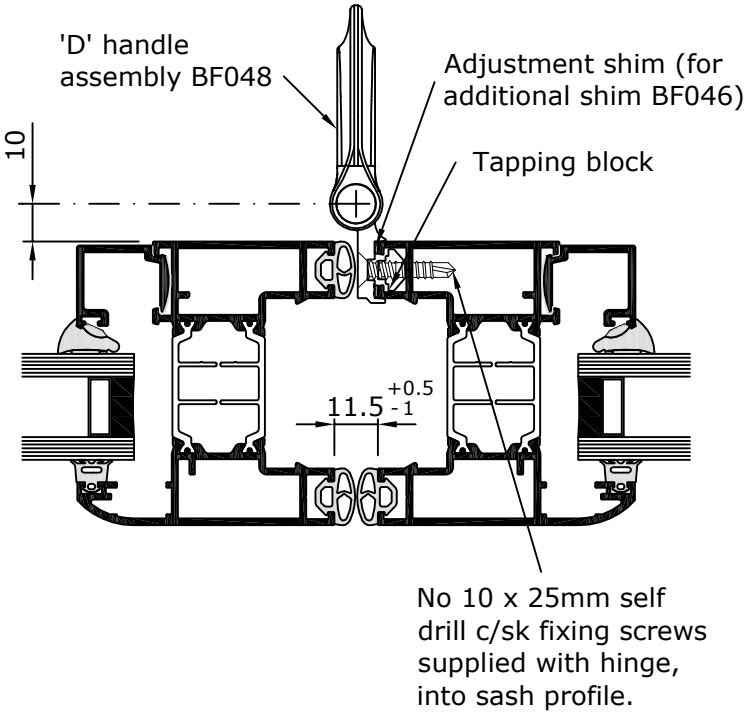
INSIDE

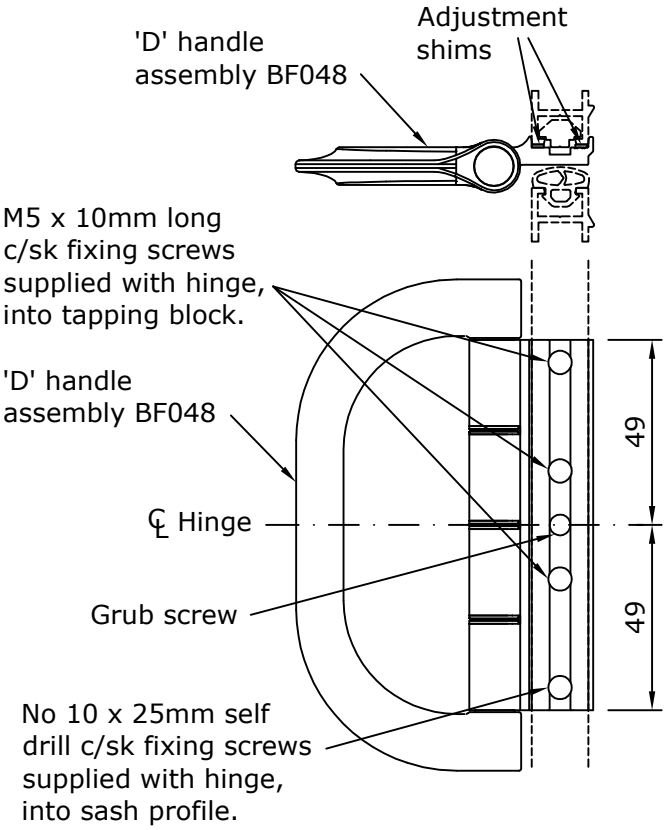
OPEN OUT DOOR





OPEN OUT AND OPEN IN DOOR





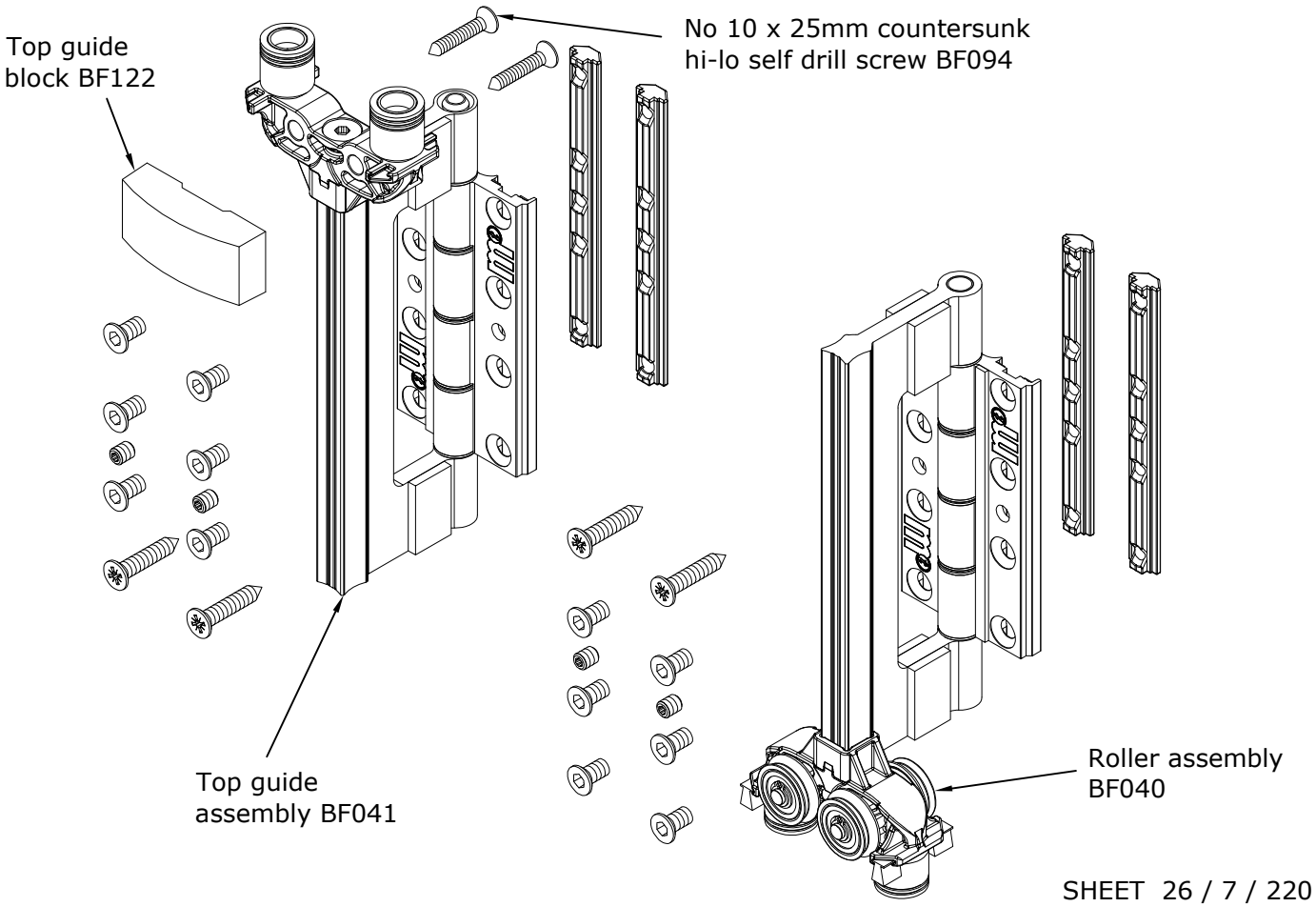
OUTSIDE

Scale 1:2

Roller and Top Guide Application

System 26 Hi/Hi+
BI-FOLDING DOOR

1. If not previously fitted, insert hinge tapping blocks into sash profile using detail on "Sash Prep for Hinge Tapping Block" sheet, ensuring untapped hole is orientated towards the centre of the sash.
2. Insert grub screw into centre hole of tapping block. Do not tighten.
3. Ensuring grub screw is accessible through central hole in hinge leaf, temporarily locate top guide and roller assemblies onto tapping blocks using 3 no M5 x 10mm countersunk fixing screws into tapped holes in tapping block. Do not tighten screws. Slide top guide and roller assemblies into position so that edge of hinge is 13mm from edge of sash as indicated.
4. Tighten grub screw to secure tapping block to sash profile.
5. Clamp top guide and roller assemblies into position by tightening M5 x 10mm countersunk fixing screws.
6. Apply all hinges, top guides and roller assemblies to one side of sash/outer frame before connecting them to the adjacent sash.
7. When all door leaves have been assembled within the outer frame, check final gap between meeting sashes, or final sash with outer frame. If gap is outside recommended tolerances for that application, adjust by adding or removing 0.5mm adjustment shims (additional shims BF046 are available if required). Avoid adding or removing shims from both sides of hinges, top guides and roller assemblies. Shims should only be removed/added to the same side. When disassembling hinges do not remove grub screw from tapping block. Re-assemble door and re-check final gap.
8. Using 2 x No 10 x 25mm countersunk hi-lo self drill screws BF094, fix BF122 top guide block to all BF041 top guides. BF122 to be fitted to rebated side of outer frame as indicated on "Roller and Top Guide Application" sheets.
9. Do not apply No 10 x 25mm countersunk self-drilling fixing screw through untapped hole in tapping block in factory. This final dead fixing should not be applied until after doors have been glazed and fully adjusted on site.

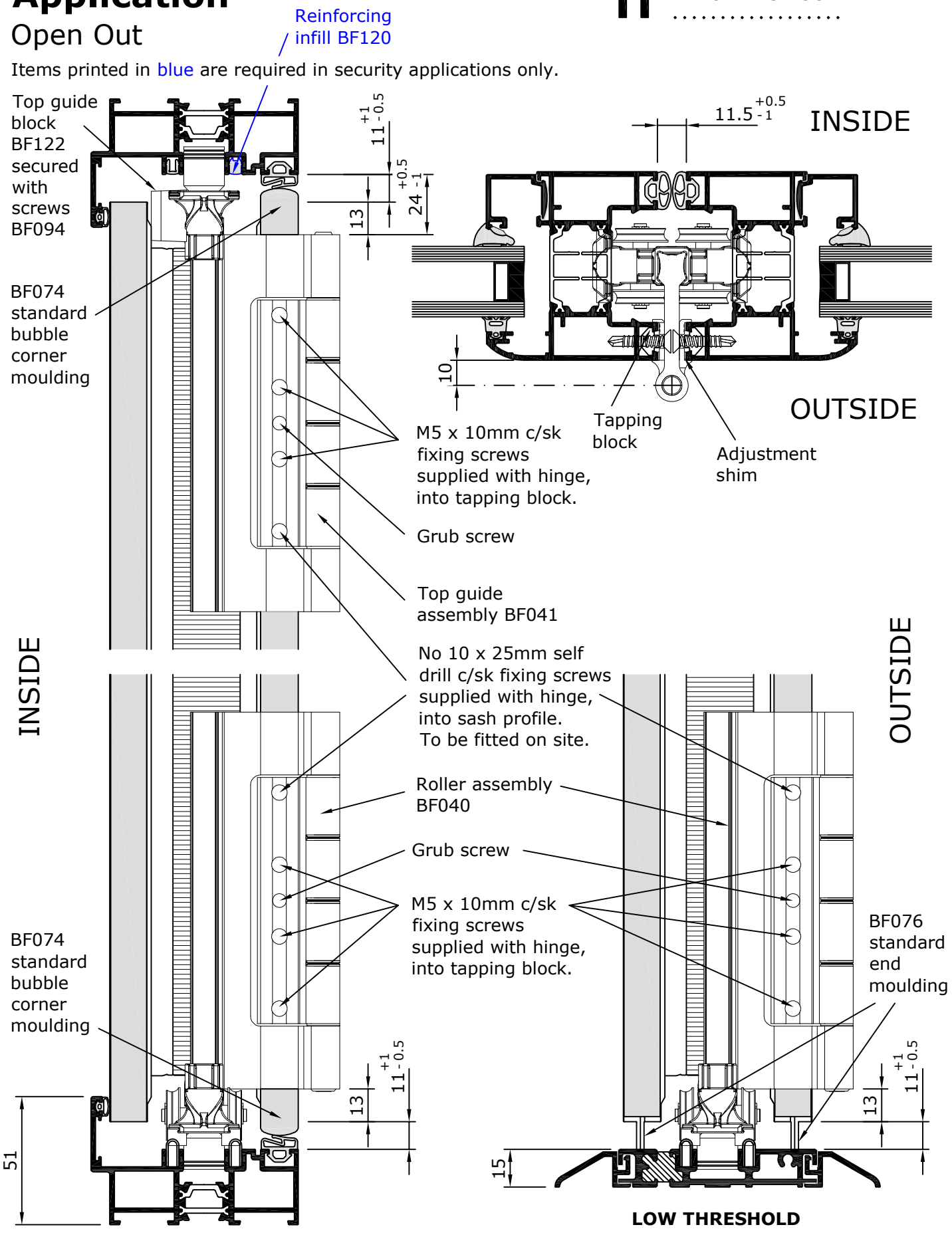


Roller and Top Guide Application

Open Out

System 26 Hi/Hi+
BI-FOLDING DOOR

Items printed in blue are required in security applications only.



REBATED THRESHOLD

LOW THRESHOLD

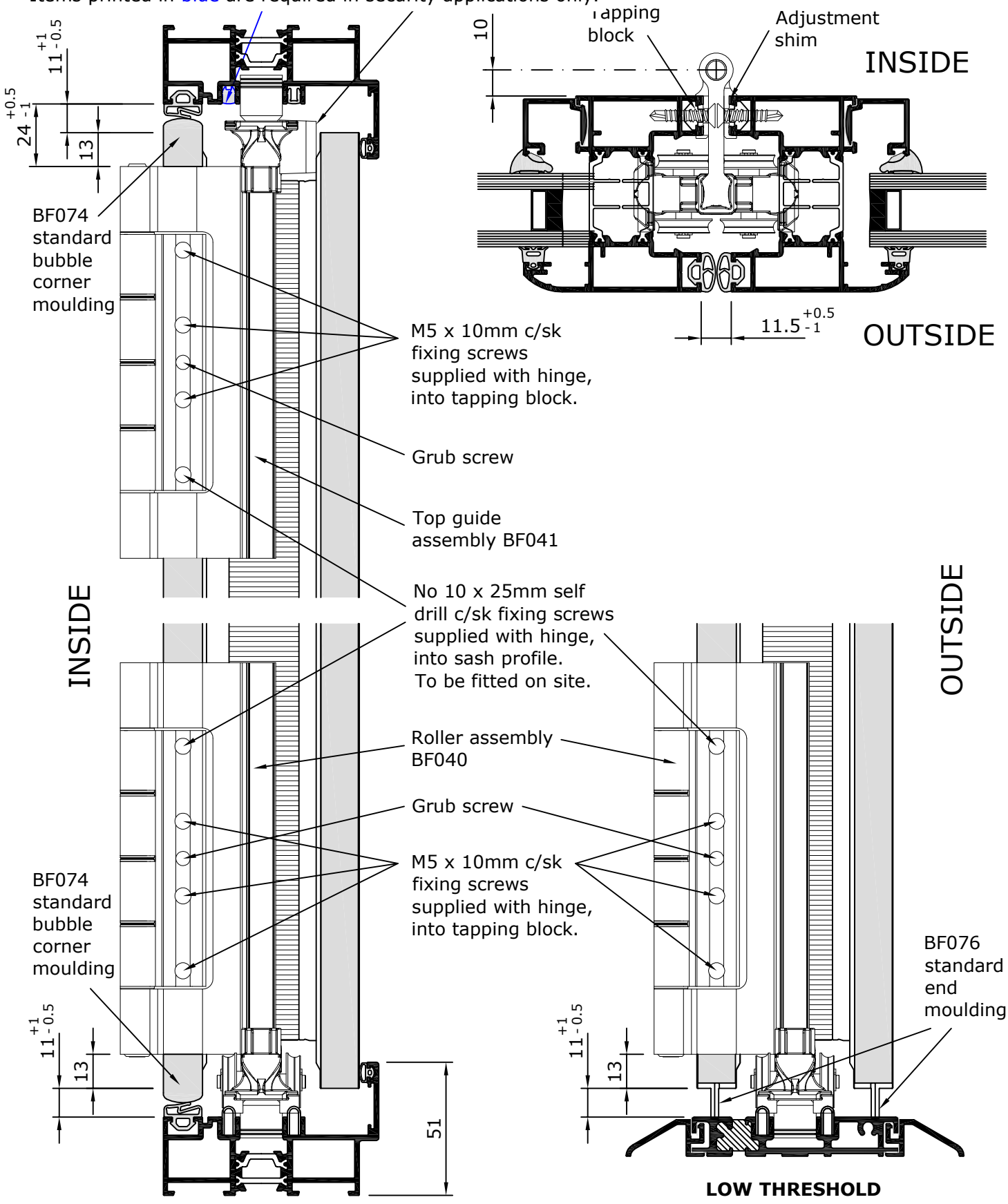
Scale 1:2

Roller and Top Guide Application

Open In

System 26 Hi/Hi+
BI-FOLDING DOOR

Items printed in blue are required in security applications only.



REBATED THRESHOLD

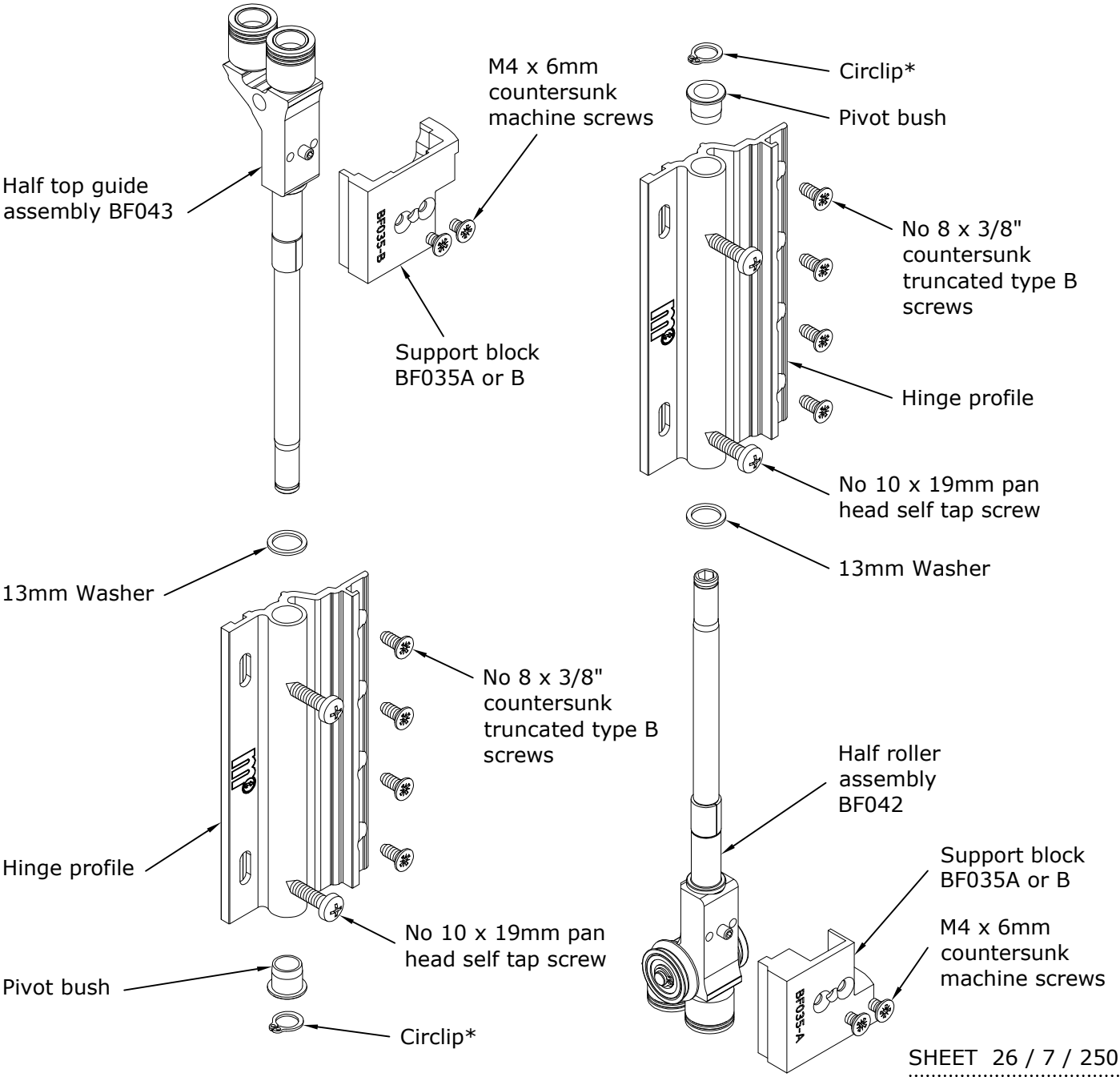
LOW THRESHOLD

Scale 1:2

Half Roller and Half Top Guide Application

System 26 Hi/Hi+
BI-FOLDING DOOR

1. Drill 3.2 Ø pilot holes through corner cleats at top two holes of BF043 half top guide assembly, and bottom two holes of BF042 half roller assembly.
2. Position half roller and half top guide hinge extrusion components on sash profile ensuring extruded gasket leg on hinge profiles align with gasket leg on sash profile.
3. Secure hinge extrusion profile to sash using 4 No countersunk truncated type B screws (supplied with hinges) through countersunk holes, into pre-drilled pilot holes in sash.
4. Secure hinge extrusion component through slotted holes using 2 No pan head self tapping screws (supplied with hinges) into pre-drilled pilot holes.
5. Insert steel spindle of top guide and half roller assemblies into hole in hinge extrusion. Secure using circlip into groove at end of spindle. (*A spare circlip is provided with BF042 half roller assembly and BF043 half top guide assembly, if required)
6. Secure BF035 support blocks to BF042 half roller assembly and BF043 half top guide assembly using screws provided in kit. Refer to "BF035 Support Block Application" sheets for handing.
7. Prior to fitting sash to outer frame ensure half roller and half top guide assemblies are correctly orientated so that flat surfaces with grub screw face forward and are therefore visible.



Half Roller and Half Top Guide Application

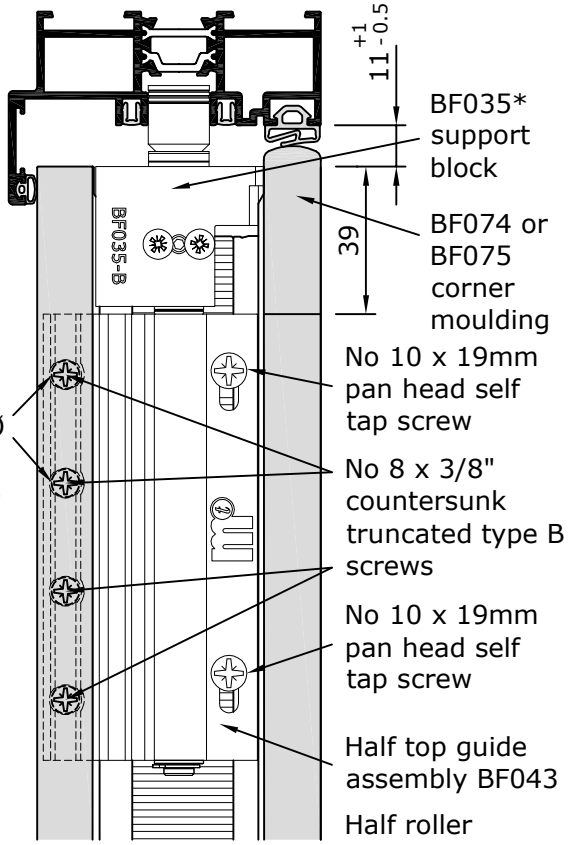
Open Out

All screws supplied with hinges.

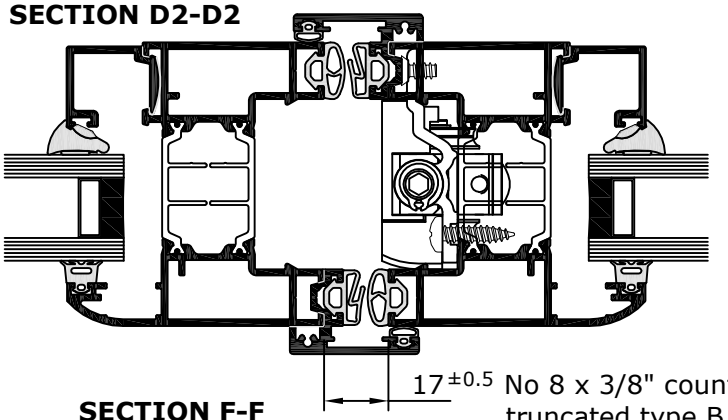
*Refer to "BF035 Support Block Application" sheets for handing.

System 26 Hi/Hi+
BI-FOLDING DOOR

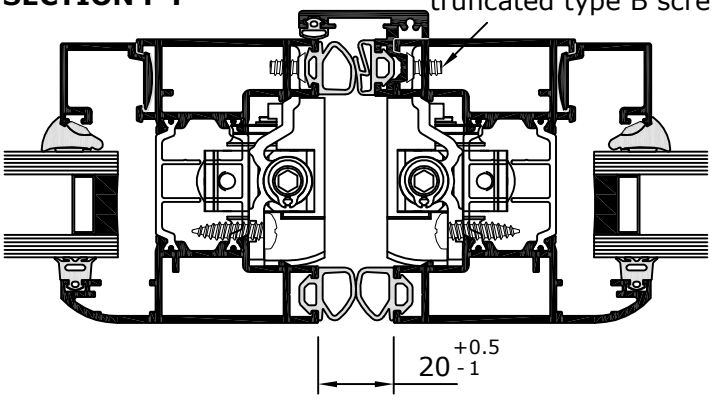
INSIDE



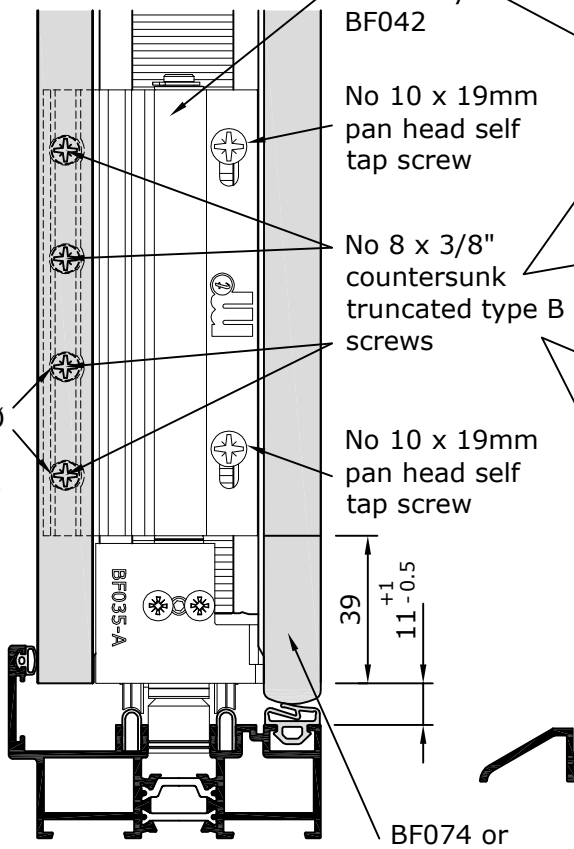
SECTION D2-D2



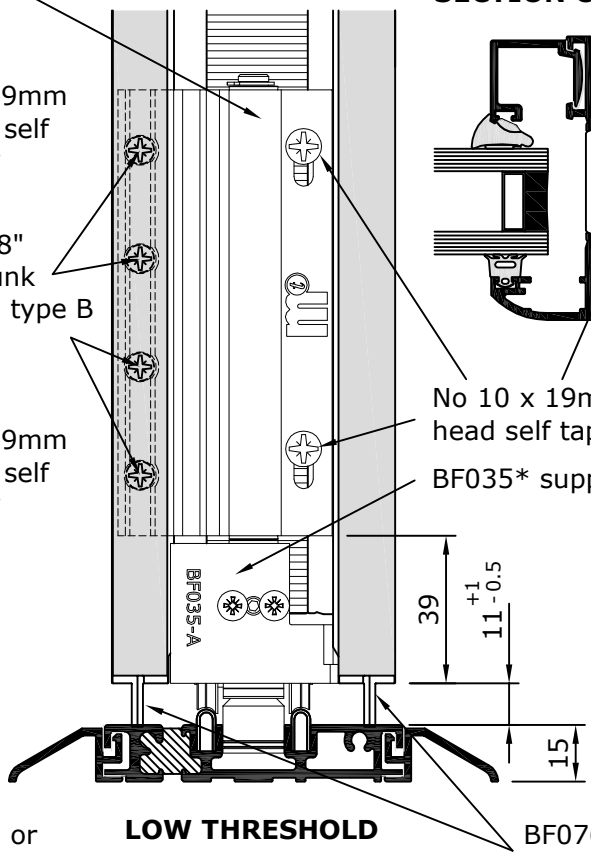
SECTION F-F



INSIDE



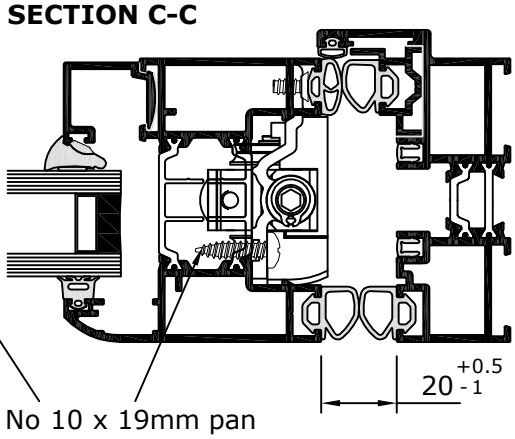
REBATED THRESHOLD



LOW THRESHOLD

OUTSIDE

SECTION C-C



OUTSIDE

Scale 1:2

Half Roller and Half Top Guide Application

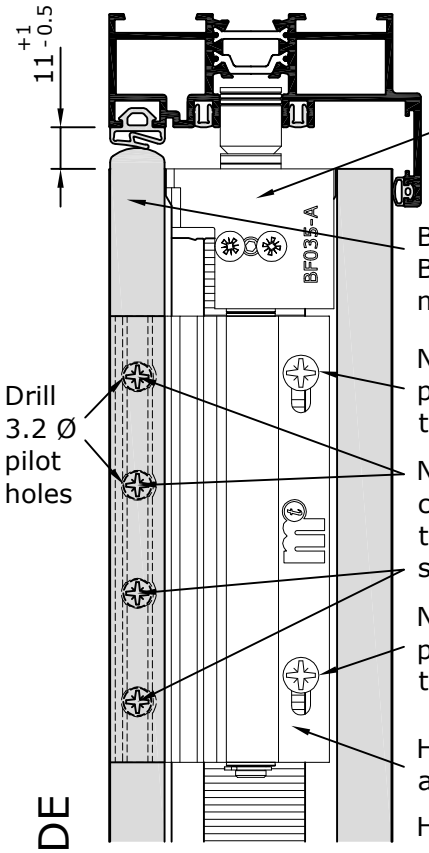
Open In

System 26 Hi/Hi+
BI-FOLDING DOOR

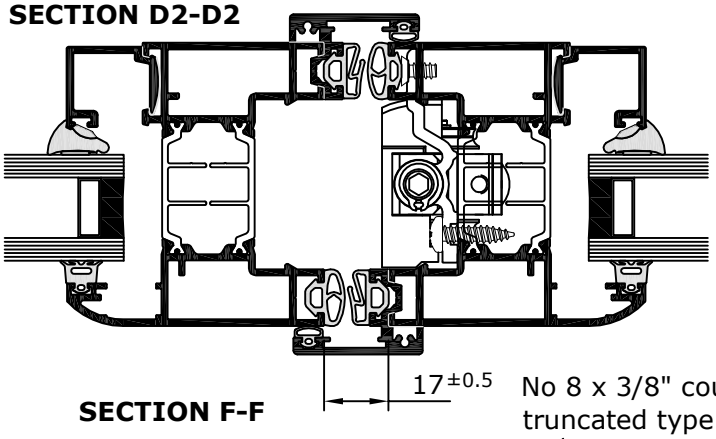
All screws supplied with hinges.

*Refer to "BF035 Support Block Application" sheets for handing.

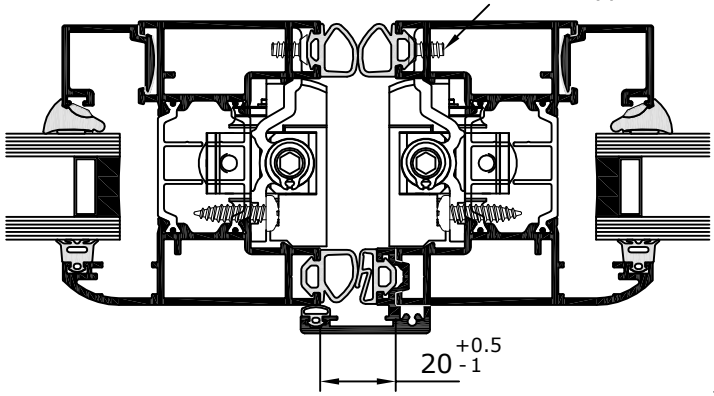
INSIDE



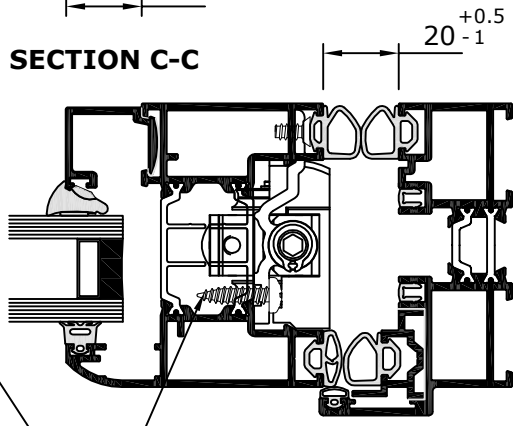
SECTION D2-D2



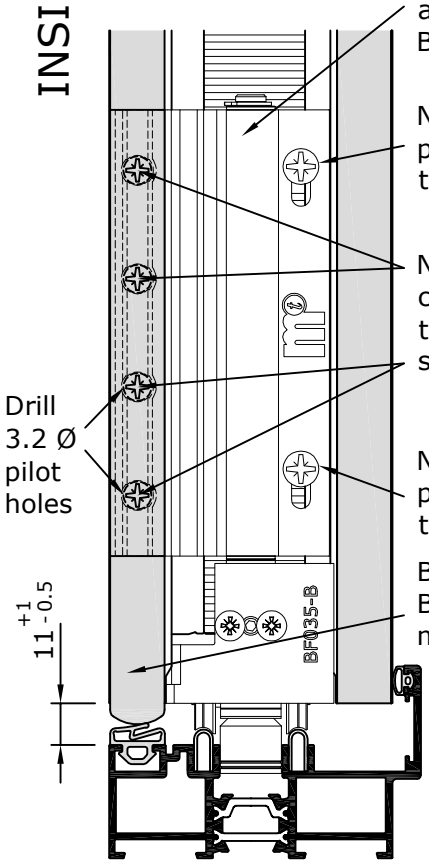
SECTION F-F



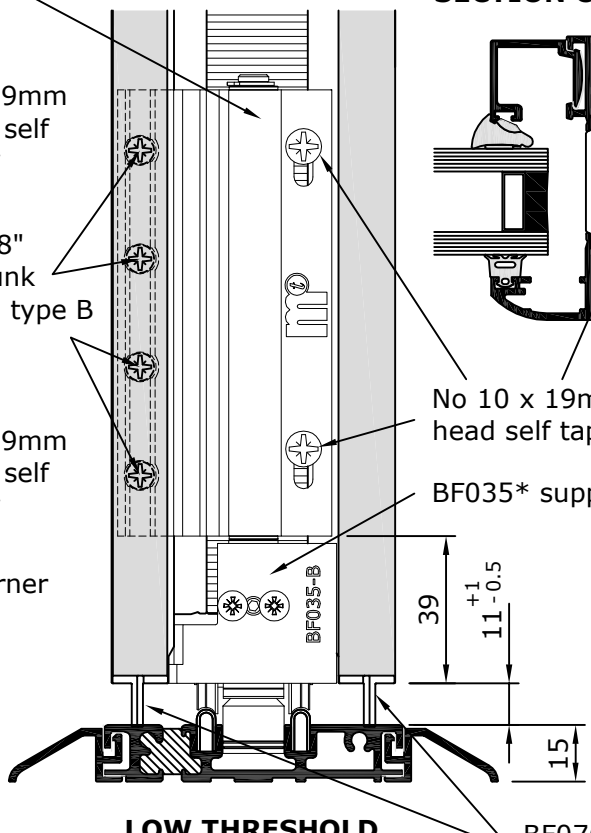
SECTION C-C



INSIDE



REBATED THRESHOLD



LOW THRESHOLD

OUTSIDE

OUTSIDE

Scale 1:2

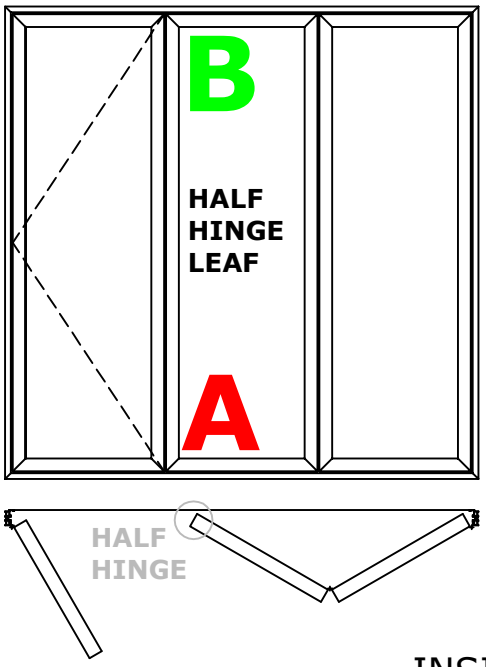
BF035 Support Block Application - Open Out Doors

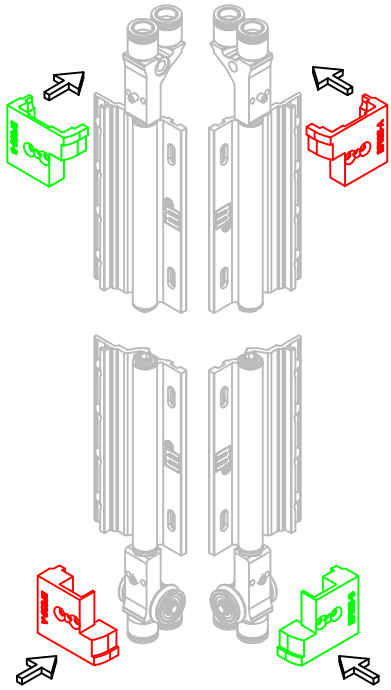
Door Types 2B, 3A, 4B, 4D, 5A, 5E, 6B, 7A, 7E

System 26 Hi/Hi+

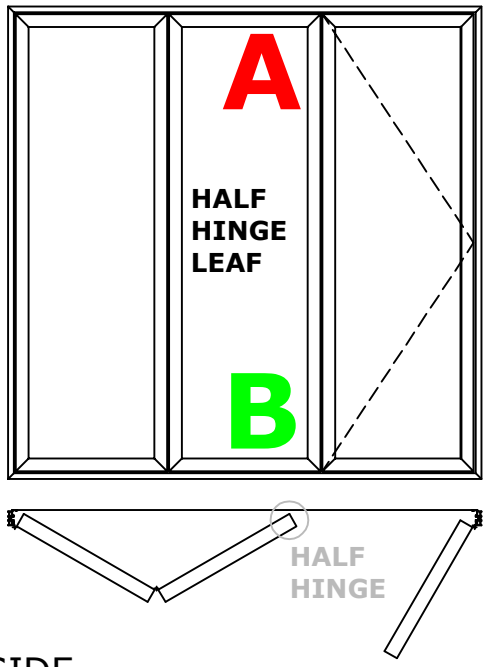
BI-FOLDING DOOR

DOOR VIEWED FROM OUTSIDE
LEFT HAND HINGED DOORS

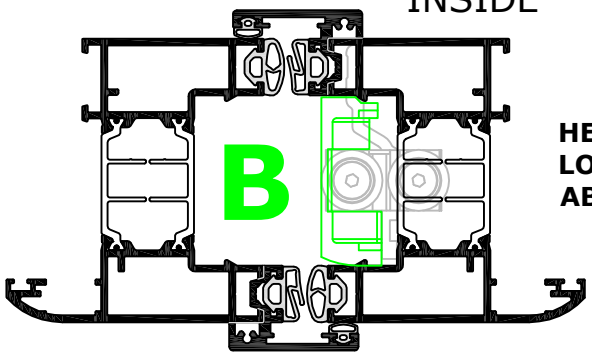




DOOR VIEWED FROM OUTSIDE
RIGHT HAND HINGED DOORS

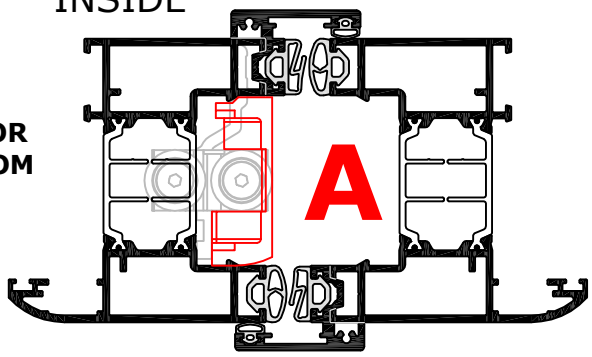


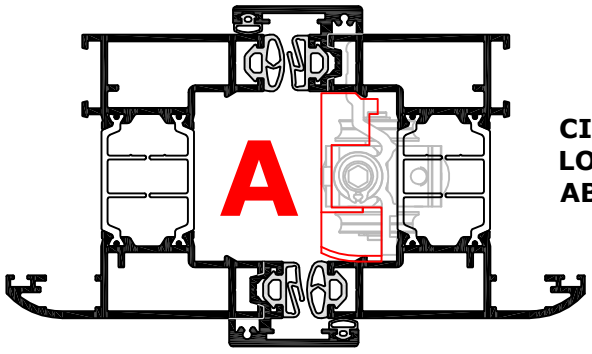
INSIDE



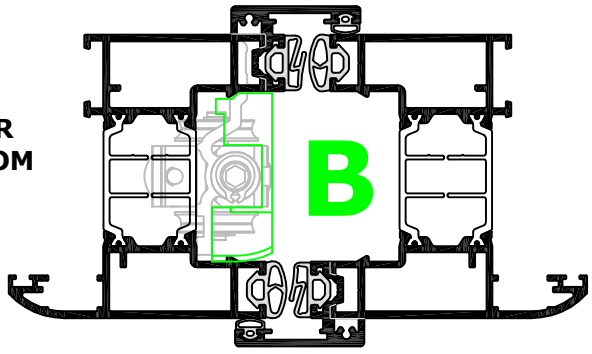
HEAD OF DOOR LOOKING FROM ABOVE

INSIDE





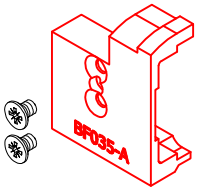
CILL OF DOOR LOOKING FROM ABOVE



OUTSIDE

OUTSIDE

Half hinge support blocks:



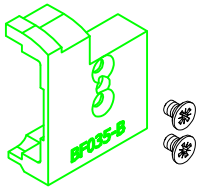
BF035-A

A

Secure BF035 support blocks to half top guides and half rollers using screws provided in kit.

B

BF035-B



Scale 1:2

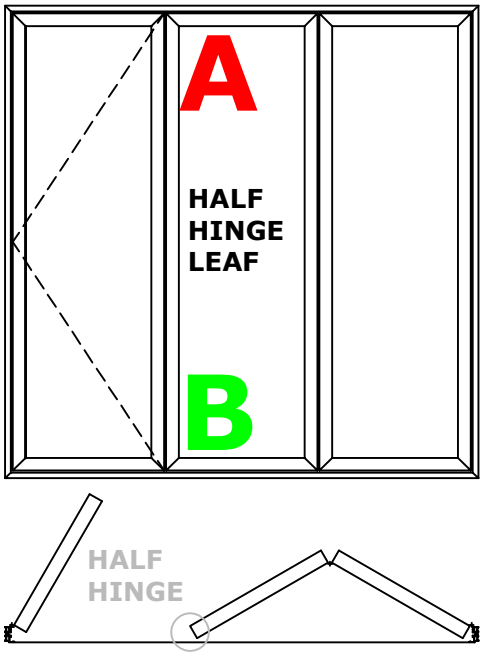
BF035 Support Block Application - Open In Doors

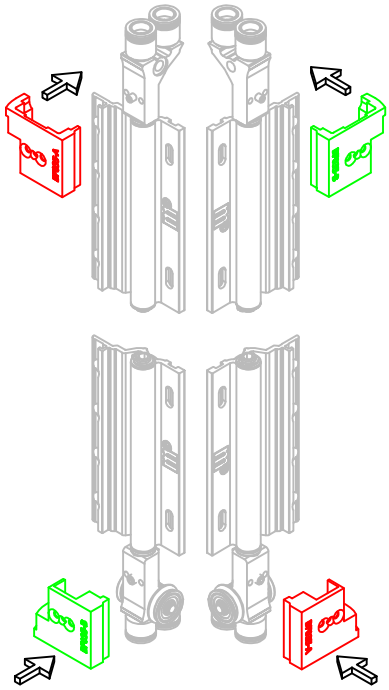
Door Types 2B, 3A, 4B, 4D, 5A, 5E, 6B, 7A, 7E

System 26 Hi/Hi+

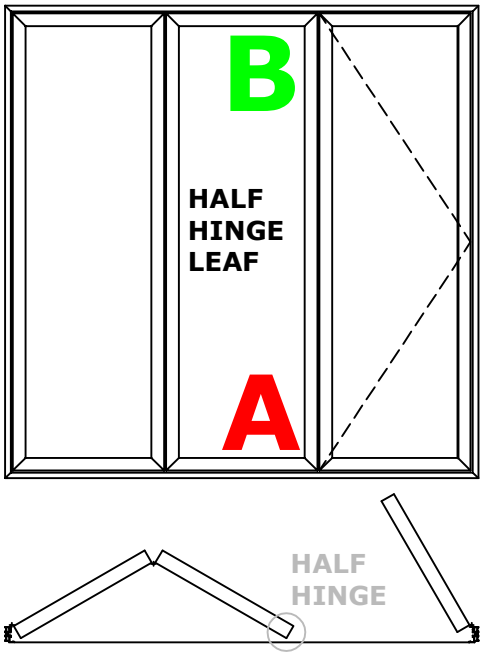
BI-FOLDING DOOR

DOOR VIEWED FROM OUTSIDE
LEFT HAND HINGED DOORS

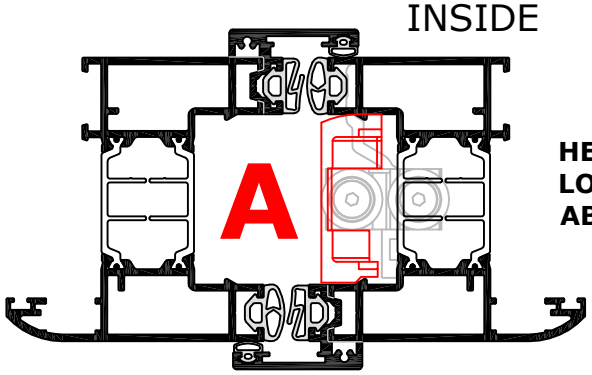




DOOR VIEWED FROM OUTSIDE
RIGHT HAND HINGED DOORS

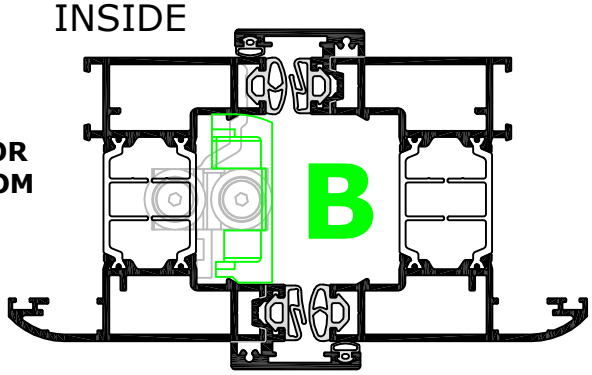


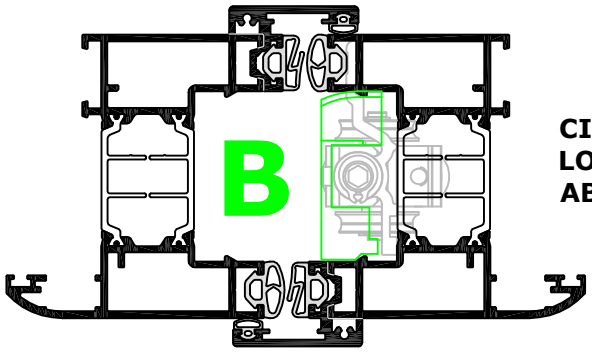
INSIDE



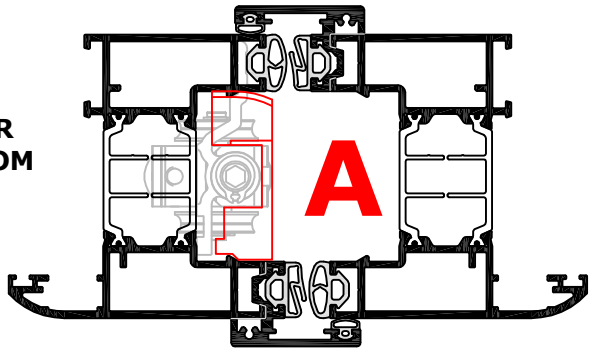
HEAD OF DOOR LOOKING FROM ABOVE

INSIDE





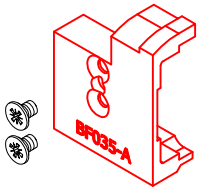
CILL OF DOOR LOOKING FROM ABOVE



OUTSIDE

OUTSIDE

Half hinge support blocks:

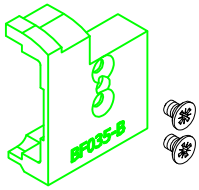


BF035-A

A

BF035-B

B



Secure BF035 support blocks to half top guides and half rollers using screws provided in kit.

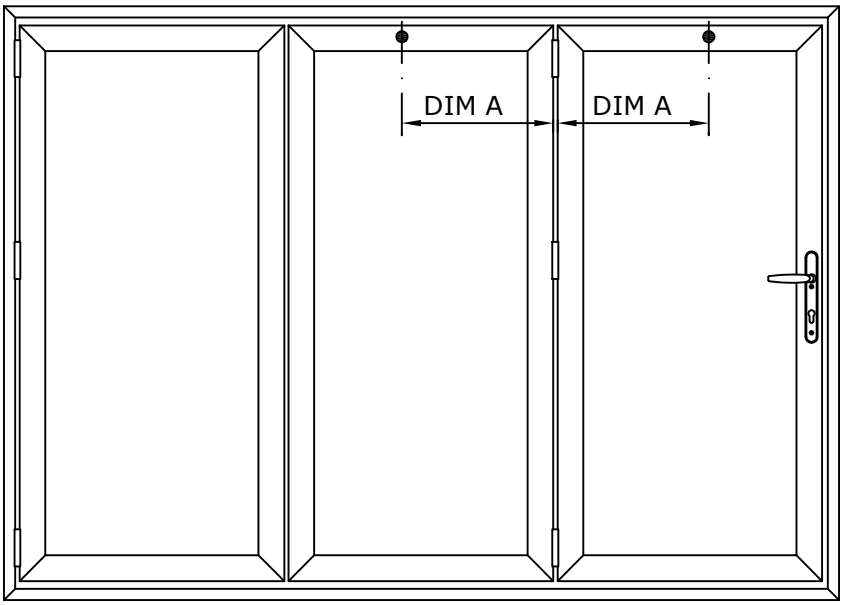
Scale 1:2

Magnetic Door Stop Application

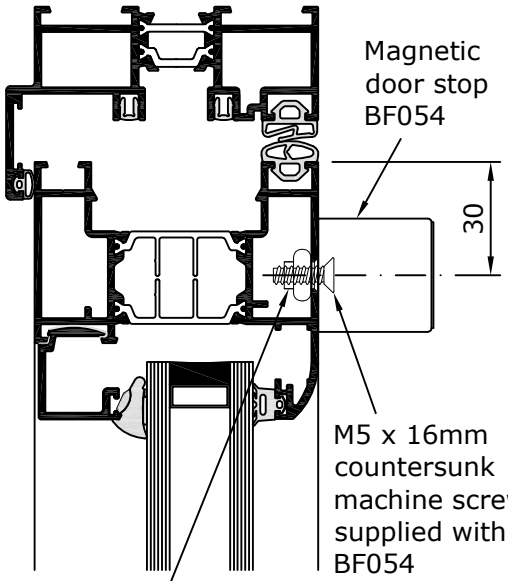
System 26 Hi/Hi+

BI-FOLDING DOOR

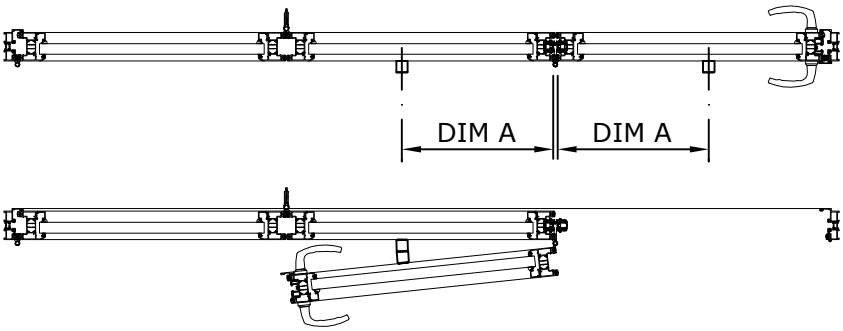
BF054 magnetic door stop must be fitted to door types 3C, 4A, 5C, 5E, 6A, 6E, 7C, 7E. Fabricators should ensure that the end user is fully aware that, where a pass door is hinged off a folding sash, the pass door must be fully opened to its 180° position and retained on the magnetic catch prior to releasing the adjacent shoot bolt mechanism and sliding the sashes to the fully opened position. Metal Technology provide operational sticker BF066 that should be applied in a prominent position to the pass door unit when glazing. The end user should also be made aware that the magnetic catch is not designed for hard impact or permanent retention. Full instructions are included with each item. The mating surfaces of the BF054 magnetic door stop are angled at 2°, and must be orientated so that the surfaces meet parallel to each other when retaining the door leaf. Do not remove plastic protection from mating surfaces of magnetic stop.

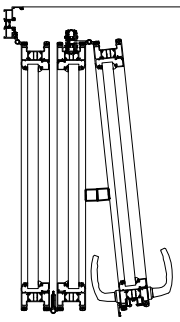


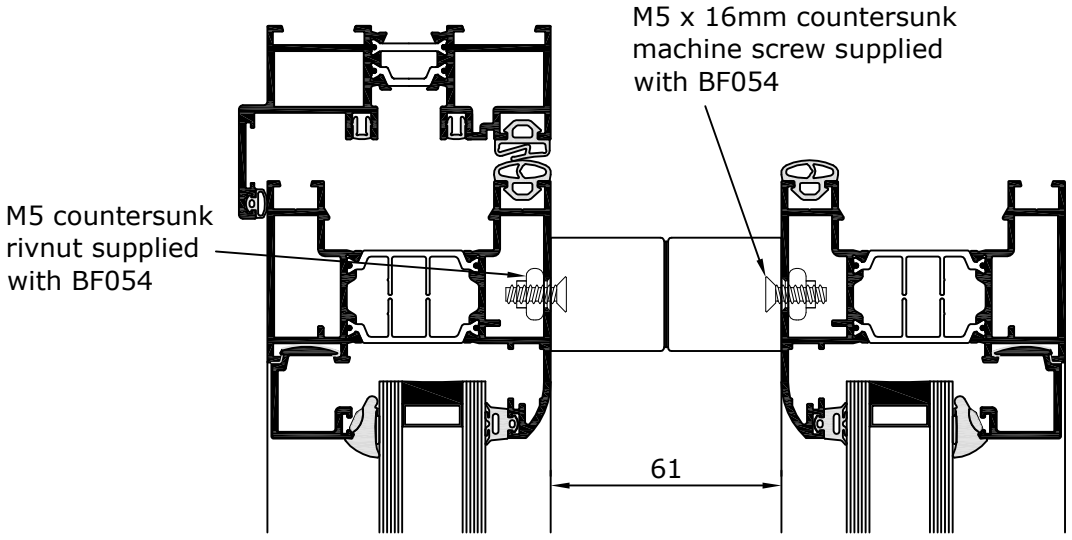
DIM A = (Sash width x 2 / 3) - 50



7mm diameter hole must be pre-drilled to accept M5 countersunk rivnut supplied with BF054







Not to Scale

Glazing Bead and Gasket Requirements

System 26 Hi/Hi+
BI-FOLDING DOOR

Glazing unit size	External gasket	Internal gasket	Glazing bead
28mm	6080 (purple)	066 (grey)	PTT13 
29mm	6080 (purple)	BF109 (pastel violet)	
30mm	6081 (black)	066 (grey)	
31mm	6080 (purple)	PTT36 (red)	
32mm	CA25A (black)	066 (grey)	
33mm	6081 (black)	PTT36 (red)	
34mm	CA25A (black)	CA27 (white)	
35mm	CA25A (black)	PTT36 (red)	
36mm	6081 (black)	066 (grey)	PTT14 
37mm	6081 (black)	BF109 (pastel violet)	
38mm	CA25A (black)	066 (grey)	
39mm	6081 (black)	PTT36 (red)	
40mm	6080 (purple)	066 (grey)	TT16 
41mm	6080 (purple)	BF109 (pastel violet)	
42mm	6081 (black)	066 (grey)	
43mm	6081 (black)	BF109 (pastel violet)	
44mm	6081 (black)	066 (grey)	328 
45mm	6081 (black)	BF109 (pastel violet)	
46mm	6081 (black)	CA27 (white)	
47mm	6081 (black)	066 (grey)	TT17A 
48mm	6081 (black)	BF109 (pastel violet)	
49mm	CA25A (black)	066 (grey)	
50mm	CA25A (black)	BF109 (pastel violet)	

These unit sizes (i.e. 28mm to 50mm) are based on nominal sizes. Where glazing unit tolerance is at its extreme (±0.5mm) or where alternative glass thicknesses are being considered the gasket/bead/section combination should be physically checked on a sample window.

For alternative glazing unit sizes refer to Metal Technology's Technical Department.

Scale 1:2

Weatherseal Application Details

Weatherseal CS60, Pvc Infill BF029 and Reinforcing Infill BF120

System 26 Hi/Hi+
BI-FOLDING DOOR

Items printed in blue are required in security applications only.

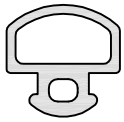
Cut weatherseal into four individual lengths with mitred corners.

Weatherseals must not be stretched and should be cut 1-3% oversize as required to accommodate shrinkage. When oversizing the gasket to accommodate any anticipated potential shrinkage, fabricators should ensure gasket is not installed so that it remains wrinkled. While it is preferable that gaskets be installed too long, rather than too short, excessive wrinkles or distortion should be avoided once the gasket has had an opportunity to settle into its natural state within its final intended environment.

All corners to be bonded with cyanoacrylate (superglue) adhesive.

Pvc infill BF029

Reinforcing infill BF120



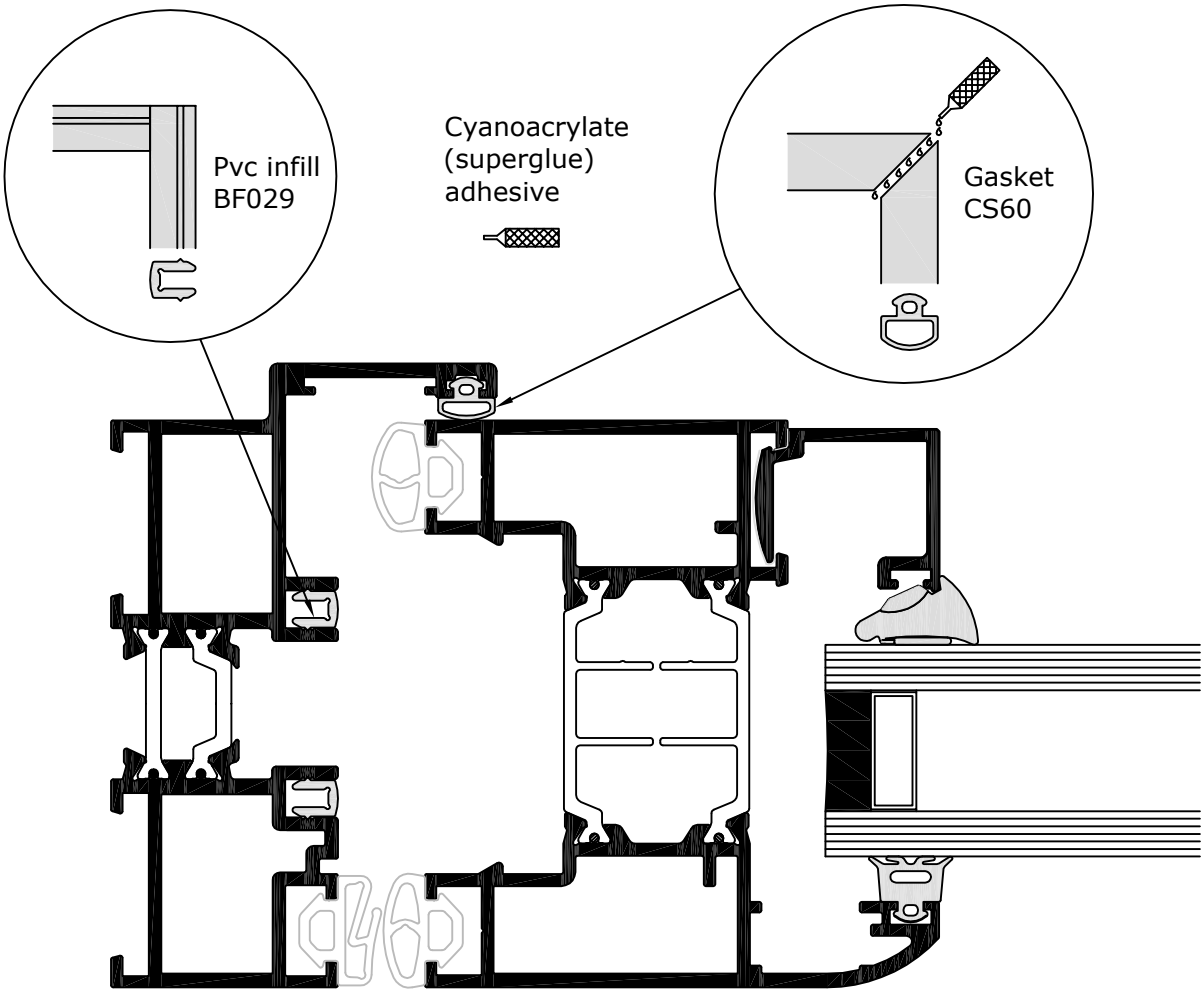
Weatherseal gasket CS60

Scale 2:1

Where gaskets are supplied in a bag, the bag should be re-sealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.

Insert pvc infill BF029 to jambs and head of outer frame as indicated.

In security applications push fit BF120 reinforcing infill into non-rebated side of outer frame, centred on all BF116/BF117 shoot bolt, and BF041 and BF043 top guide positions. Cut and insert pvc infill BF029 between BF120 reinforcing infills.



Scale 1:1

Weatherseal Application Details

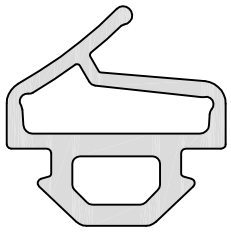
BF037 Flipper Seal into Outer Frame at Section A-A

Square cut flipper seal.

Flipper seals must not be stretched and should be cut 1-3% oversize as required to accommodate shrinkage. When oversizing the gasket to accommodate any anticipated potential shrinkage, fabricators should ensure gasket is not installed so that it remains wrinkled. While it is preferable that gaskets be installed too long, rather than too short, excessive wrinkles or distortion should be avoided once the gasket has had an opportunity to settle into its natural state within its final intended environment.

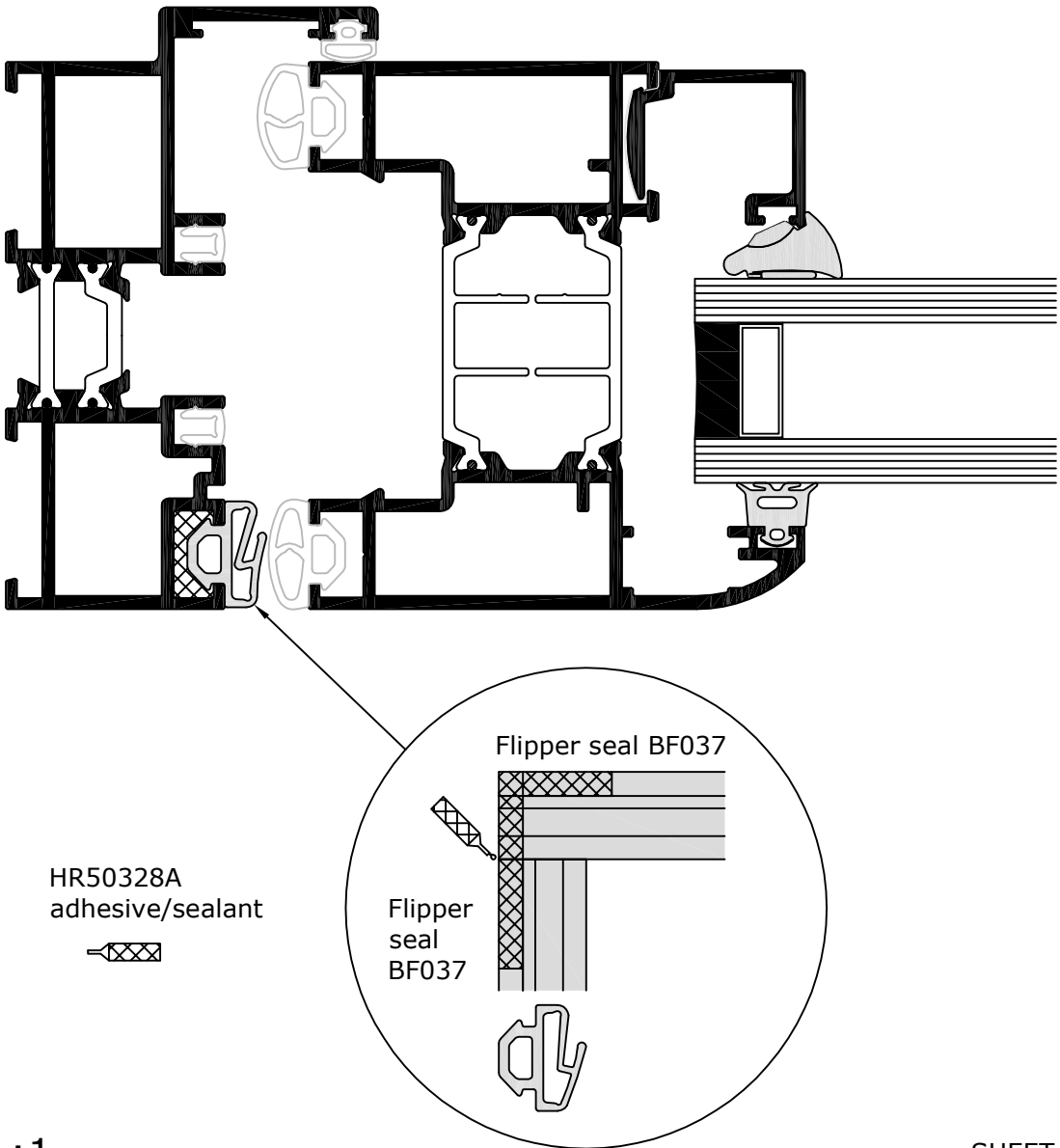
All corners to be bonded to outer frame using HR50328A adhesive/sealant.

Where gaskets are supplied in a bag, the bag should be re-sealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.



Flipper seal BF037

Scale 2:1



Scale 1:1

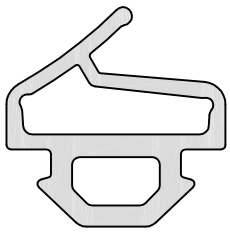
Weatherseal Application Details

System 26 Hi/Hi+
BI-FOLDING DOOR

BF037 Gaskets into Outer Frame at Section B-B

Square cut flipper seal BF037.

Gaskets must not be stretched and should be cut 1-3% oversize as required to accommodate shrinkage. When oversizing the gasket to accommodate any anticipated potential shrinkage, fabricators should ensure gasket is not installed so that it remains wrinkled. While it is preferable that gaskets be installed too long, rather than too short, excessive wrinkles or distortion should be avoided once the gasket has had an opportunity to settle into its natural state within its final intended environment.

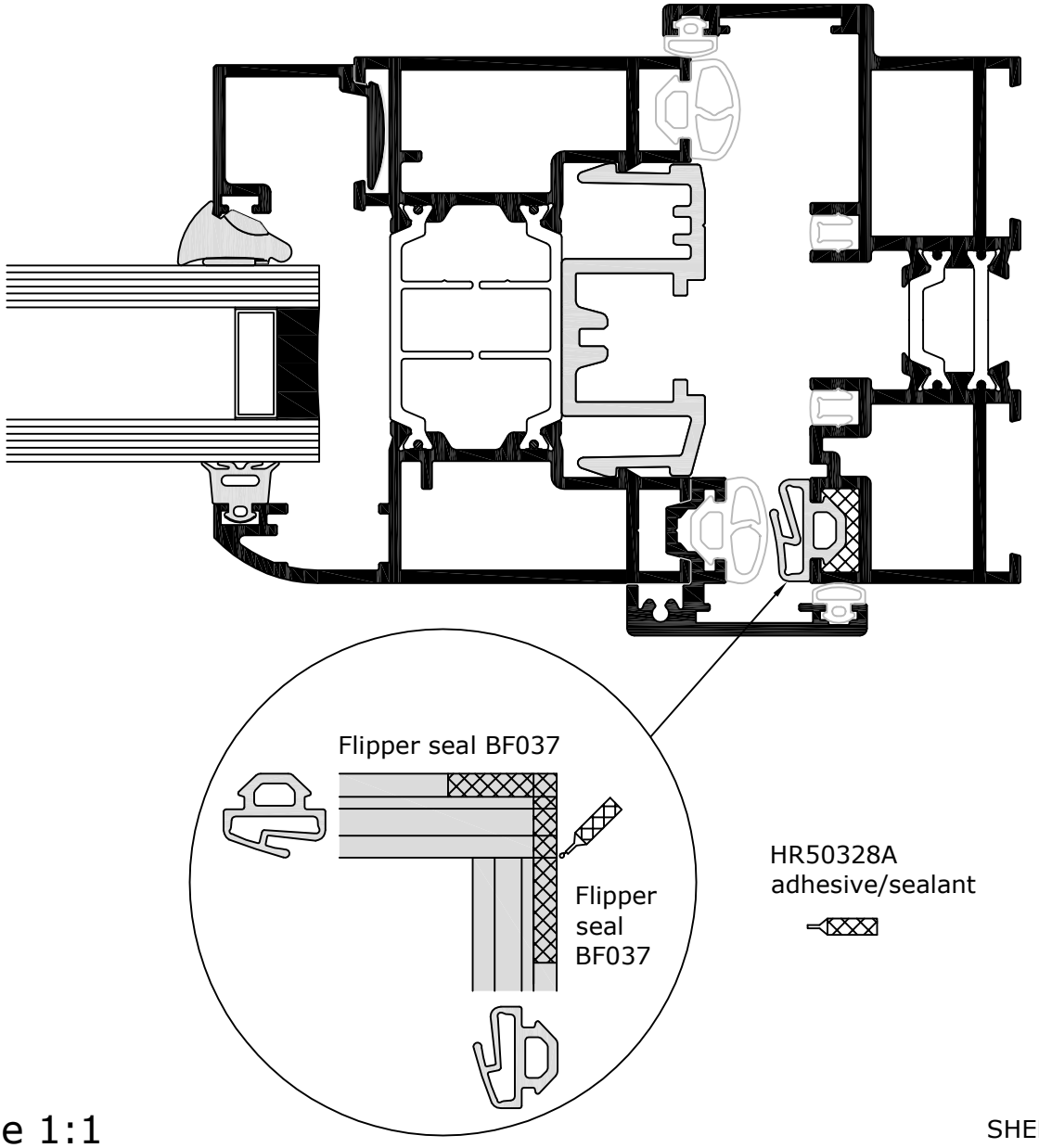


Flipper seal BF037

Scale 2:1

All corners to be bonded to outer frame using HR50328A adhesive/sealant.

Where gaskets are supplied in a bag, the bag should be re-sealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.



Scale 1:1

Weatherseal Application Details

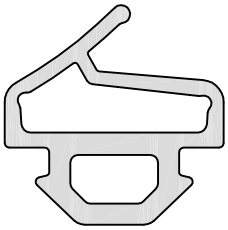
BF037 and BF038 Gaskets into Outer Frame at Section C-C

Square cut flipper seal BF037 and large bubble seal BF038.

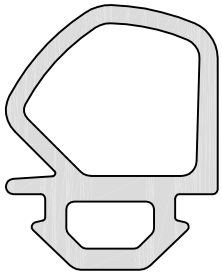
Gaskets must not be stretched and should be cut 1-3% oversize as required to accommodate shrinkage. When oversizing the gasket to accommodate any anticipated potential shrinkage, fabricators should ensure gasket is not installed so that it remains wrinkled. While it is preferable that gaskets be installed too long, rather than too short, excessive wrinkles or distortion should be avoided once the gasket has had an opportunity to settle into its natural state within its final intended environment.

All corners to be bonded to outer frame using HR50328A adhesive/sealant.

Where gaskets are supplied in a bag, the bag should be re-sealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.

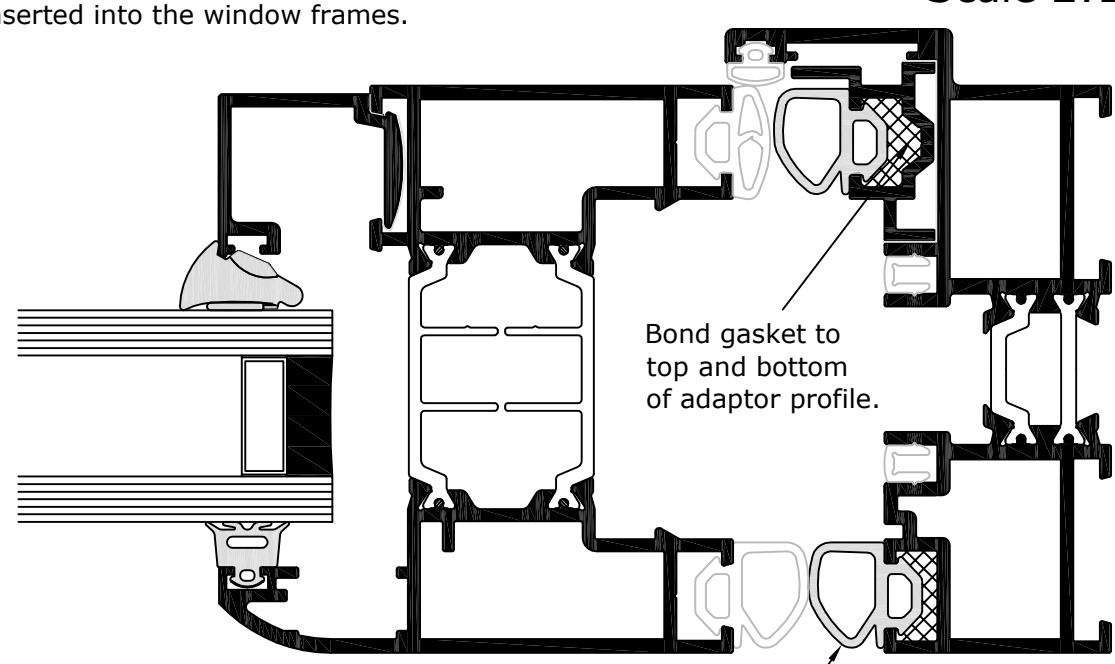


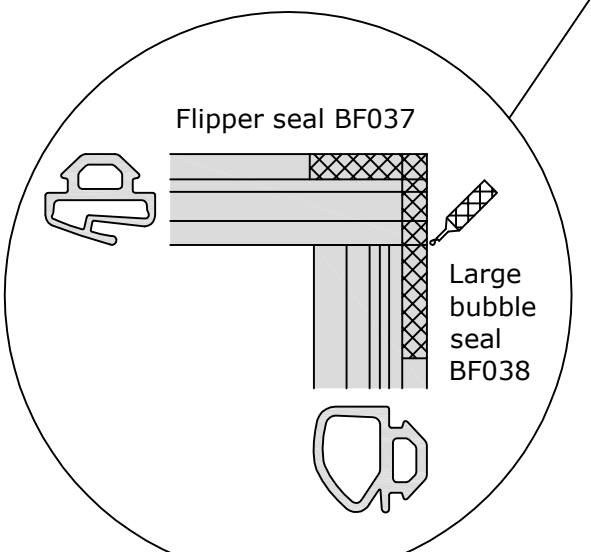
Flipper seal BF037



Large bubble seal BF038

Scale 2:1





HR50328A
adhesive/sealant

Scale 1:1

Weatherseal Application Details

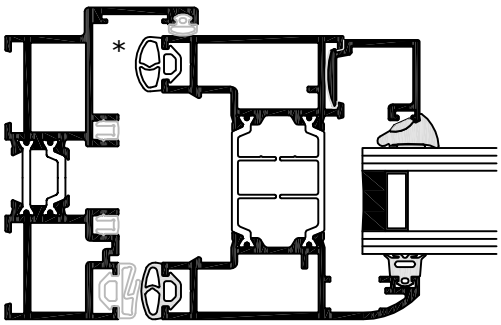
System 26 Hi/Hi+
BI-FOLDING DOOR

BF036 Bubble Seal into Sash at Sections A-A, B-B and C-C

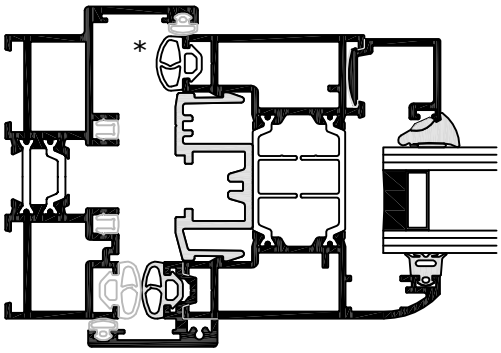
Gaskets should not be stretched and may be cut 1-3% oversize as required to accommodate shrinkage. All corners and joints to be bonded with cyanoacrylate (superglue) adhesive. Where gaskets are supplied in a bag, the bag should be resealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.

*BF036 bubble seal cut square, flush with top and bottom edge of sash, and ends bonded into gasket groove using HR50328A adhesive/sealant on rebate side only.

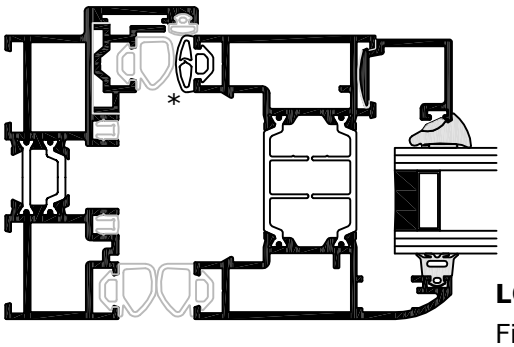
SECTION A-A



SECTION B-B



SECTION C-C



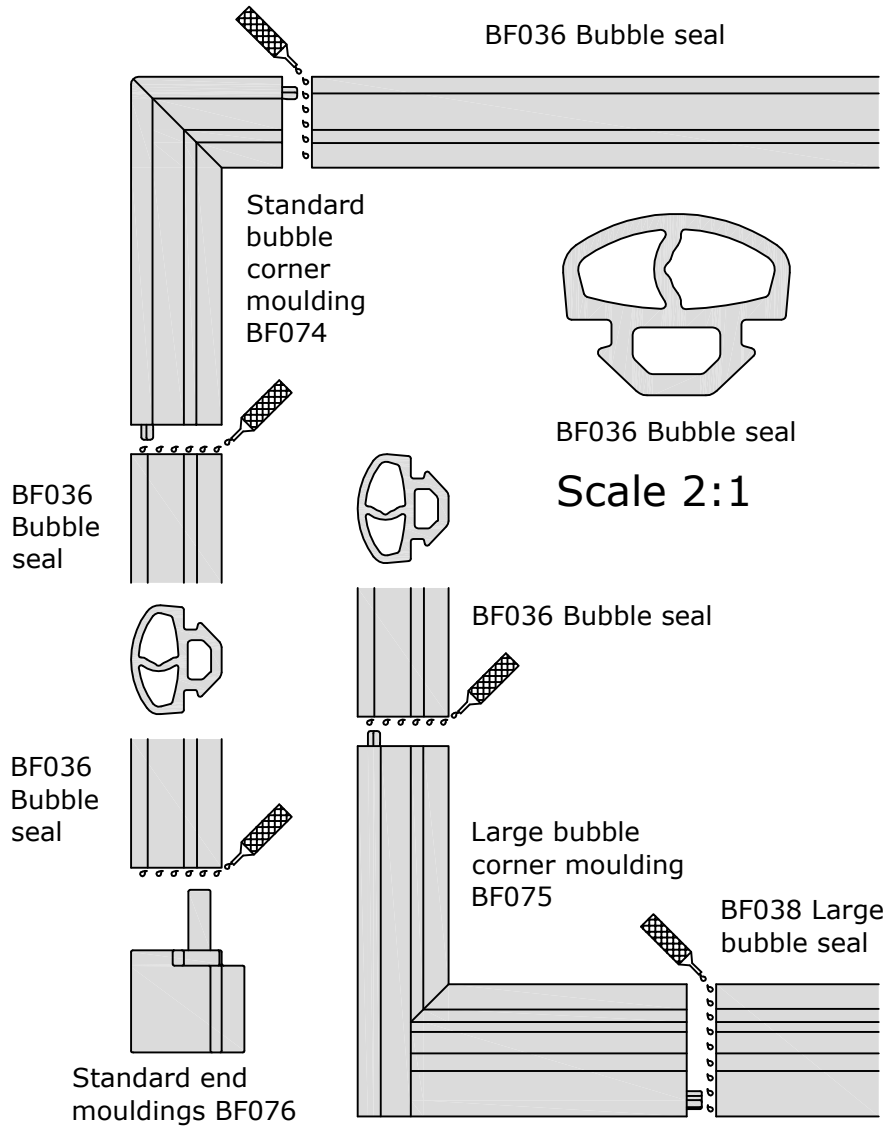
Scale 1:2

Cyanoacrylate (superglue) adhesive

Scale 1:1

REBATED THRESHOLD

Repeat BF074 corner moulding detail at bottom of sash at non-rebated side for rebated threshold applications. Omit BF036 and BF074 seals at head and cill of sash at rebated side of outer frame.



LOW THRESHOLD

Fit standard end mouldings BF076 at bottom of sash for low threshold applications.

LOW THRESHOLD - DOMESTIC

Fit standard end mouldings BF076 at bottom of sash to meet with BF033 brush seal in sash profile.
Fit BF075 large bubble corner moulding at bottom of sash to meet with BF038 large bubble seal.
Section C-C is not compatible with low threshold domestic applications.

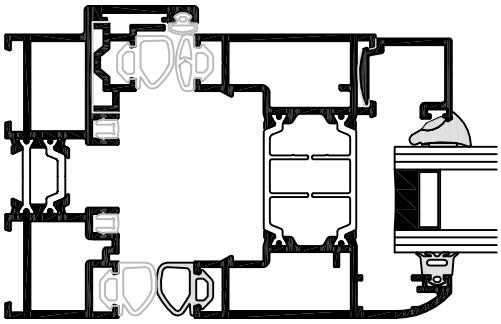
Weatherseal Application Details

System 26 Hi/Hi+
BI-FOLDING DOOR

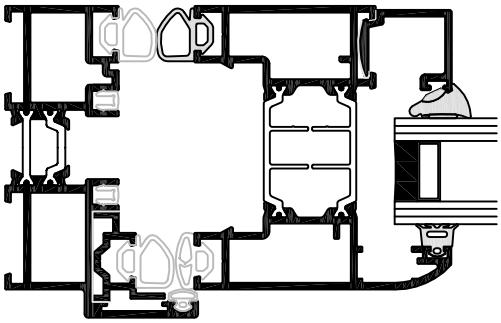
BF038 Large Bubble Seal into Sash at Section C-C

Gaskets should not be stretched and may be cut 1-3% oversize as required to accommodate shrinkage. All corners and joints to be bonded with cyanoacrylate (superglue) adhesive. Where gaskets are supplied in a bag, the bag should be resealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.

OPEN OUT DOOR
SECTION C-C



OPEN IN DOOR
SECTION C-C

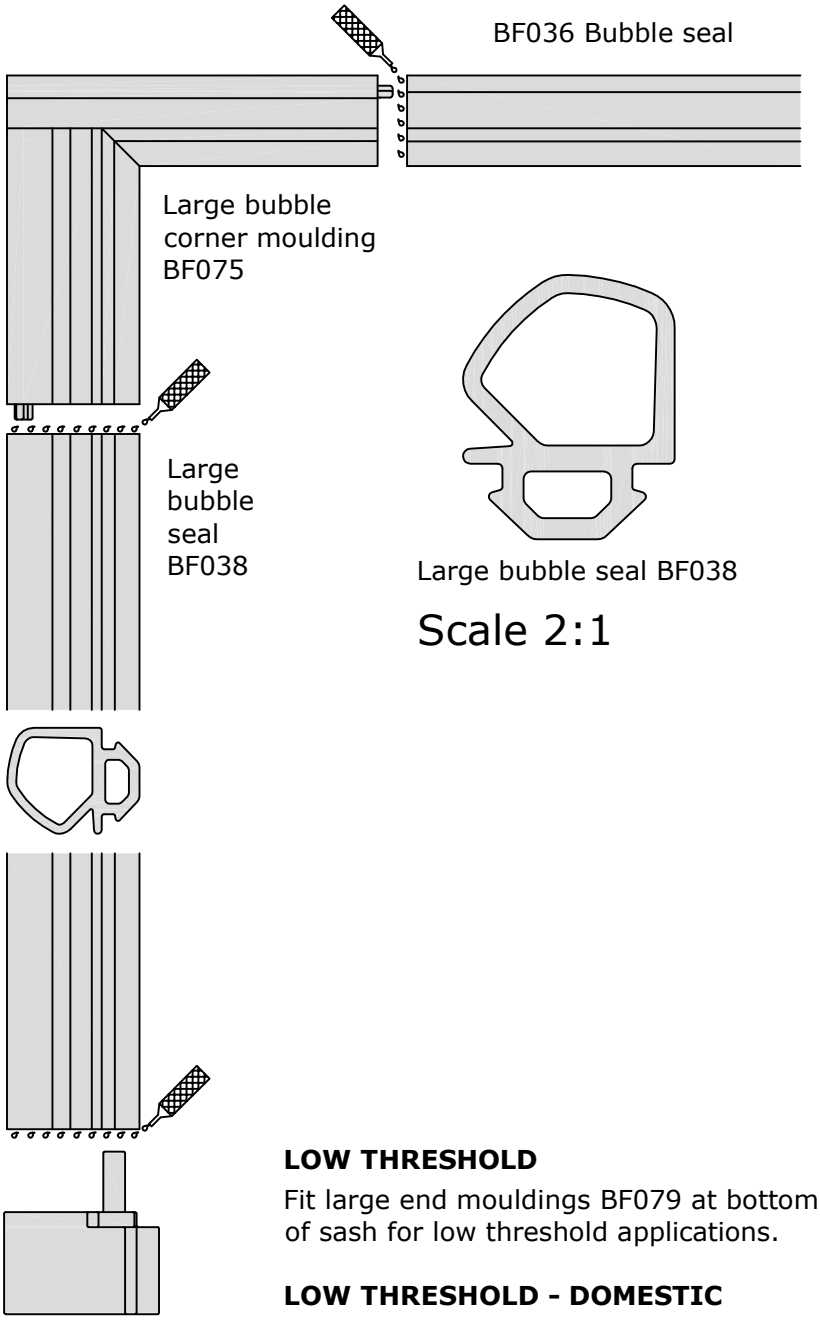


Scale 1:2

Cyanoacrylate (superglue) adhesive

REBATED THRESHOLD

Repeat BF075 corner moulding detail at bottom of sash for rebated threshold applications.



Large bubble seal BF038

Scale 2:1

LOW THRESHOLD

Fit large end mouldings BF079 at bottom of sash for low threshold applications.

LOW THRESHOLD - DOMESTIC

Section C-C is not compatible with low threshold domestic applications.

Scale 1:1

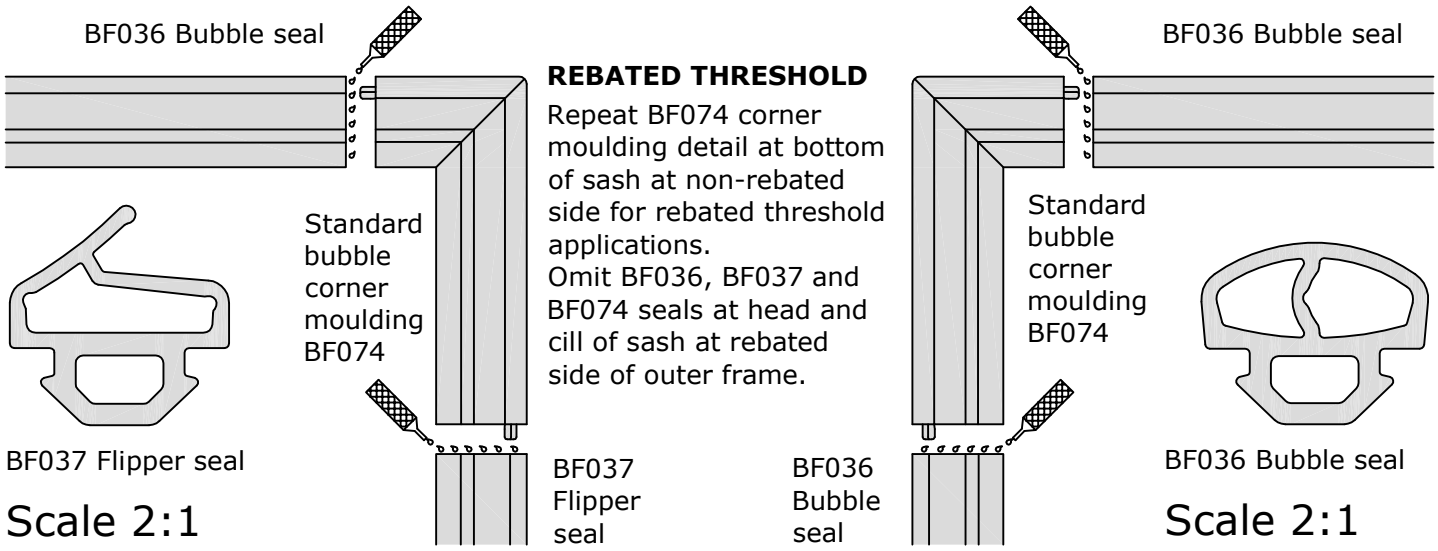
Weatherseal Application Details, Open Out

System 26 Hi/Hi+
BI-FOLDING DOOR

BF036 and BF037 Gaskets into Sash at Sections D1-D1 and D2-D2

Gaskets should not be stretched and may be cut 1-3% oversize as required to accommodate shrinkage. All corners and joints to be bonded with cyanoacrylate (superglue) adhesive. Where gaskets are supplied in a bag, the bag should be resealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.

*BF036 and BF037 seals cut square, flush with top and bottom edge of sash, and ends bonded into gasket groove using HR50328A adhesive/sealant on rebate side only.

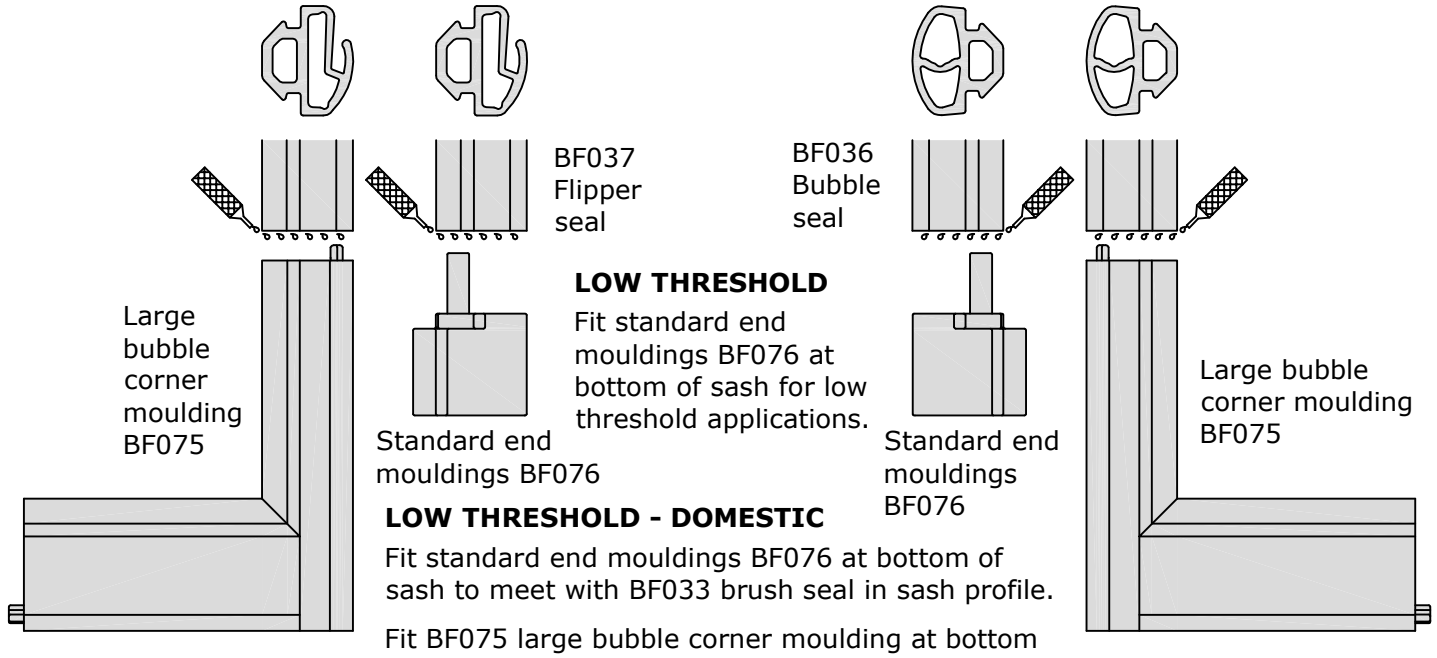


REBATED THRESHOLD

Repeat BF074 corner moulding detail at bottom of sash at non-rebated side for rebated threshold applications.
Omit BF036, BF037 and BF074 seals at head and cill of sash at rebated side of outer frame.

Scale 2:1

Scale 2:1



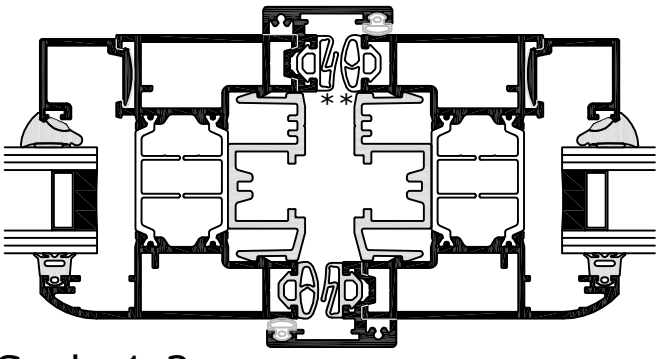
LOW THRESHOLD

Fit standard end mouldings BF076 at bottom of sash for low threshold applications.

LOW THRESHOLD - DOMESTIC

Fit standard end mouldings BF076 at bottom of sash to meet with BF033 brush seal in sash profile.

Fit BF075 large bubble corner moulding at bottom of sash to meet with BF038 large bubble seal.



Cyanoacrylate (superglue) adhesive

Scale 1:2

Scale 1:1

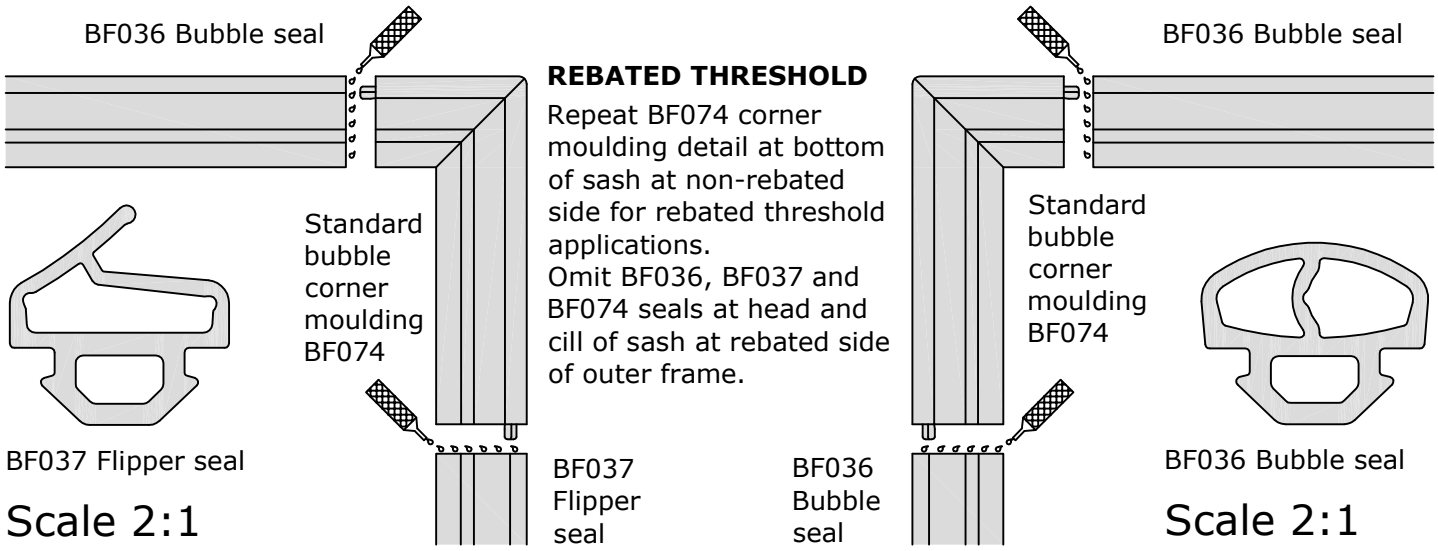
Weatherseal Application Details, Open In

System 26 Hi/Hi+
BI-FOLDING DOOR

BF036 and BF037 Gaskets into Sash at Sections D1-D1 and D2-D2

Gaskets should not be stretched and may be cut 1-3% oversize as required to accommodate shrinkage. All corners and joints to be bonded with cyanoacrylate (superglue) adhesive. Where gaskets are supplied in a bag, the bag should be resealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.

*BF036 and BF037 seals cut square, flush with top and bottom edge of sash, and ends bonded into gasket groove using HR50328A adhesive/sealant on rebate side only.

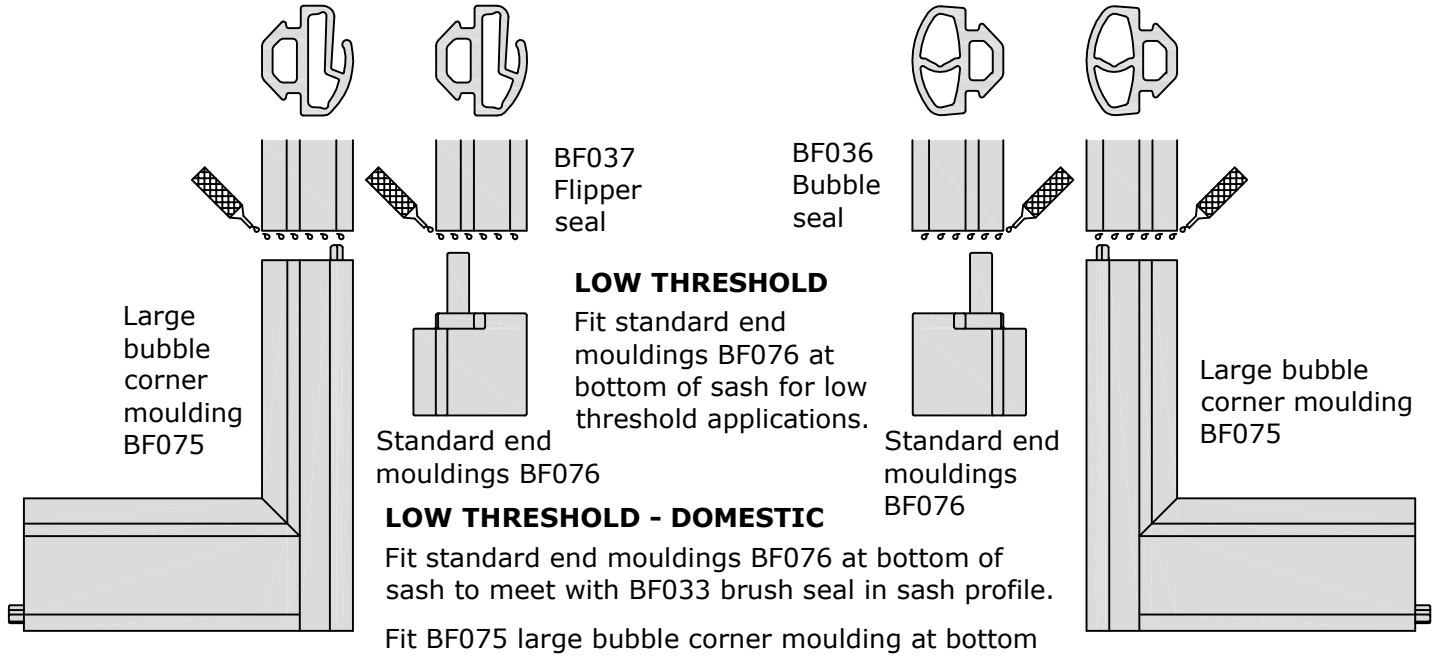


REBATED THRESHOLD

Repeat BF074 corner moulding detail at bottom of sash at non-rebated side for rebated threshold applications.
Omit BF036, BF037 and BF074 seals at head and cill of sash at rebated side of outer frame.

Scale 2:1

Scale 2:1



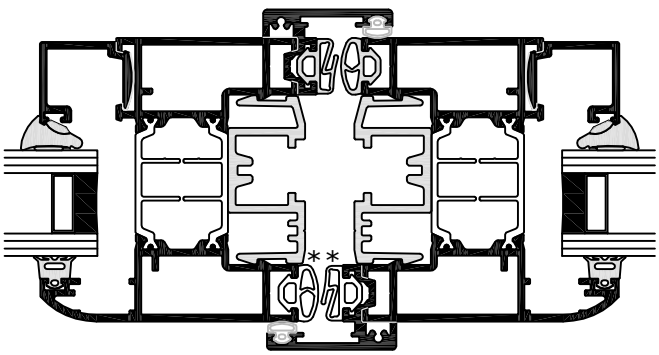
LOW THRESHOLD

Fit standard end mouldings BF076 at bottom of sash for low threshold applications.

LOW THRESHOLD - DOMESTIC

Fit standard end mouldings BF076 at bottom of sash to meet with BF033 brush seal in sash profile.

Fit BF075 large bubble corner moulding at bottom of sash to meet with BF038 large bubble seal.



Cyanoacrylate (superglue) adhesive

Scale 1:2

Scale 1:1

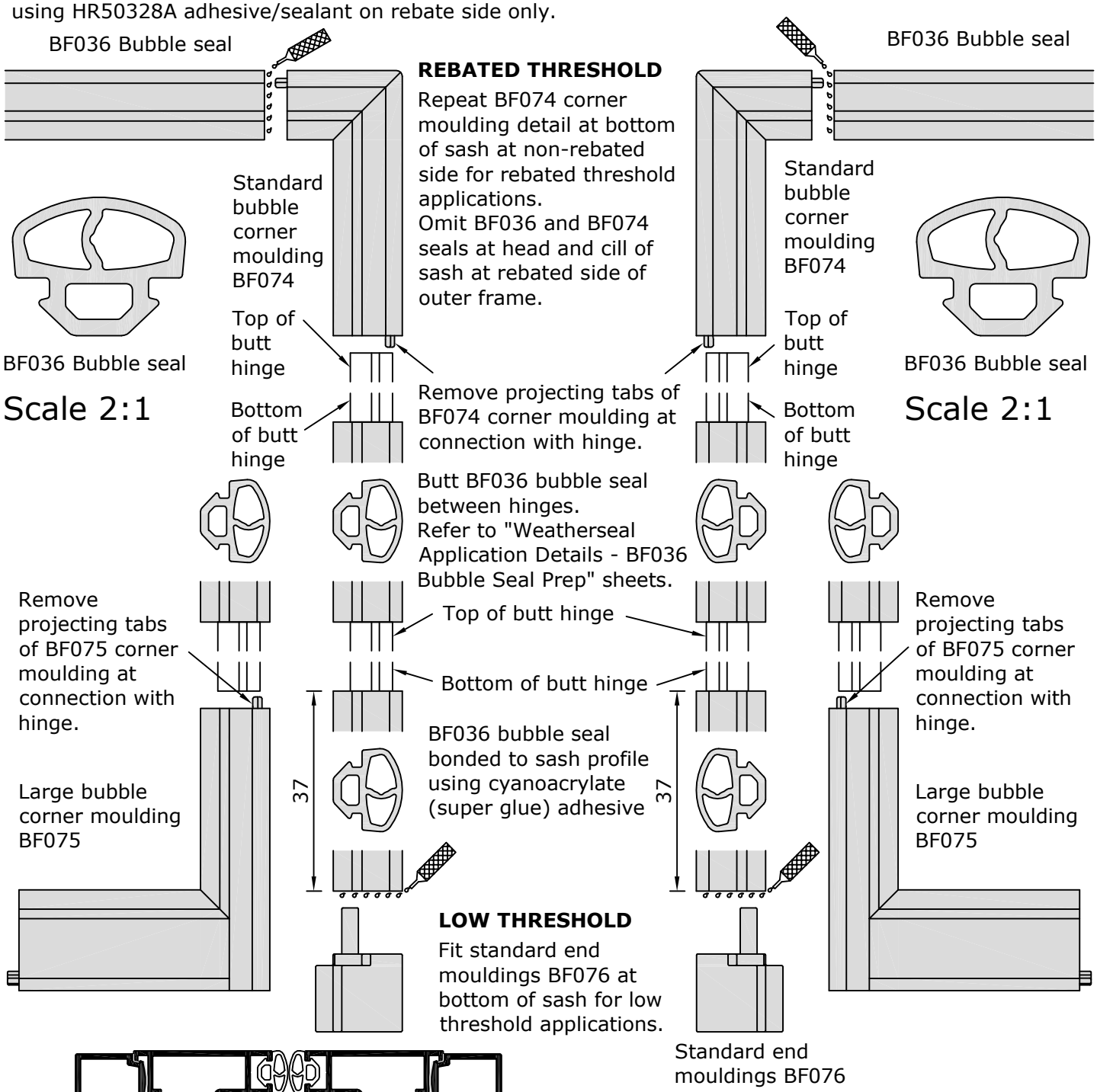
Weatherseal Application Details, Open Out

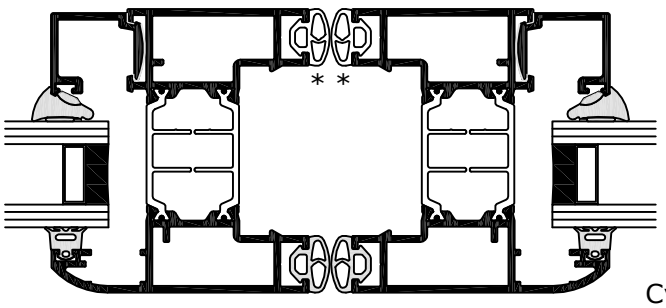
System 26 Hi/Hi+
BI-FOLDING DOOR

BF036 Bubble Seal into Sash at Section E1-E1

Gaskets should not be stretched and may be cut 1-3% oversize as required to accommodate shrinkage. All corners and joints to be bonded with cyanoacrylate (superglue) adhesive. Where gaskets are supplied in a bag, the bag should be resealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.

*BF036 bubble seal cut square, flush with top and bottom edge of sash, and ends bonded into gasket groove using HR50328A adhesive/sealant on rebate side only.





Scale 1:2

Scale 1:1

Cyanoacrylate (superglue) adhesive

LOW THRESHOLD - DOMESTIC

Fit standard end mouldings BF076 at bottom of sash to meet with BF033 brush seal in sash profile.

Fit BF075 large bubble corner moulding at bottom of sash to meet with BF038 large bubble seal.

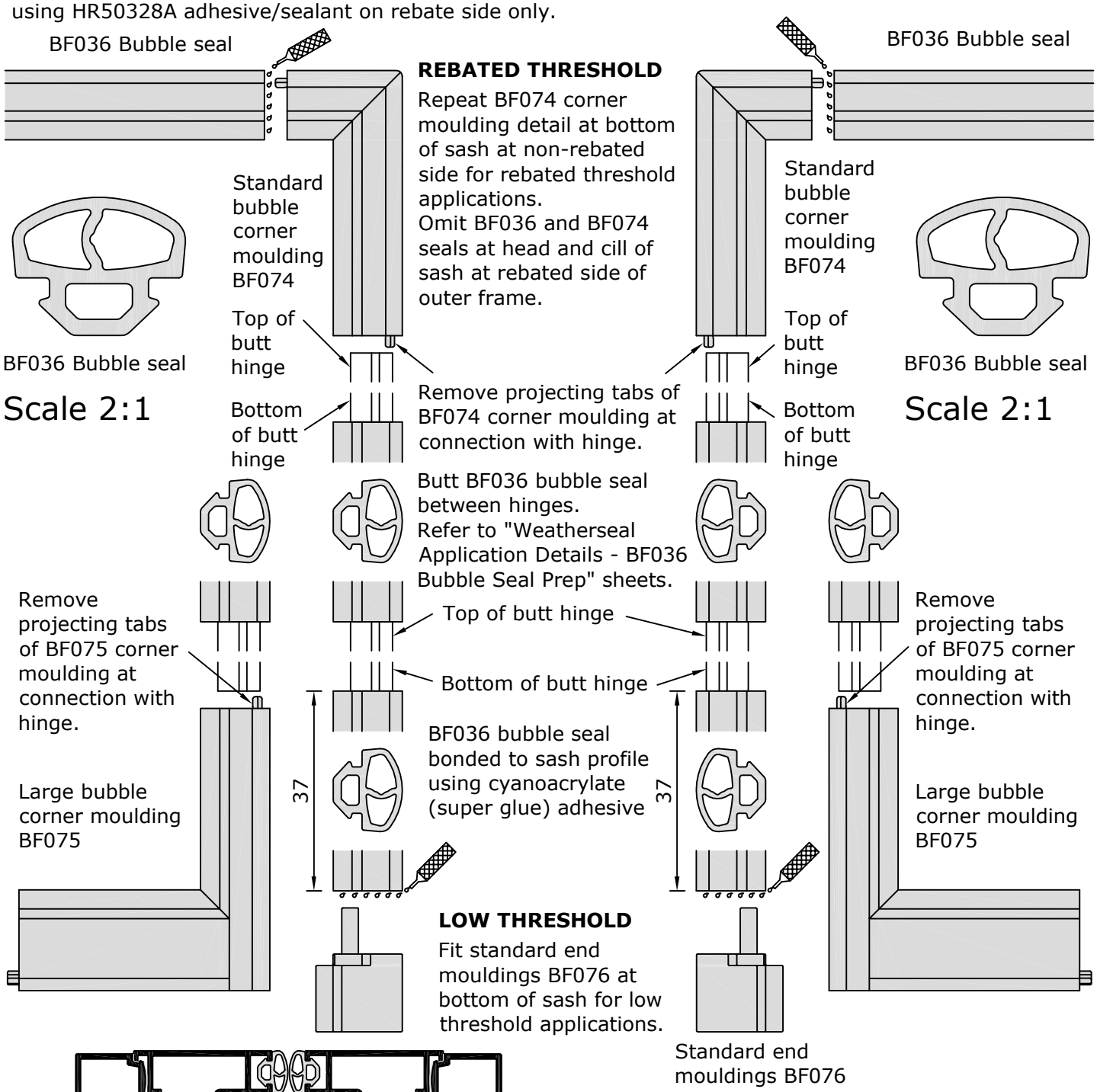
Weatherseal Application Details, Open In

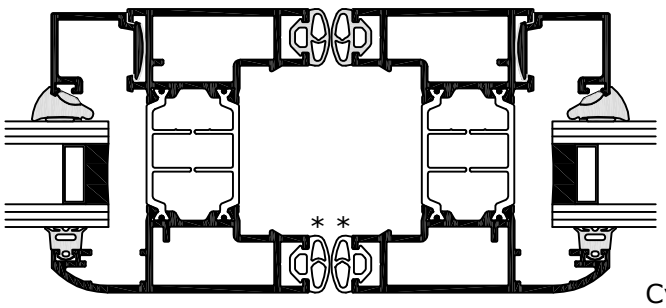
System 26 Hi/Hi+
BI-FOLDING DOOR

BF036 Bubble Seal into Sash at Section E1-E1

Gaskets should not be stretched and may be cut 1-3% oversize as required to accommodate shrinkage. All corners and joints to be bonded with cyanoacrylate (superglue) adhesive. Where gaskets are supplied in a bag, the bag should be resealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.

*BF036 bubble seal cut square, flush with top and bottom edge of sash, and ends bonded into gasket groove using HR50328A adhesive/sealant on rebate side only.





Scale 1:2

Scale 1:1

LOW THRESHOLD - DOMESTIC

Fit standard end mouldings BF076 at bottom of sash to meet with BF033 brush seal in sash profile.

Fit BF075 large bubble corner moulding at bottom of sash to meet with BF038 large bubble seal.

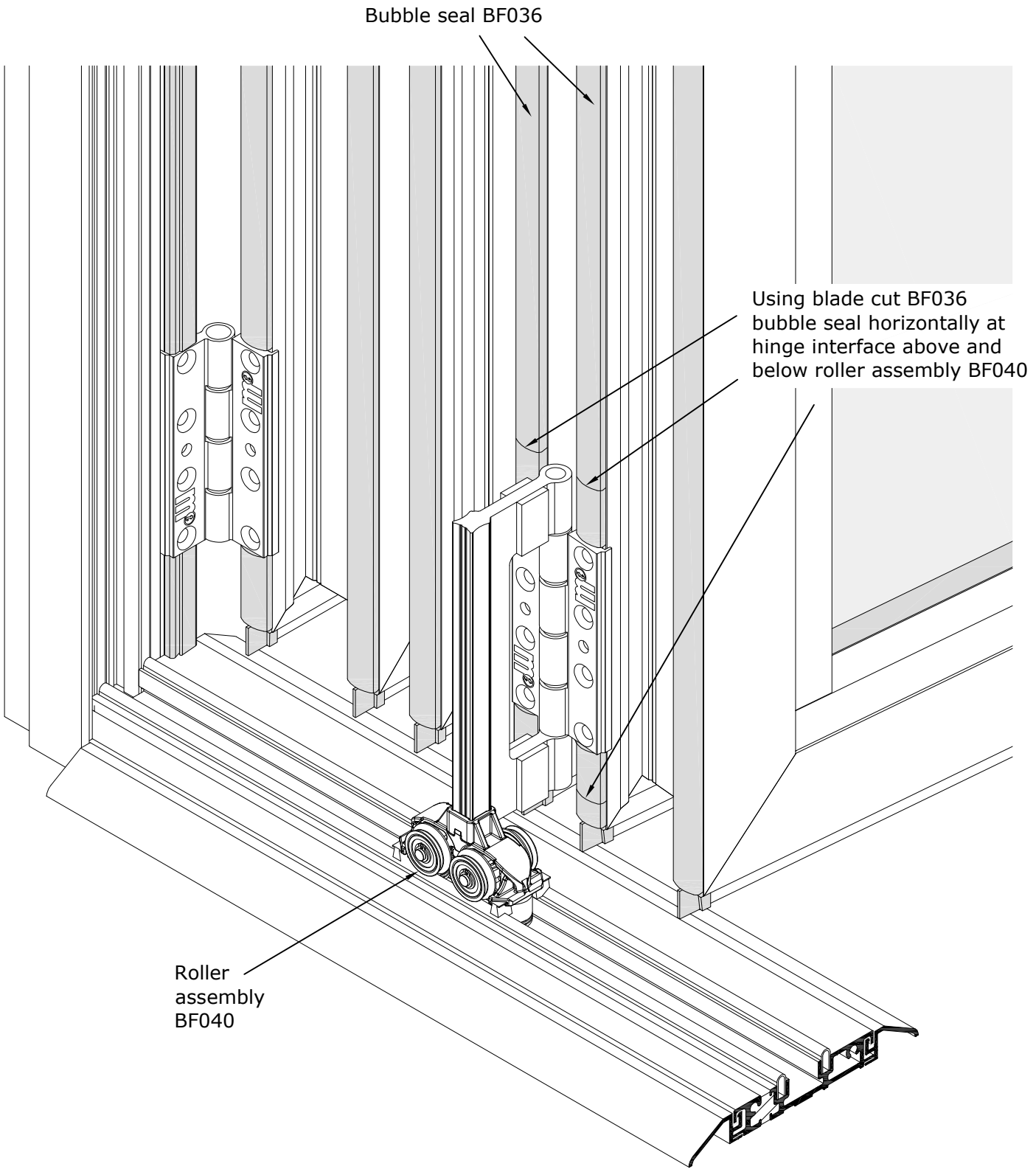
Cyanoacrylate (superglue) adhesive

Weatherseal Application Details

BF036 Bubble Seal Prep

System 26 Hi/Hi+

BI-FOLDING DOOR



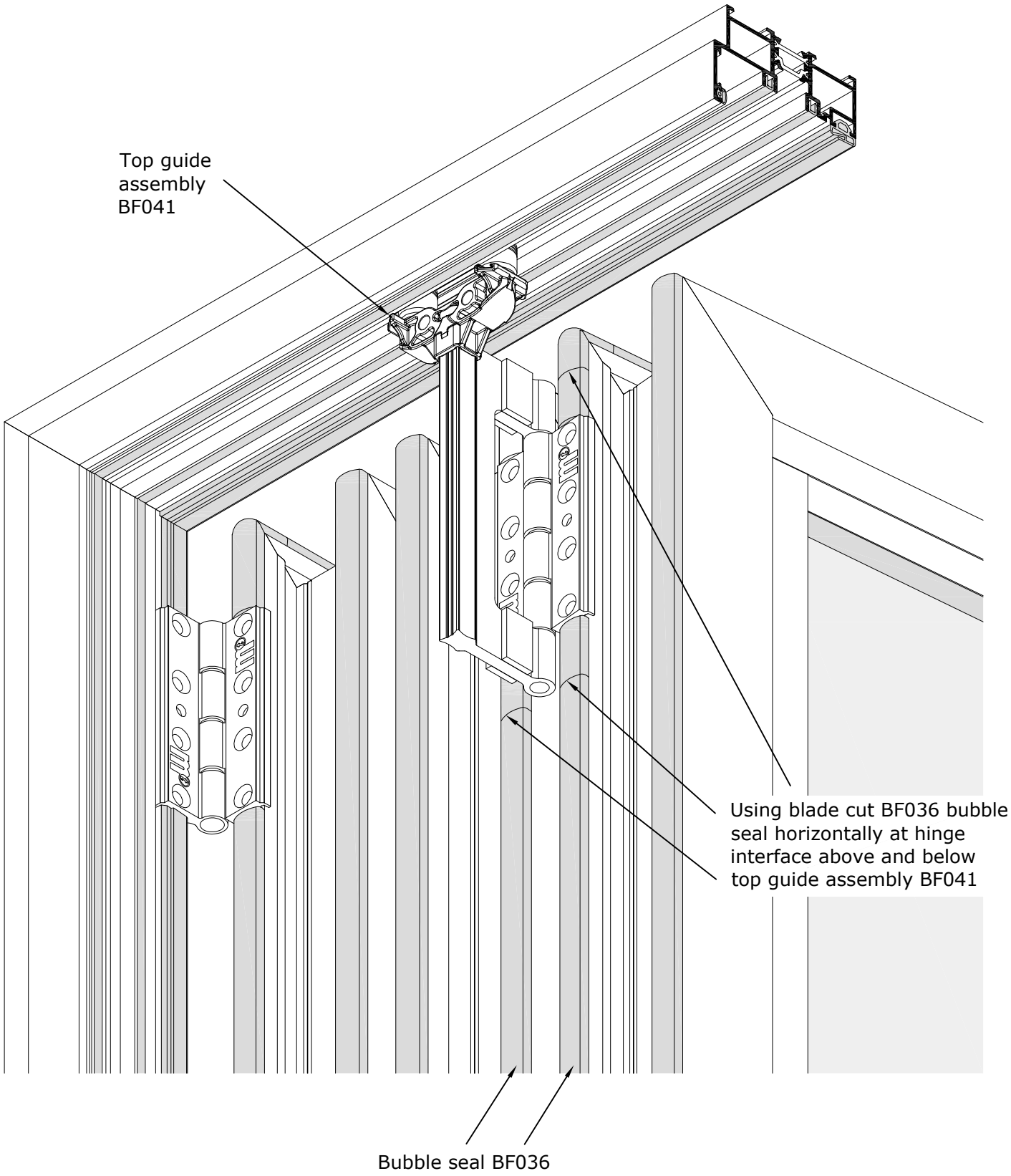
Not to Scale

Weatherseal Application Details

BF036 Bubble Seal Prep

System 26 Hi/Hi+

BI-FOLDING DOOR



Repeat BF036 bubble seal prep at bottom of sash for rebated threshold applications, by cutting BF036 bubble seal horizontally at hinge interface above and below roller assembly BF040.

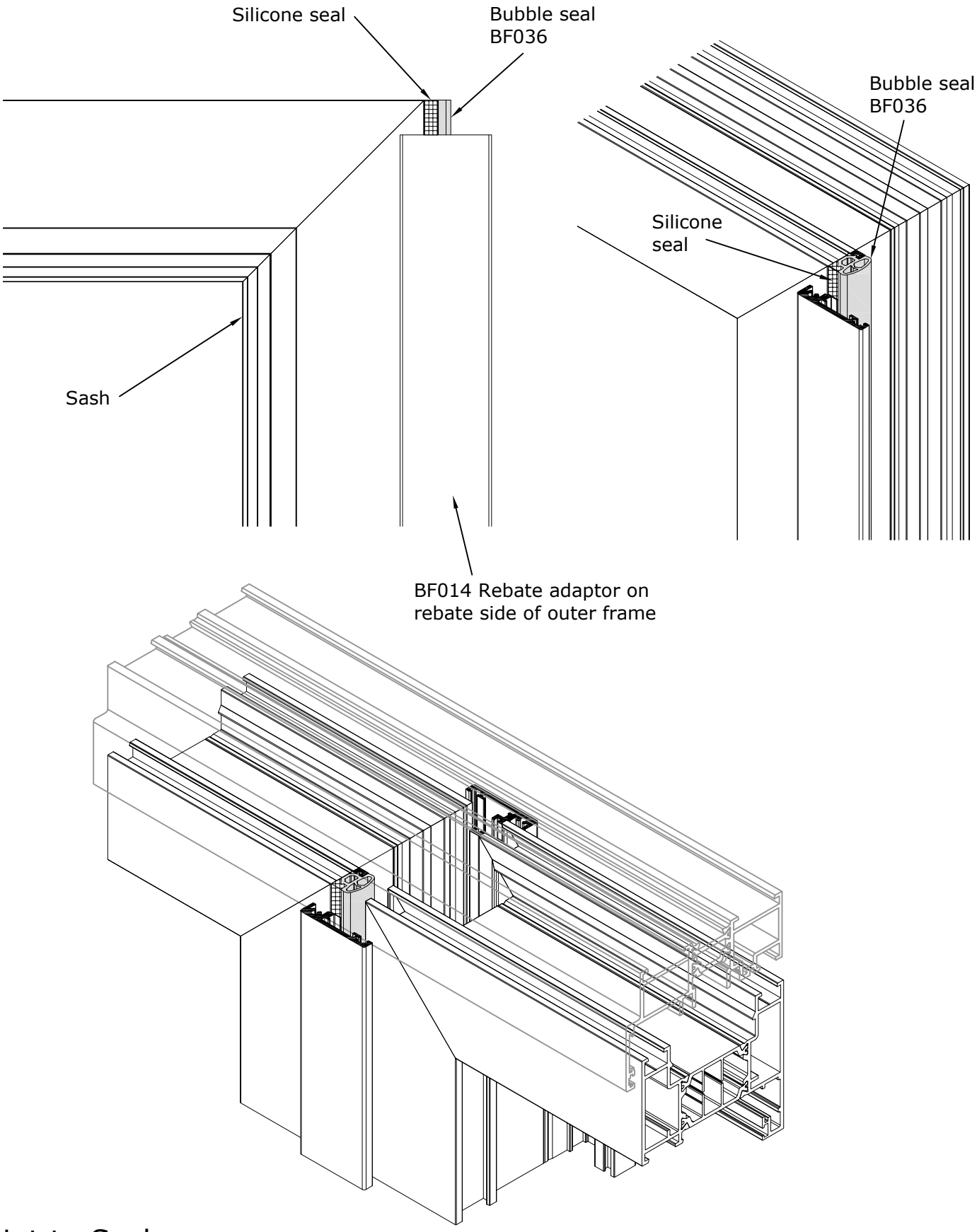
Not to Scale

Weatherseal Application Details

System 26 Hi/Hi+
BI-FOLDING DOOR

BF036 Sealing Detail at BF014 Rebate Adaptor at Rebated Side of Outer Frame

Repeat detail at bottom of sash for rebated threshold applications.



Not to Scale

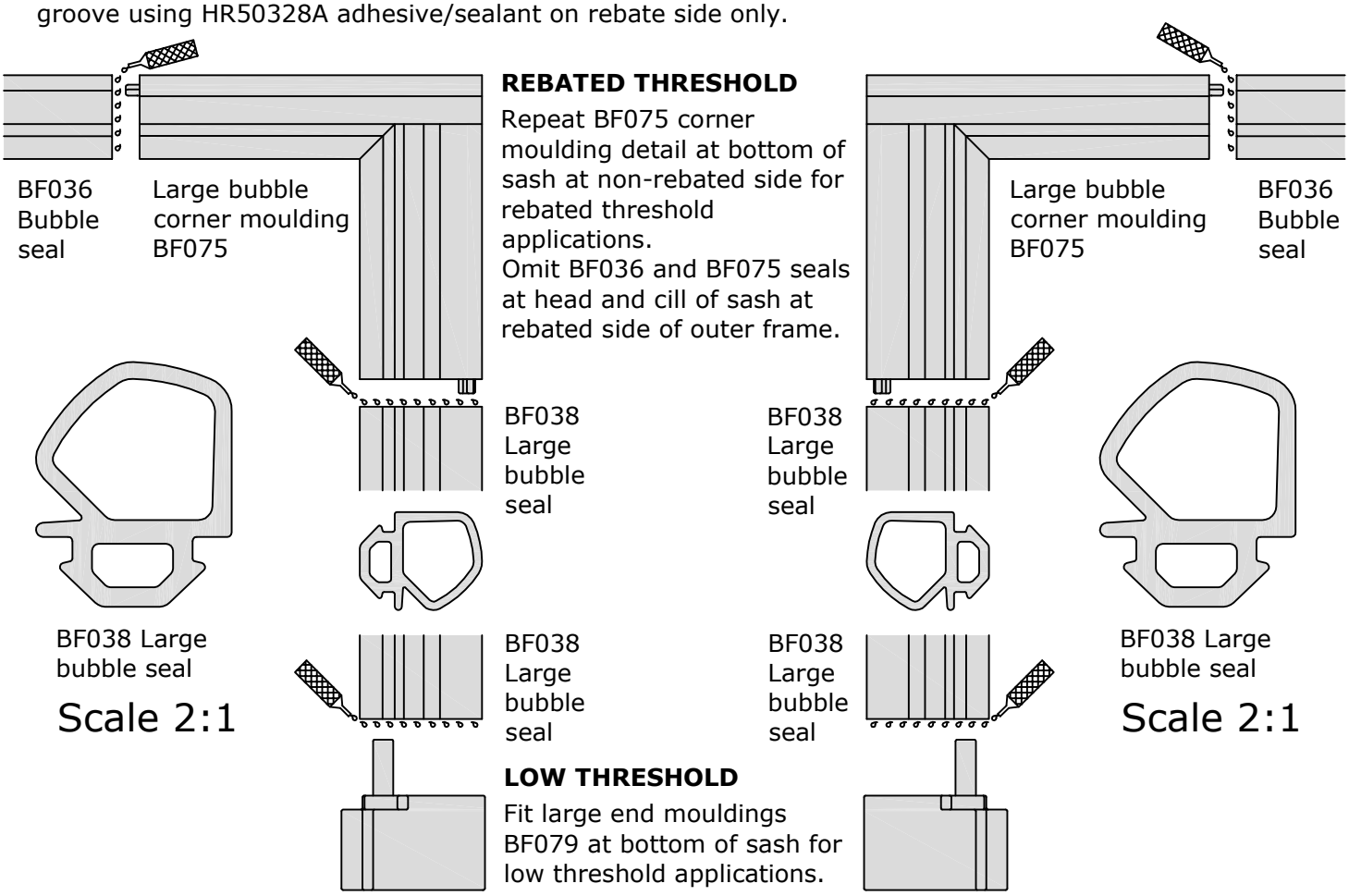
Weatherseal Application Details, Open Out

System 26 Hi/Hi+
BI-FOLDING DOOR

BF038 Large Bubble Seal into Sash at Section F-F

Gaskets should not be stretched and may be cut 1-3% oversize as required to accommodate shrinkage. All corners and joints to be bonded with cyanoacrylate (superglue) adhesive. Where gaskets are supplied in a bag, the bag should be resealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.

*BF038 large bubble seal cut square, flush with top and bottom edge of sash, and ends bonded into gasket groove using HR50328A adhesive/sealant on rebate side only.



REBATED THRESHOLD

Repeat BF075 corner moulding detail at bottom of sash at non-rebated side for rebated threshold applications.
Omit BF036 and BF075 seals at head and cill of sash at rebated side of outer frame.

Scale 2:1

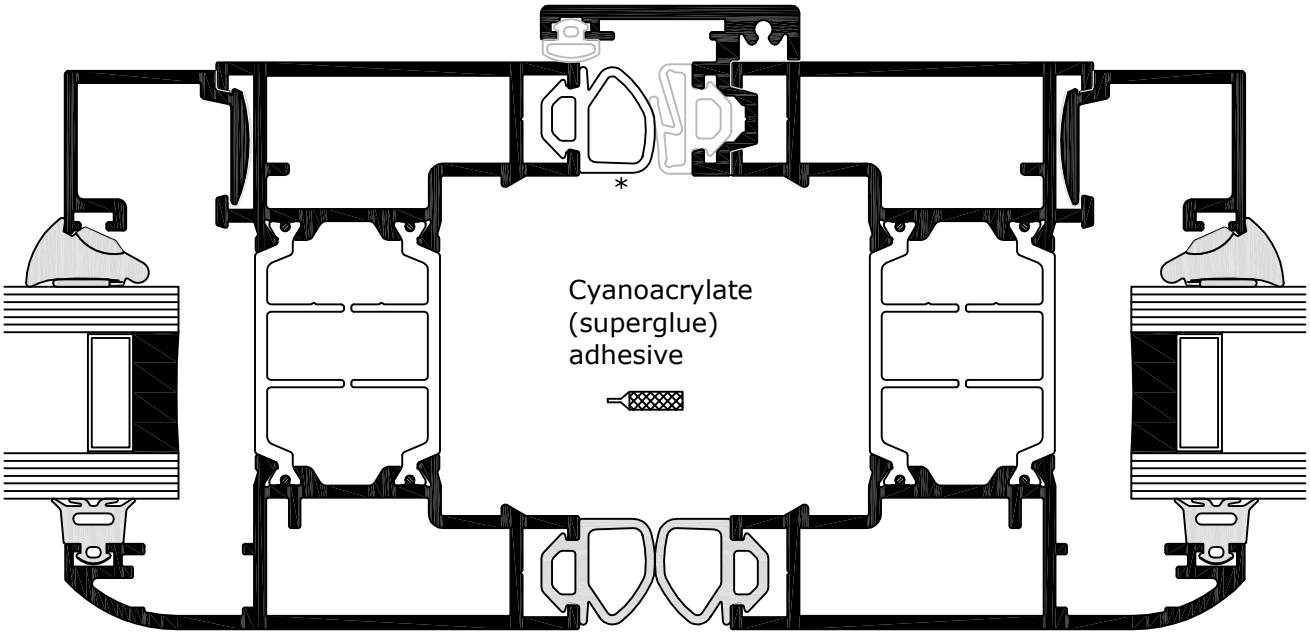
Scale 2:1

LOW THRESHOLD

Fit large end mouldings BF079 at bottom of sash for low threshold applications.

LOW THRESHOLD - DOMESTIC

Section F-F is not compatible with low threshold domestic applications.



Scale 1:1

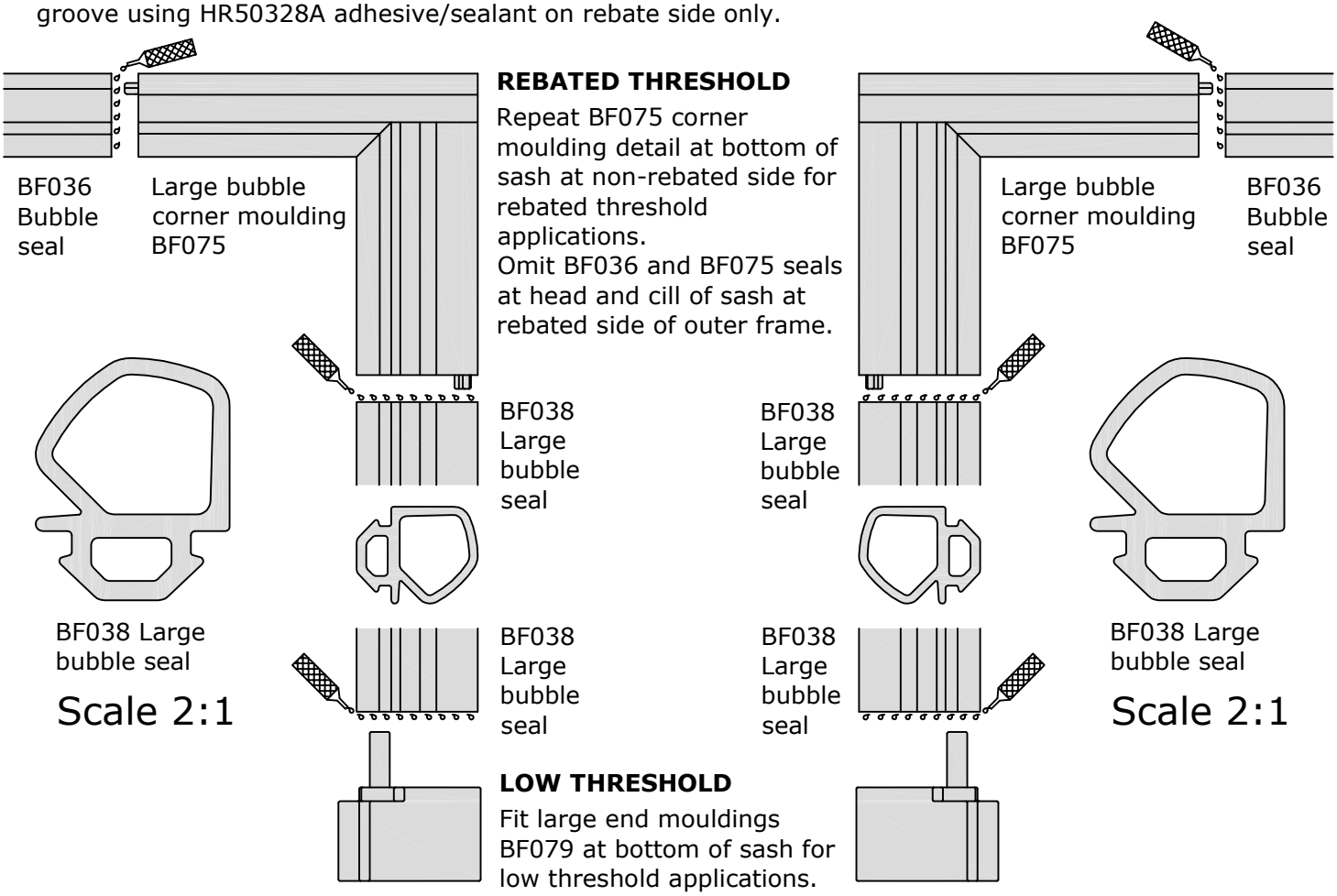
Weatherseal Application Details, Open In

System 26 Hi/Hi+
BI-FOLDING DOOR

BF038 Large Bubble Seal into Sash at Section F-F

Gaskets should not be stretched and may be cut 1-3% oversize as required to accommodate shrinkage. All corners and joints to be bonded with cyanoacrylate (superglue) adhesive. Where gaskets are supplied in a bag, the bag should be resealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.

*BF038 large bubble seal cut square, flush with top and bottom edge of sash, and ends bonded into gasket groove using HR50328A adhesive/sealant on rebate side only.



Scale 2:1

Scale 2:1

REBATED THRESHOLD

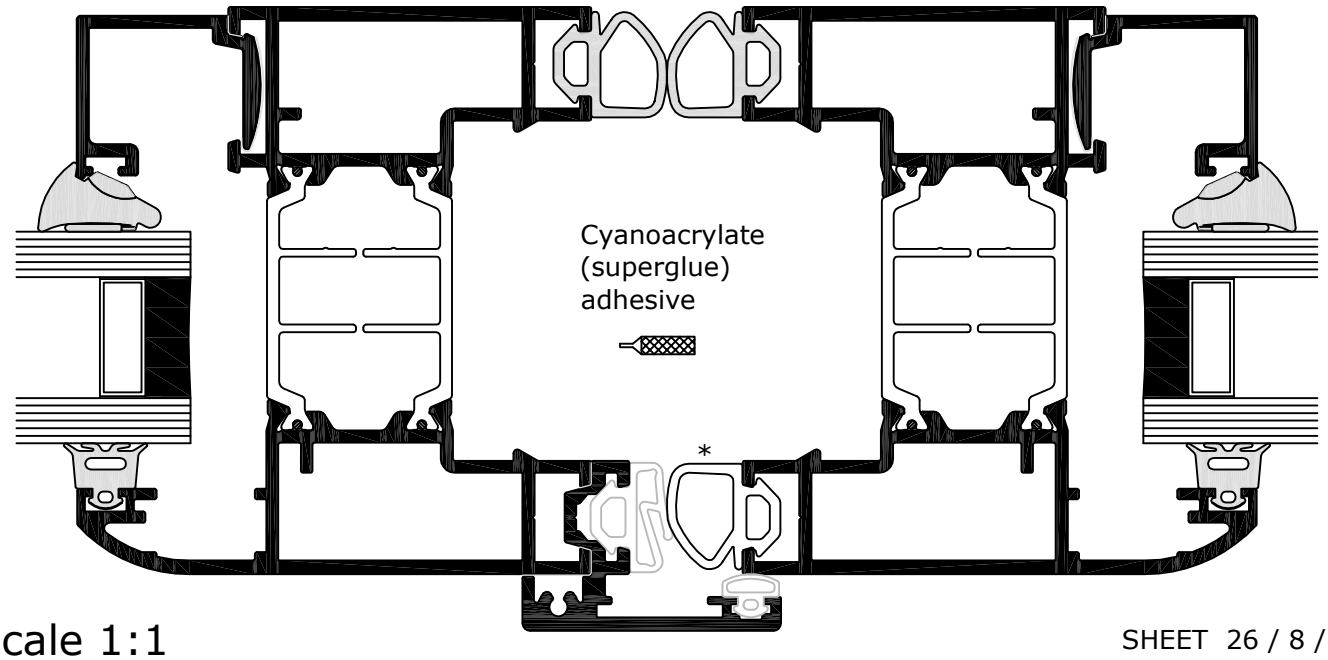
Repeat BF075 corner moulding detail at bottom of sash at non-rebated side for rebated threshold applications.
Omit BF036 and BF075 seals at head and cill of sash at rebated side of outer frame.

LOW THRESHOLD

Fit large end mouldings BF079 at bottom of sash for low threshold applications.

LOW THRESHOLD - DOMESTIC

Section F-F is not compatible with low threshold domestic applications.



Scale 1:1

Weatherseal Application Details

Gasket CA25A, 6080, 6081 (Outside)
Wedge 066, BF109, CA27, PTT36 (Inside)

System 26 Hi/Hi+

BI-FOLDING DOOR

Cut CA25A, 6080 or 6081 gasket into four individual lengths with mitred corners and fit into section grooves. Factory bond gasket corners using cyanoacrylate (superglue) adhesive.

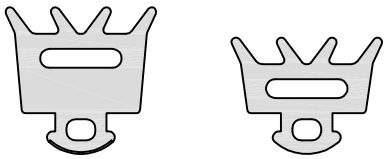
Metal Technology recommend installers apply HR50328A sealant to the mating surface of the retained gasket with the glass, at the mitred corners, on site immediately prior to offering up the glazing unit.

After locating glass and inserting bead, cut wedge gasket into four individual lengths and push fit between profile and glazing unit. Corners and joints to be sealed using HR50328A sealant as indicated.

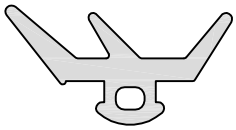
Gaskets must not be stretched and should be cut 1-3% oversize as required to accommodate shrinkage. When oversizing the gasket to accommodate any anticipated potential shrinkage, fabricators should ensure gasket is not installed so that it remains wrinkled. While it is preferable that gaskets be installed too long, rather than too short, excessive wrinkles or distortion should be avoided once the gasket has had an opportunity to settle into its natural state within its final intended environment.

Where gaskets are supplied in a bag, the bag should be resealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.

Gasket CA25A, 6080 or 6081 (Outside)

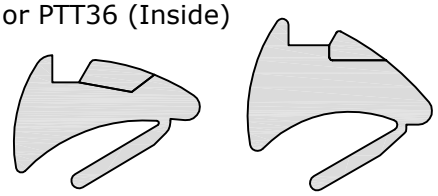


Gasket 6080 | Gasket 6081

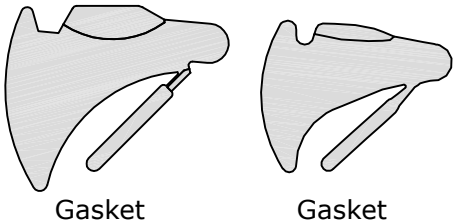


Gasket CA25A

Wedge gasket 066, BF109, CA27 or PTT36 (Inside)

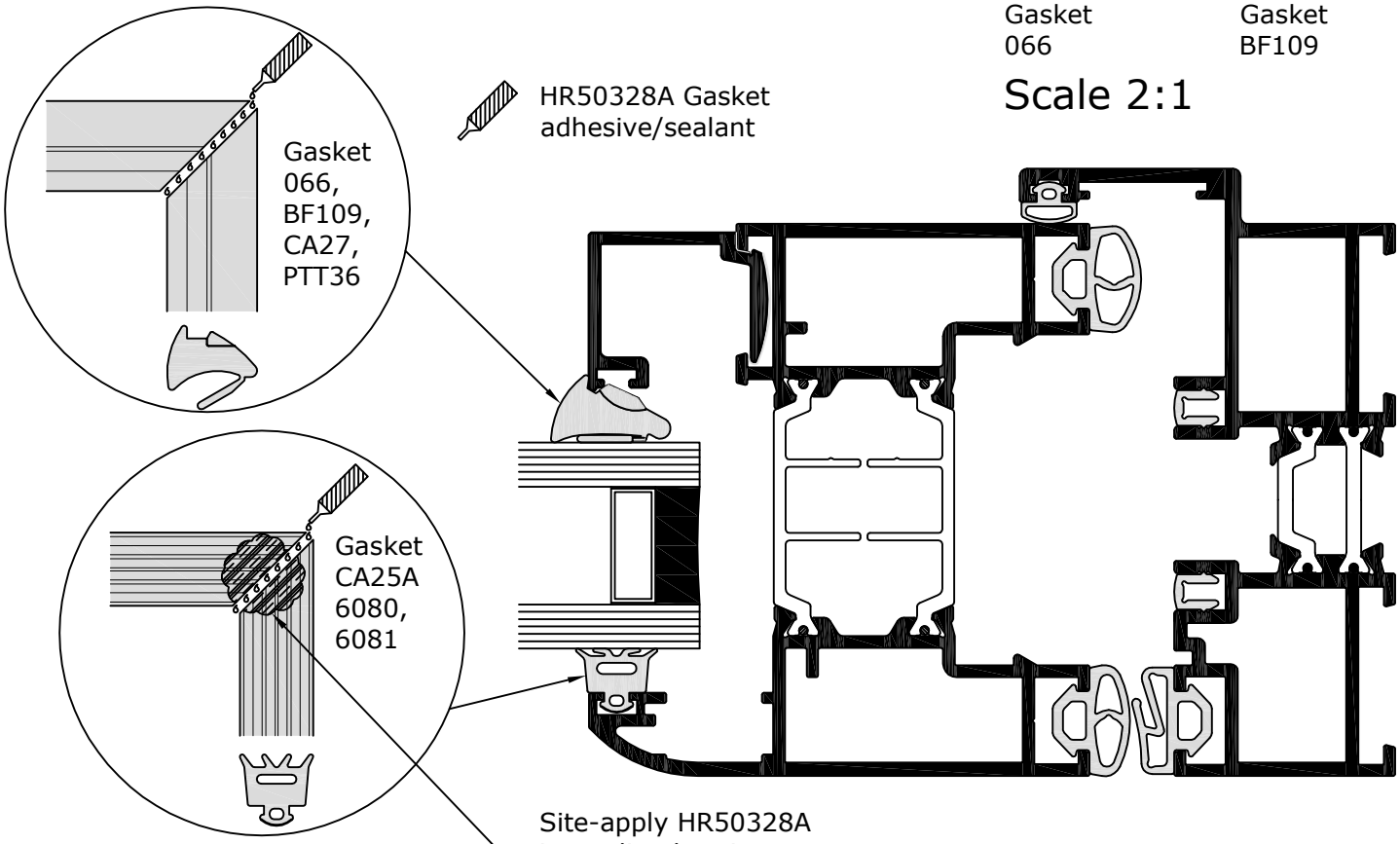


Gasket PTT36 | Gasket CA27



Gasket 066 | Gasket BF109

Scale 2:1



Scale 1:1

Frame Perimeter Foam Application Details

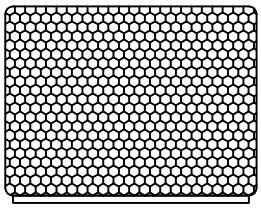
System 26 Hi+
BI-FOLDING DOOR

BF053 Frame Perimeter Foam into Outer Frame at Sections A-A, B-B and C-C

BF053 frame perimeter foam to be fitted at jambs only.

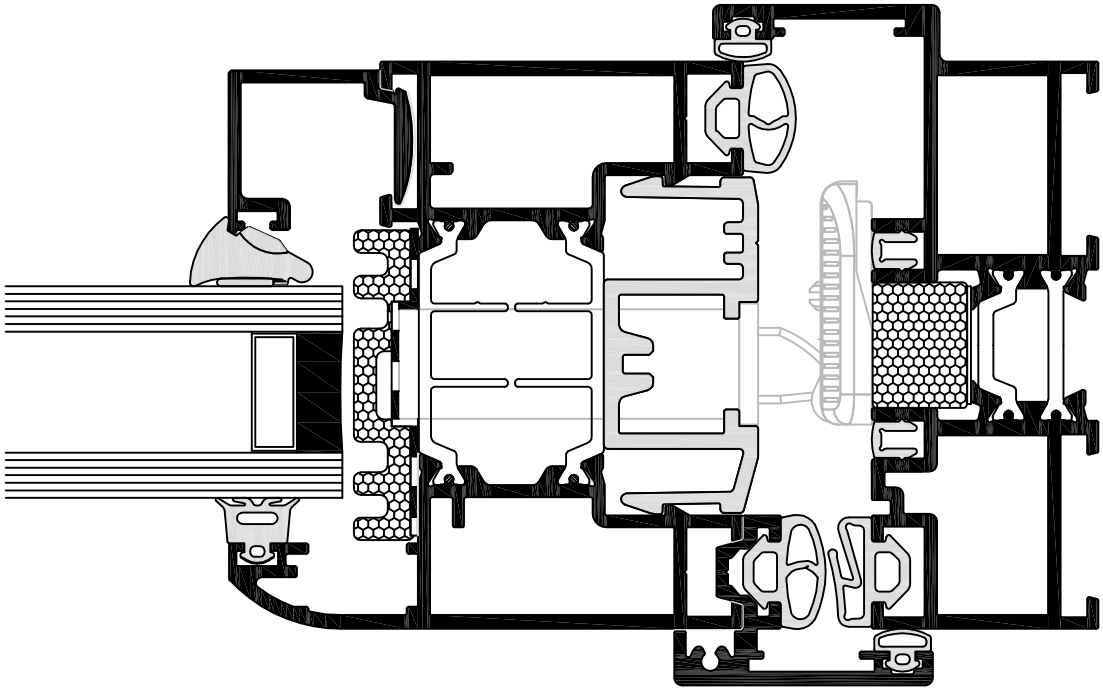
Push fit frame perimeter foam into outer frame. Where lock keeps are fitted at jamb, frame perimeter foam BF053 is applied between lock keeps after they have been adjusted and fixed in position.

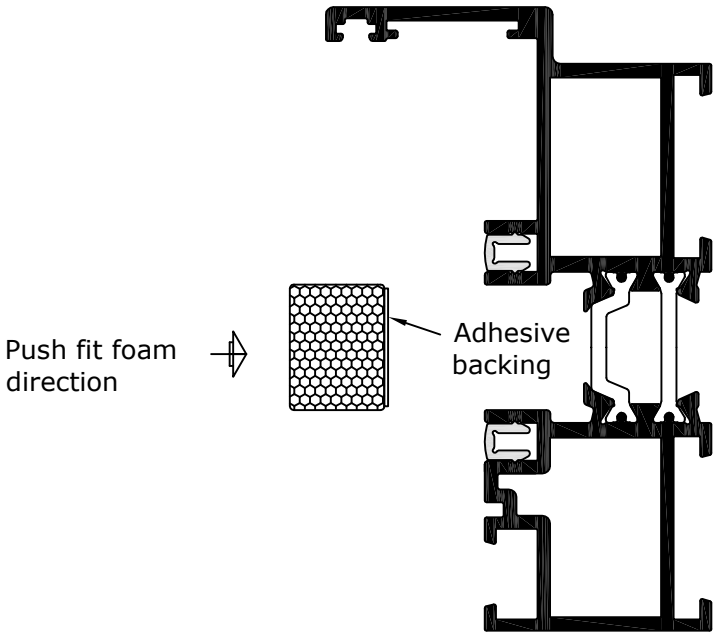
Thermal foams should be protected from exposure to UV light during storage and must be kept in a clean, dry and dust free environment at between 5° and 35°C. Fabricators should minimise exposure period of the foams to the elements and provide additional on-site protection to prevent depositing of builders debris.



Frame perimeter foam BF053

Scale 2:1





Scale 1:1

Thermal Gasket Application Details

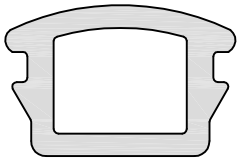
6076 Thermal Gasket into Sash at Sections D1-D1 and D2-D2

System 26 Hi+
BI-FOLDING DOOR

In Hi+ applications, push fit gasket into groove in pvc liner BF030. Gasket to be omitted at lock keep locations. Measure distance between keeps and add 6mm to allow gasket to extend below keep end caps.

Gasket should not be stretched and may be cut 1-3% oversize as required to accommodate shrinkage.

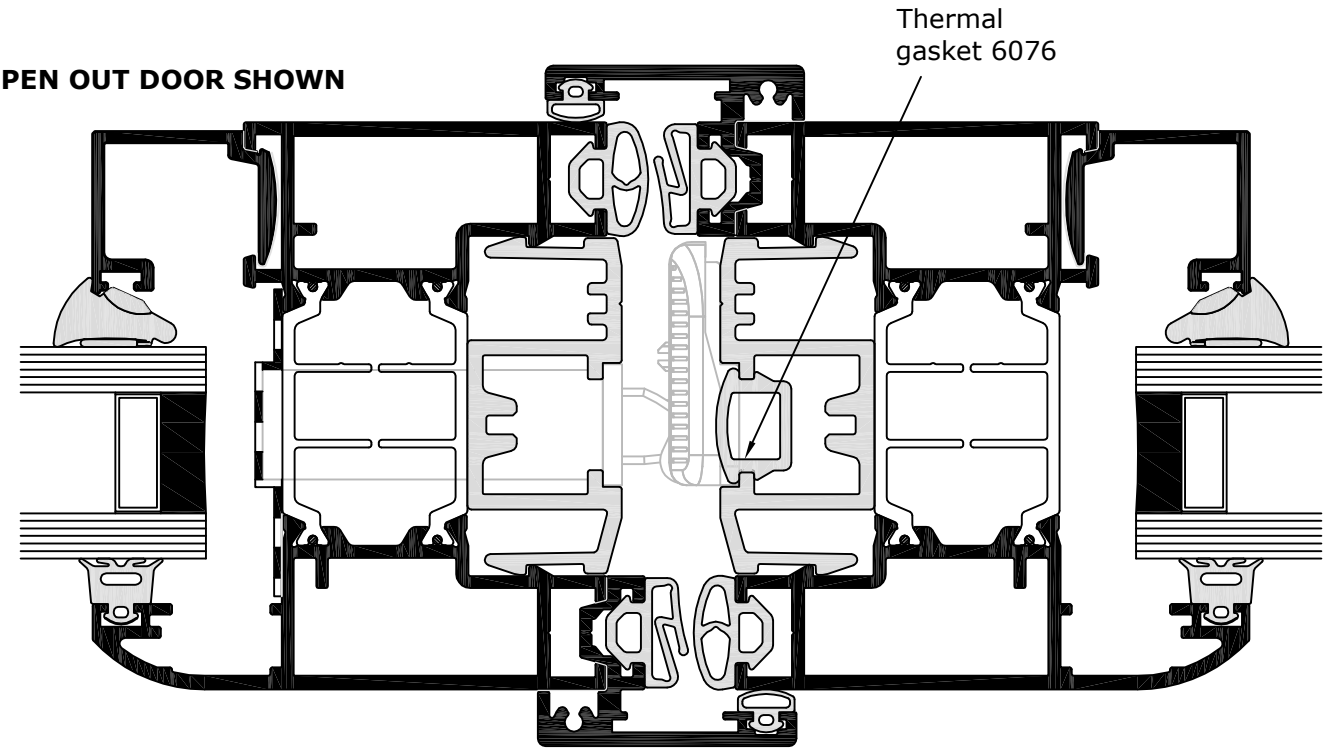
Where gaskets are supplied in a bag, the bag should be resealed to prevent drying out. Should gaskets become dry and difficult to apply, they can be re-lubricated using 7400 silicone spray as they are inserted into the window frames.



Thermal gasket 6076

Scale 2:1

OPEN OUT DOOR SHOWN

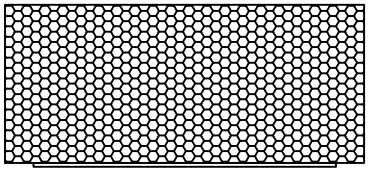


Scale 1:1

Sash Perimeter Foam Application Details

System 26 Hi+
BI-FOLDING DOOR

BF034 Sash Perimeter Foam into Sash at Sections A-A, C-C, E1-E1, E2-E2 and F-F



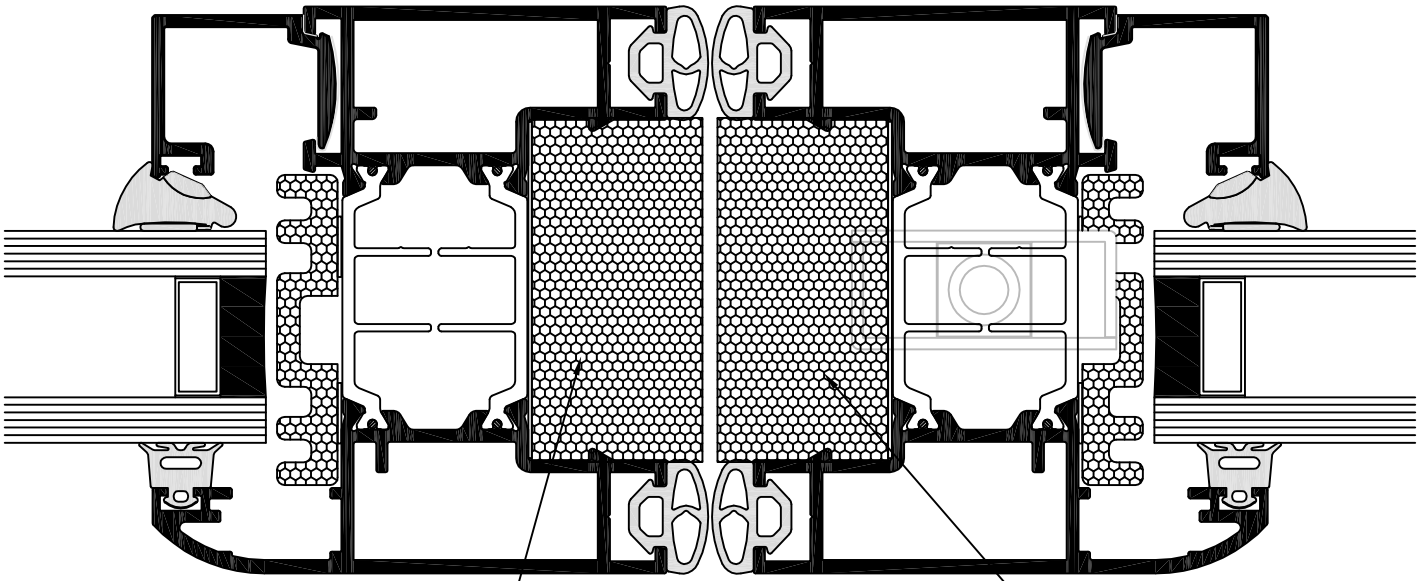
Perimeter foam BF034.

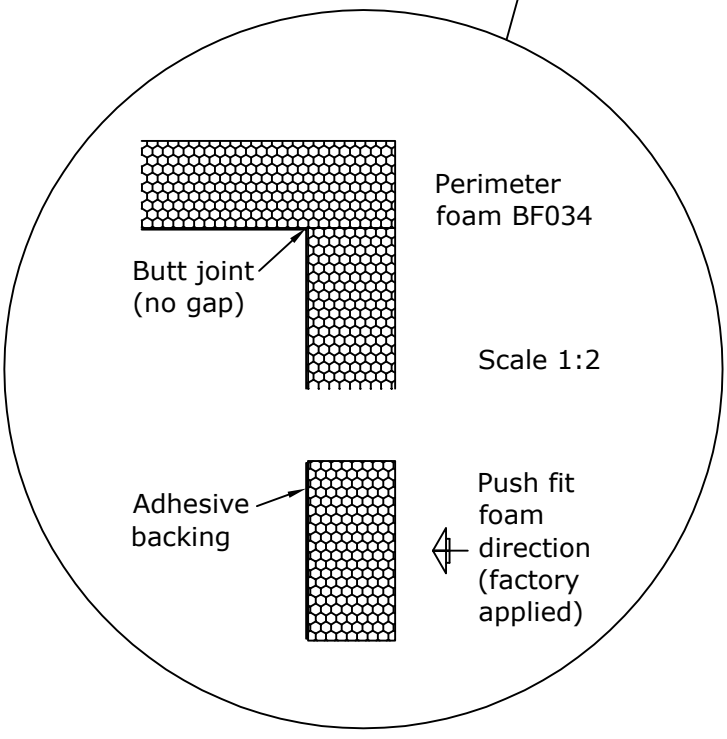
Cut BF034 perimeter foam into four individual lengths with square cut ends.

Push fit perimeter foam around all four sides of sash.

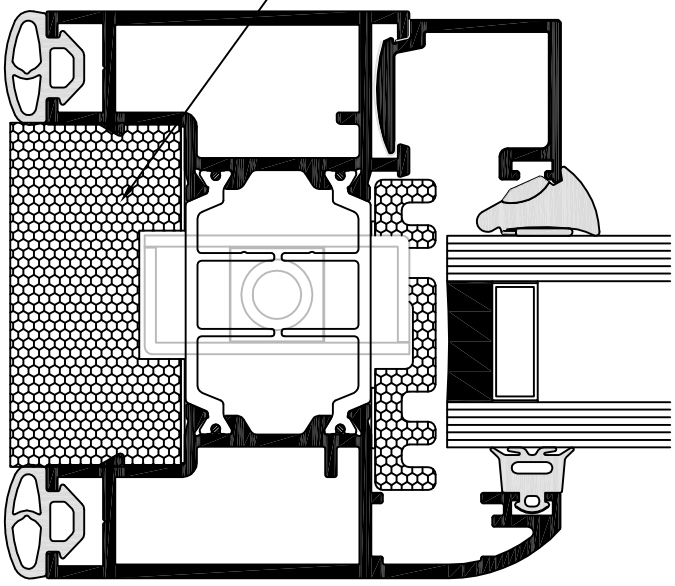
All perimeter foam corners to be butt jointed without gap.

Thermal foams should be protected from exposure to UV light during storage and must be kept in a clean, dry and dust free environment at between 5° and 35°C. Fabricators should minimise exposure period of the foams to the elements and provide additional on-site protection to prevent depositing of builders debris.





Butt foam to either end of BF107 foam shoot bolt lock cover



Scale 1:1

Glazing Unit Perimeter Foam Application Details

System 26 Hi+
BI-FOLDING DOOR

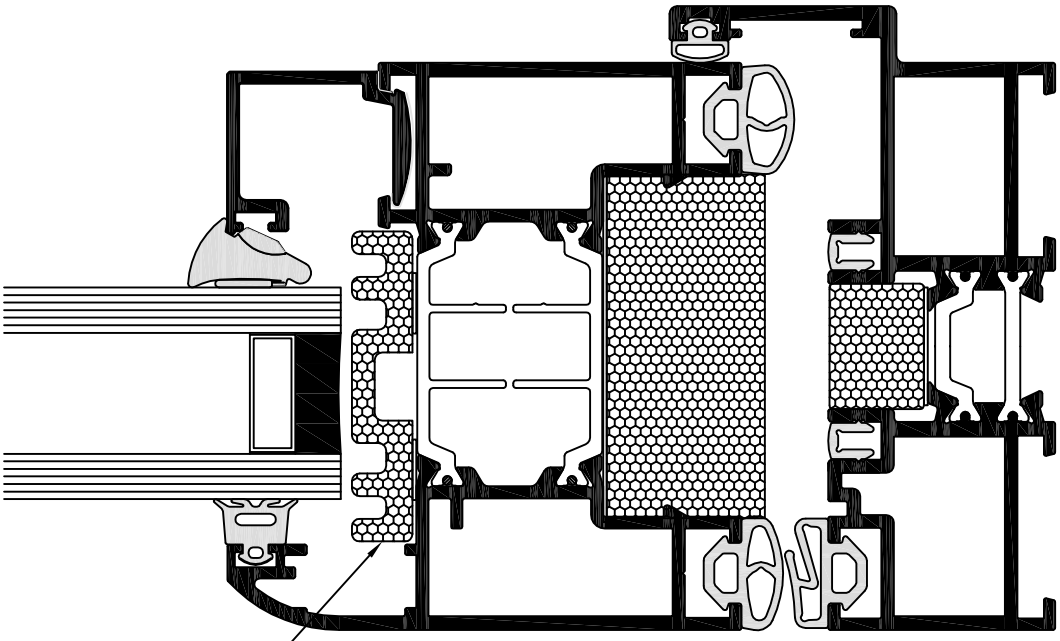
Glazing Unit Perimeter Foam 6727

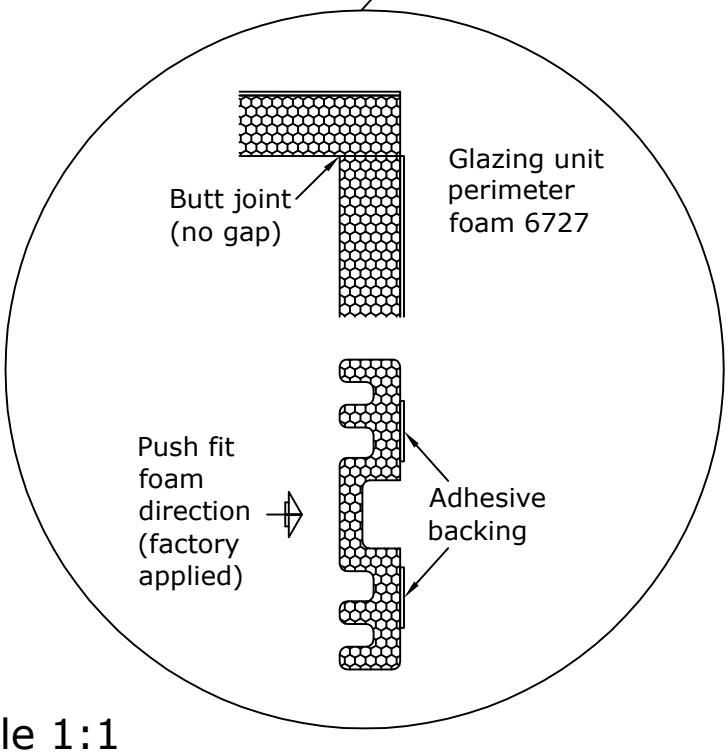
Thermal foams should be protected from exposure to UV light during storage and must be kept in a clean, dry, and dust-free environment at between 5° and 35°C. Minimum recommended application temperature for adhesive thermal foams is 20°C and therefore these should be applied in clean, dry, and dust-free factory conditions. Before applying self-adhesive foams ensure all surfaces are free from grease or dust. Clean all mating surfaces with suitable cleaning agent. Fabricators should minimise the exposure period of the foams to the elements and provide additional on-site protection to prevent depositing of builders debris.

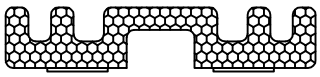
Cut 6727 glazing unit perimeter foam into four individual lengths with square cut ends.

All foam corners to be butt jointed without gap.

Glazing unit perimeter foam to be factory applied to sash/frame where DGUs are to be installed. Remove release strip from rear of foam and bond to frame, omitting foam at glazing support, pressure equalisation and drainage locations.







Glazing unit closed cell foam 6727 bond to section using self-adhesive backing.

Scale 1:1

Installation Procedures

System 26 Hi/Hi+
BI-FOLDING DOOR

The following instructions are a general guideline and cover the most common conditions. For further information, advice or project specific applications contact Metal Technology's Technical Department.

All bi-folding doors should be adequately protected against minor scuffs and abrasions during installation. This can be achieved using a suitable low tack tape to all exposed surfaces of the door frame and sash. Low tack tape should be periodically renewed and should not remain on the door profiles for more than 6 months from the date of application. (This period may vary depending on exposure, application and manufacturers instructions)
LOW TACK TAPE IS NOT A SUBSTITUTE FOR CAREFUL HANDLING.

Ensure that the brickwork opening is the correct size and square, with sufficient clearance to accommodate any expansion, contraction, building movement and the minimum joint width requirement for the applicable sealant. Fabricators and installers should be aware that the height of the structural opening may vary due to settlement of the lintel. Therefore the height of the doors should be manufactured to the lowest point, with added clearance to facilitate silicone pointing. In new build situations the lintel may continue to deflect over a period of time. Should the lintel settle, this will cause the outer frame to bow and may cause the doors to jam. Additional clearance should be incorporated between the outer frame and the structural opening at the head so that the outer frame can be re-adjusted retrospectively if required.

Where large bi-folding doors are being installed (i.e. over 4 sashes) outer frames, head liners and sub-cills may be assembled on site.

Where joints are required with sub-cills/head liners, these should be butt joined and sealed using a suitable butt strap/splice plate. Where required, the joints should be designed to accommodate all applicable movement, expansion and contraction. All sub-cills should be positioned on top of a continuous EPDM membrane returned upward, behind the sub-cill, and sealed and bonded where required. Careful consideration must be given when detailing the interface between head liners and/or sub-cills with coupling mullions and/or corner posts.

All aluminium should be isolated from direct contact with masonry, concrete and other incompatible materials by means of packing pieces, EPDM membranes, suitable paint or similar materials.

Metal Technology recommend the use of fixing lugs where practical. These should be fitted to the outer frames prior to offering the door frame into the opening. The choice of fixing lug will depend on site application (see enclosed for available options). The number and position of fixing lugs will depend on the door size and applicable loading. Refer to "Typical Lug Fixing Detail" sheet. Where required fixing lugs may be cranked to accommodate the gap between the door frame and the structure. This should be done prior to snapping the lug into the frame. Alternatively, where the gap between the frame and the structure is not suitable for adequately cranking the fixing lug, frame packers may be used.

Where direct 'through the door frame' fixing is required this should be achieved using proprietary frame anchors to suit the application. All through the frame fixings should be suitable and adequate for the application and applied loadings. The number and position of the fixings will depend on door size, number of sashes and applied loads, etc. All fixings should be made through the aluminium portion of the door frame and must be compatible with the door frame and substrate and/or be isolated from any incompatible materials in such a way as to avoid any adverse reaction. Refer to "Typical Direct Fixing Detail " sheets. All 'through the door frame' fixings must be adequately sealed in position using a suitable sealant to prevent any water from permeating past the fixing, flashing areas and/or surrounding structure and into the building.

Position the outer frame within the opening ensuring that all exposed aluminium is isolated from any material which may react unfavourably with it. This also applies to the fixings used to secure the door frame. Metal Technology recommend that all fastenings to aluminium be Austenitic Stainless Steel A2 or A4 grade, aluminium or other such compatible materials.

Suitable proprietary frame packers should be used to ensure the door frame is plumb, square, level, vertical and centralised within the opening.

Installers must pay particular attention to the threshold, which must be level with no high or low points, across the width of the opening. Refer to relevant "Fixing Detail" sheets. Door frames must be adequately packed below the door cill/threshold, at the fixing points, to ensure the load is directly transferred to the structure below. Installer to ensure that all roller assemblies are fully supported by floor/packer when doors are open and in final stacked position. Frame packers should not protrude past the external line of the door frame in order not to interfere with sealing the frame to the structure.

Installation Procedures

cont...

In curtain walling applications installers to refer to "Typical Curtain Wall Fixing Detail" sheet.

Fix the door frame to the opening as required ensuring that the frame is not bowed or distorted and that the fixings used are adequate and suitable for the applicable loading conditions and application.

Ensure that the structure to which the door frame is fixed is sound and capable of adequately accepting the fixings and the subsequent loads transferred by them.

Check the diagonals, plumb, level and verticality as the frame is finally tightened.

For orientation and fitting of hinges, rollers, top guides and tapping plates refer to "Hinge" and "Roller and Top Guide" Application sheets in Section 7 of this manual. If not inserted in factory, ensure BF018 stainless steel track is inserted in threshold.

Ensuring sash is orientated correctly offer first folding door leaf up to the outer frame jamb. BF044/BF045 hinge assemblies to be pre-fitted to door leaf. Tapping blocks to be pre-installed in outer frame groove. Without fully tightening, using 3 no machine screws per hinge, attach hinges to tapping blocks. Loosen grub screw in tapping block and adjust door position vertically to achieve 11mm gap between sash and outer frame/threshold. Refer to General Arrangement drawings for setting out datums of 11mm gap. When correctly positioned vertically, tighten machine screws and central grub screw to lock hinges in place on outer frame.

Offer up adjacent folding leaf with top guide, rollers and hinges already fitted in the factory. Position rollers on track and angle door so that top guides can be shuffled into position within head profile. Attach sashes by securing hinges to pre-fitted tapping blocks in adjacent sash. Adjust vertically and fix in place as described above.

Repeat for adjacent sashes as required.

Subject to door configuration repeat process for master leaf and/or folding sliding sashes hung off opposite jamb.

For glazing details refer to Glazing Details and Procedures sheets. For adjustment details refer to "Site Adjustment Procedures" sheet. When doors are finally fitted, glazed and adjusted apply a suitable sealant to the perimeter of the frame as per the sealant manufacturers recommendations and instructions. Any excess sealant should be removed so as not to detract from the finished product/installation.

Cement and plaster can damage the finish of this product if they are not removed promptly. Any such contaminants should be removed using a weak solution of mild detergent in water. (i.e. 5% of Teepol in water)

Finished surfaces should be cleaned with a soft cloth or sponge. Where stubborn marks persist a natural bristle brush may be used with care. Abrasive cleaners, solvents or other cleaning agents should not be used.

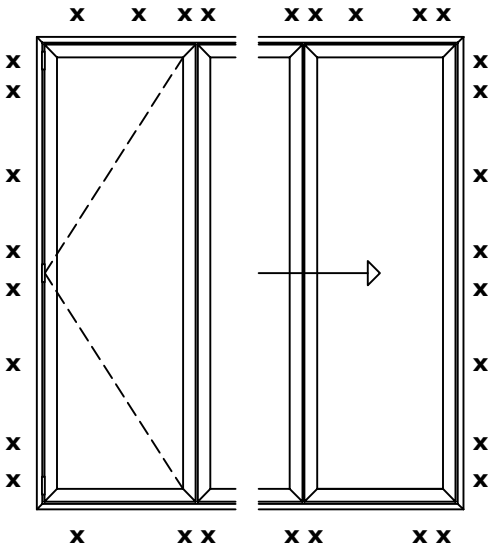
For additional information on door installation and glazing refer to BS 6262, other relevant British Standards and/or Metal Technology's Technical Department.

Metal Technology recommend that doors should be installed by experienced and qualifed installers. All installers should be fully trained and qualified with regard to the relevant Health and Safety requirements for the applicable site operations and should possess a current CSCS card endorsed with a relevant and recognised NVQ or CWCT Window Installers Part 2 qualification.

Typical Lug Fixing Detail

Open In and Open Out Applications (including Rebated Threshold)

System 26 Hi/Hi+
BI-FOLDING DOOR



Position of fixings lugs at head and cill must be 150mm from corners, 150mm either side of meeting stiles and maximum 300mm centres.

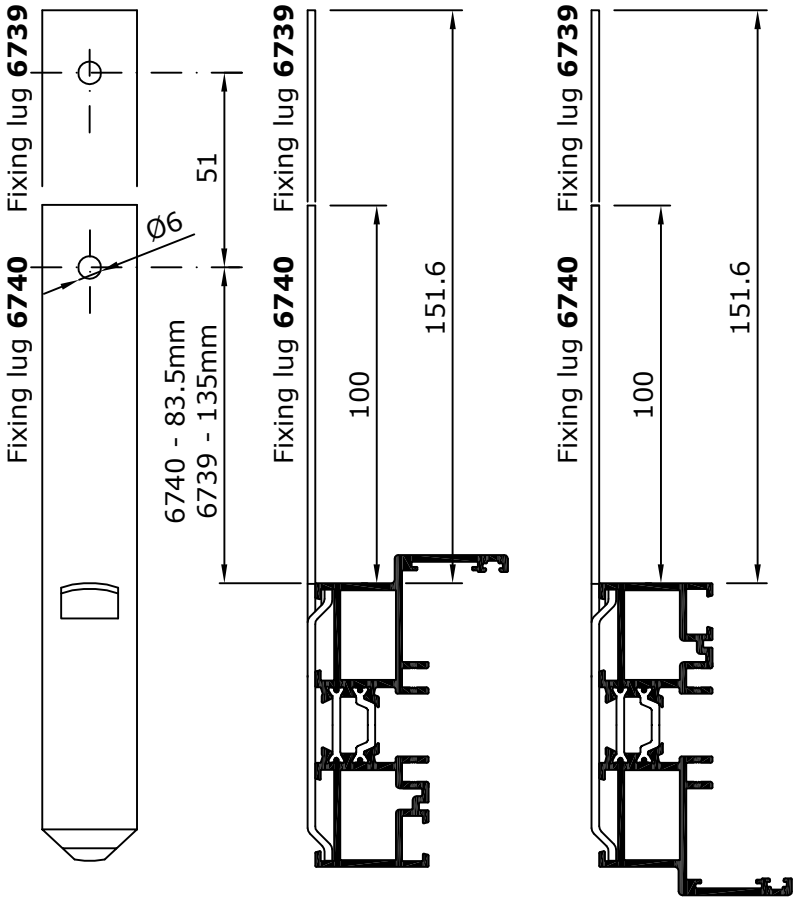
Double fixings to be provided at corners of stacking jamb.

Double fixings to be provided at all jamb hinge locations.

All fixings to be adequate and suitable for loading conditions and application.

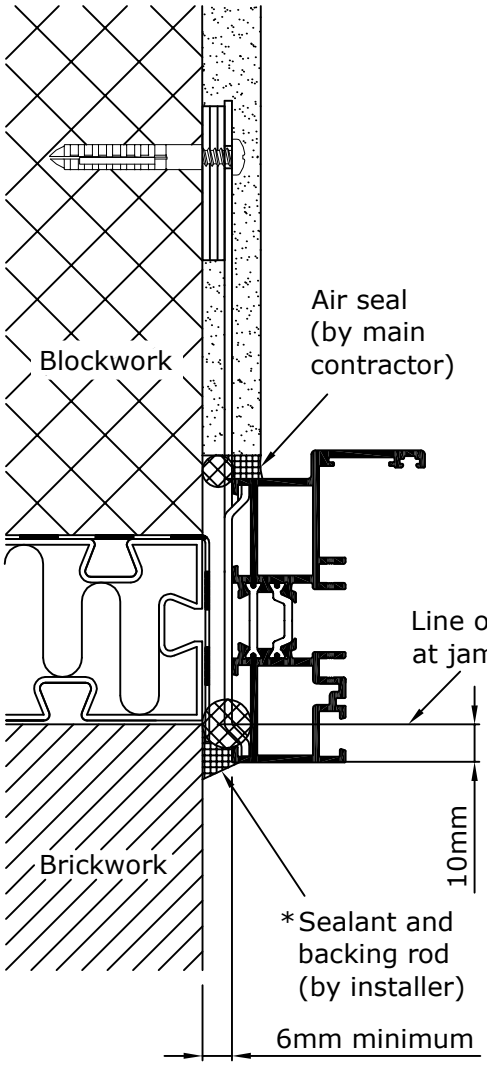
Installer to ensure that all roller assemblies are fully supported by floor/packer when doors are closed, and in their final open stacked position. All packers to be adequately retained in position.

If flush threshold is required, refer to "Threshold Fixing Detail" on "Typical Direct Fixing Detail" sheet.



Section **BF001002** (open-out)

Section **BF001002** (open-in)



Rebated threshold to be fitted level. Where floor finish is uneven insert frame packers (by installer) below threshold at fixing positions.

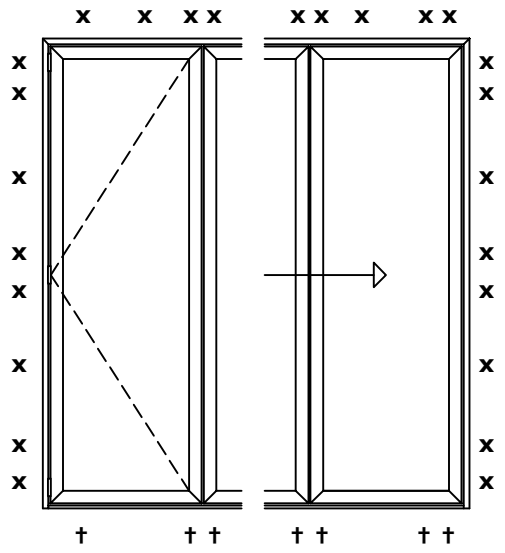
*All sealants to be installed in strict accordance with manufacturers relevant details and BS 6093 to suit site conditions.

Scale 1:2

Typical Direct Fixing Detail

Open In and Open Out Applications with Flush Threshold

System 26 Hi/Hi+
BI-FOLDING DOOR



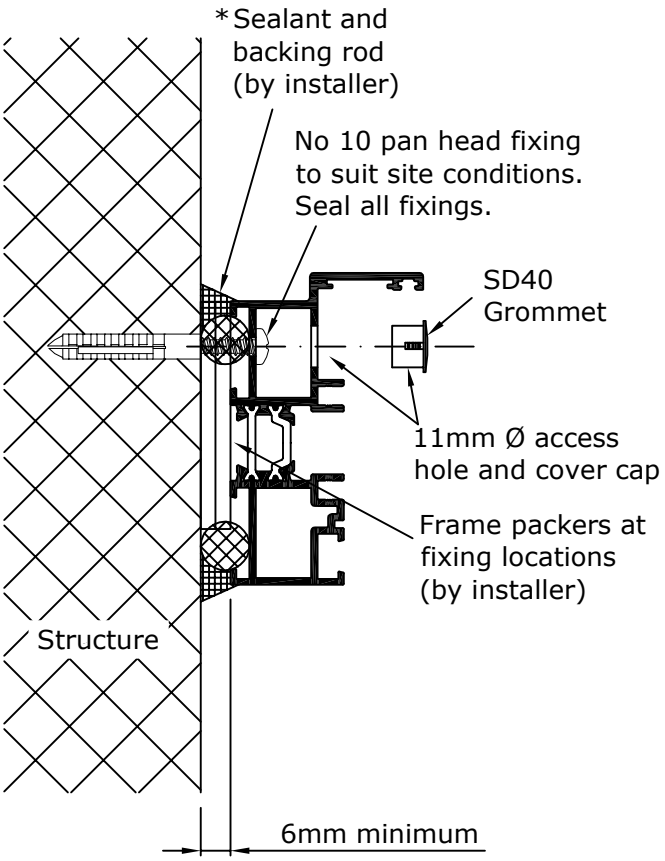
Position of fixings at head and cill must be 150mm from corners, 150mm either side of meeting stiles and maximum 300mm centres.

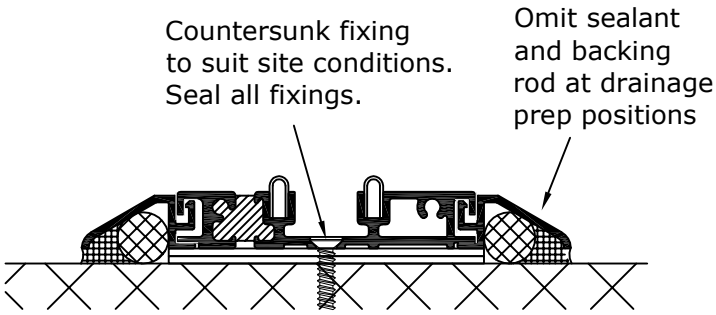
Double fixings to be provided at corners of stacking jamb.

Double fixings to be provided at all jamb hinge locations.

All fixings to be adequate and suitable for loading conditions and application.

Installer to ensure that all roller assemblies are fully supported by floor/packer when doors are closed, and in their final open stacked position. All packers to be adequately retained in position.





Threshold to be fitted level. Where floor finish is uneven insert frame packers (by installer) below threshold at fixing positions.

THRESHOLD FIXING DETAIL

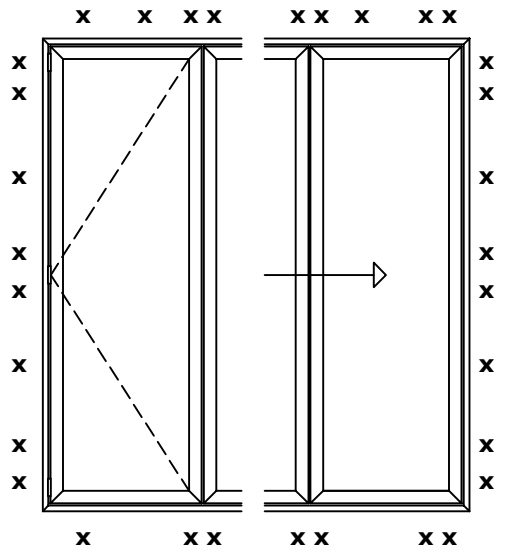
*All sealants to be installed in strict accordance with manufacturers relevant details and BS 6093 to suit site conditions.

Scale 1:2

Typical Direct Fixing Detail

Open Out Applications with Rebated Threshold

System 26 Hi/Hi+
BI-FOLDING DOOR



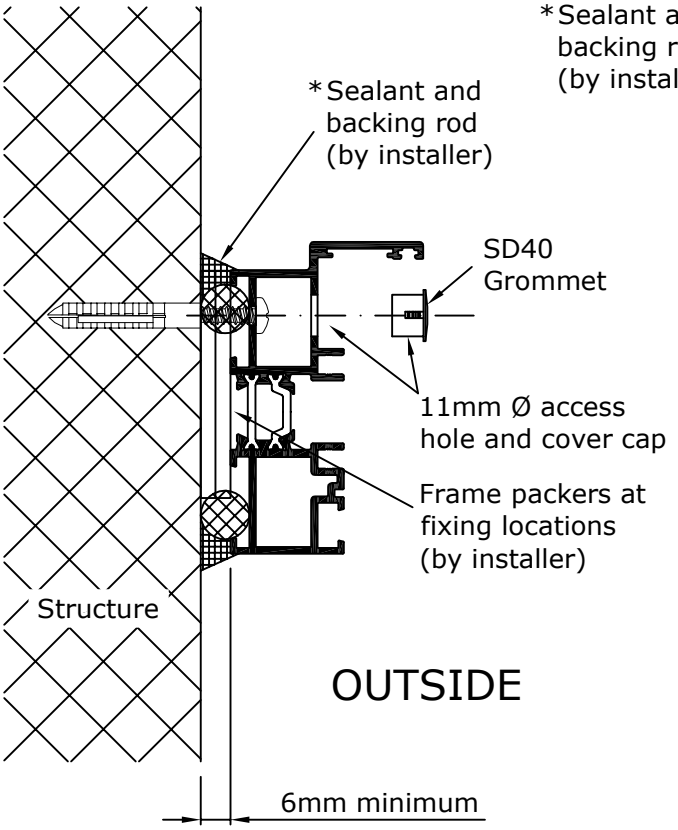
Position of fixings at head and cill must be 150mm from corners, 150mm either side of meeting stiles and maximum 300mm centres.

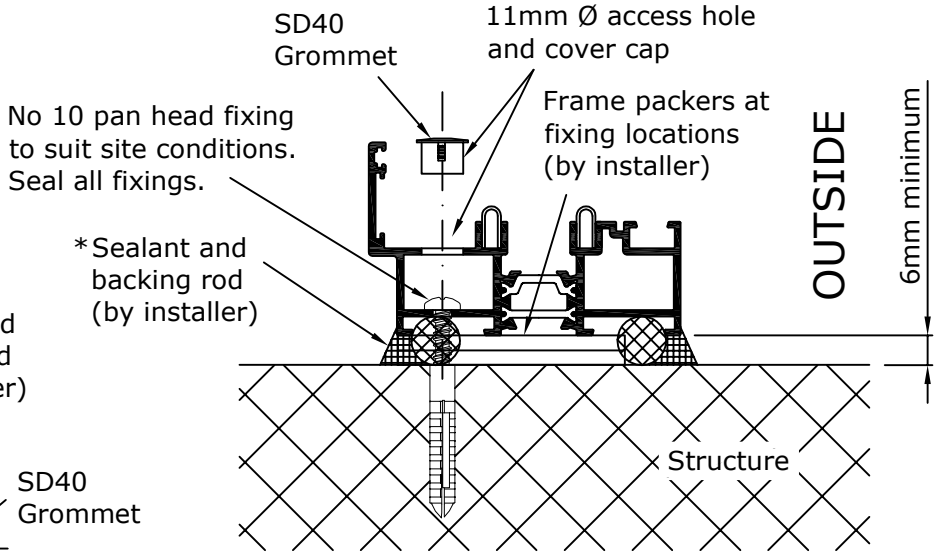
Double fixings to be provided at corners of stacking jamb.

Double fixings to be provided at all jamb hinge locations.

All fixings to be adequate and suitable for loading conditions and application.

Installer to ensure that all roller assemblies are fully supported by floor/packer when doors are closed, and in their final open stacked position. All packers to be adequately retained in position.





THRESHOLD FIXING DETAIL

Threshold to be fitted level. Where floor finish is uneven insert frame packers (by installer) below threshold at fixing positions.

*All sealants to be installed in strict accordance with manufacturers relevant details and BS 6093 to suit site conditions.

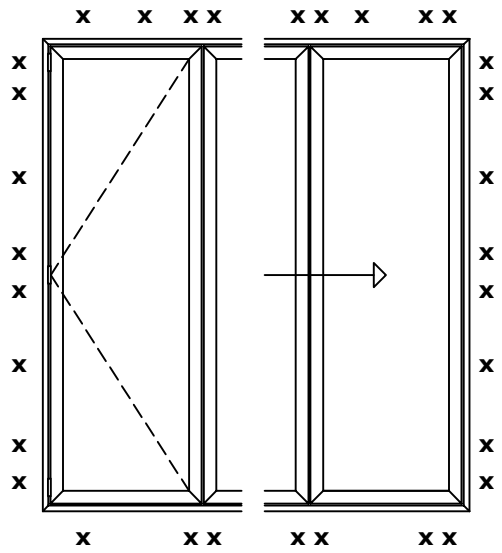
Scale 1:2

Typical Direct Fixing Detail

Open In Applications with Rebated Threshold

System 26 Hi/Hi+

BI-FOLDING DOOR



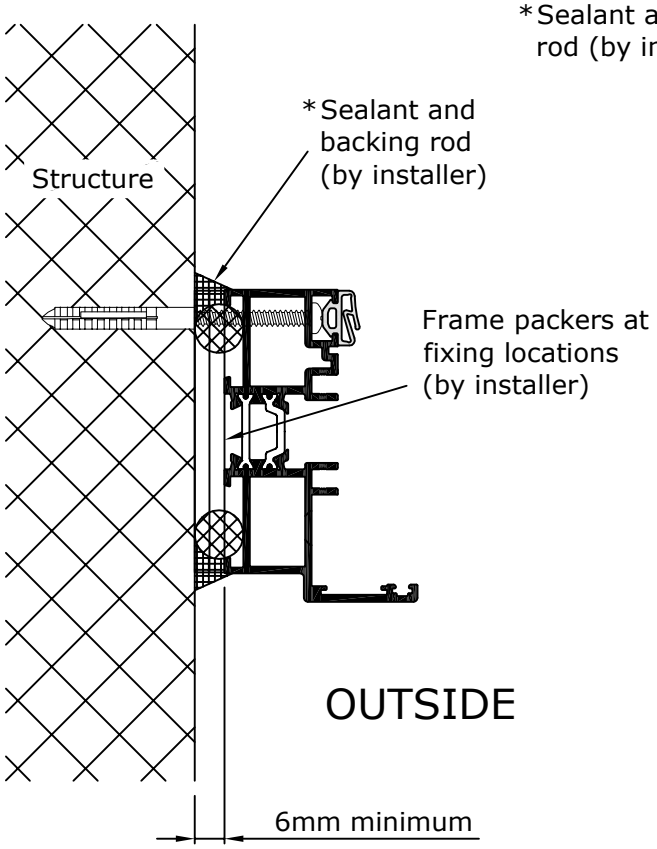
Position of fixings at head and cill must be 150mm from corners, 150mm either side of meeting stiles and maximum 300mm centres.

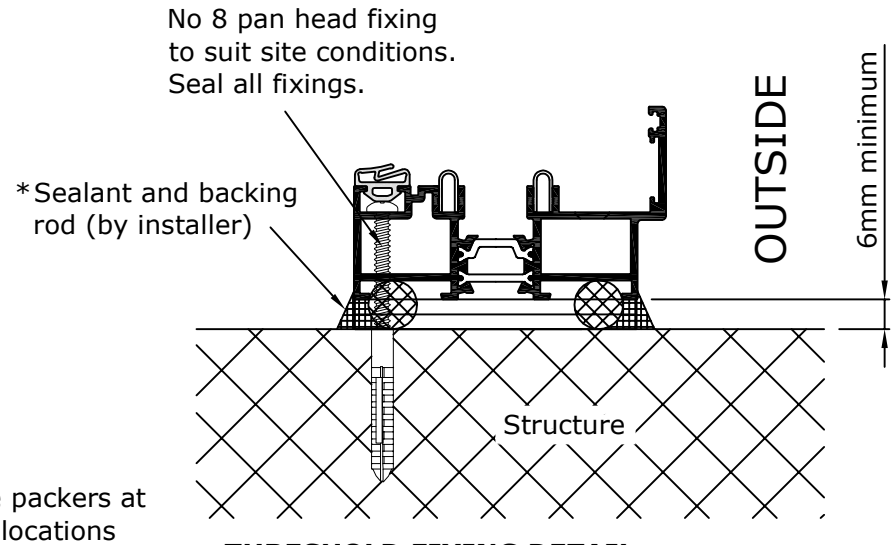
Double fixings to be provided at corners of stacking jamb.

Double fixings to be provided at all jamb hinge locations.

All fixings to be adequate and suitable for loading conditions and application.

Installer to ensure that all roller assemblies are fully supported by floor/packer when doors are closed, and in their final open stacked position. All packers to be adequately retained in position.





THRESHOLD FIXING DETAIL

Threshold to be fitted level. Where floor finish is uneven insert frame packers (by installer) below threshold at fixing positions.

*All sealants to be installed in strict accordance with manufacturers relevant details and BS 6093 to suit site conditions.

Scale 1:2

150mm Sub-Cill

System 26 Hi/Hi+
BI-FOLDING DOOR

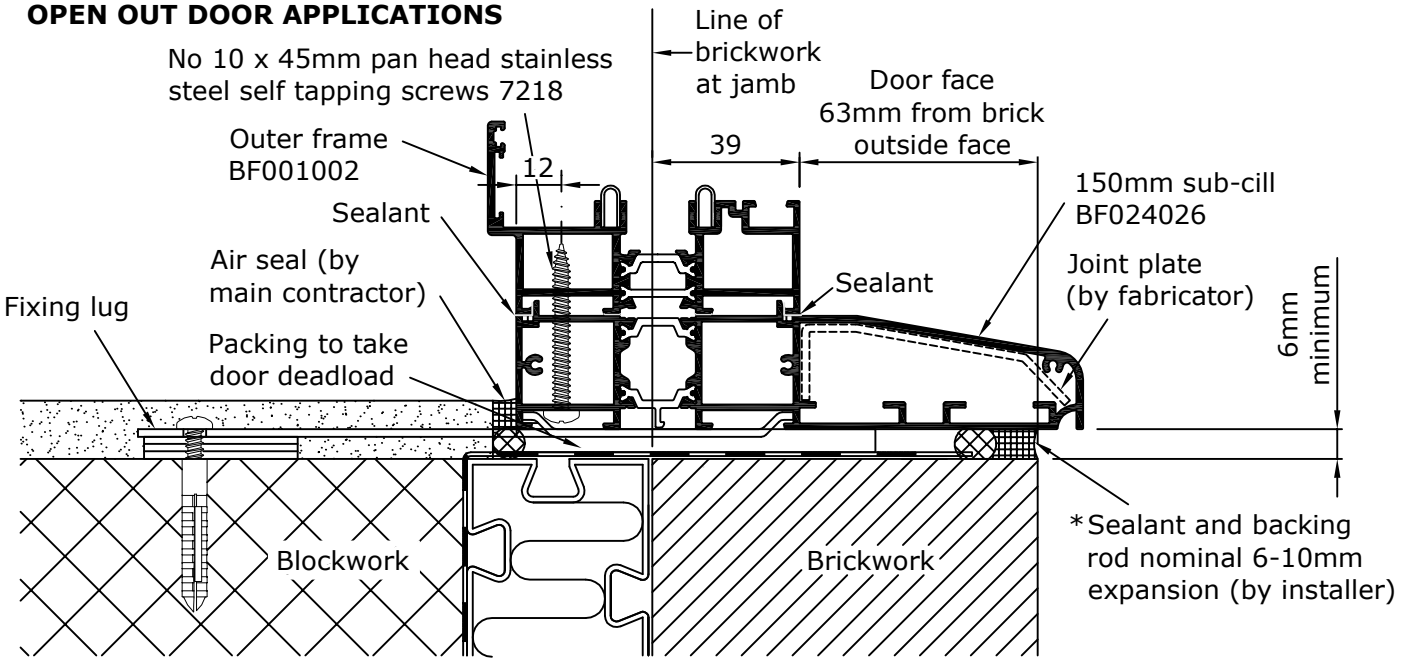
All fixings must be sealed using HR50328A sealant.

Only suitable for use with BF001002 outer frame. Not suitable for use with coupling mullions.

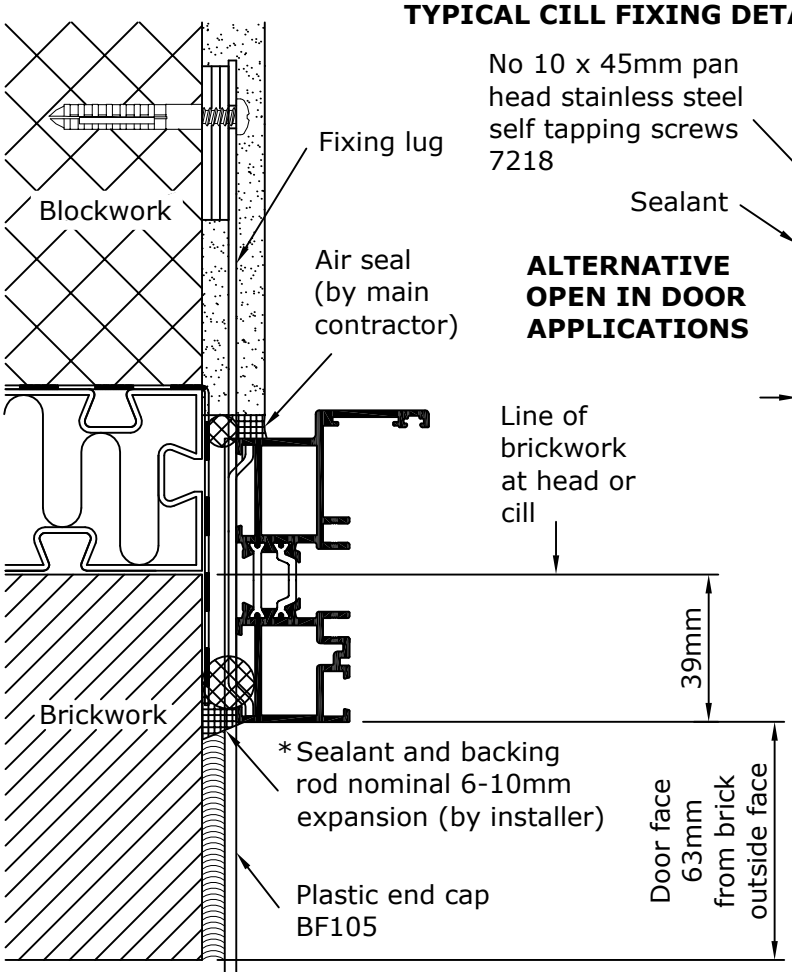
Sub-cill to be screw fixed to outer frame with fixing centres as per "Typical Direct Fixing Detail" sheets. Refer to "Typical Lug Fixing Detail" sheet for fixing lugs positions.

Plastic end caps BF105 are available to suit cill BF024026.

OPEN OUT DOOR APPLICATIONS

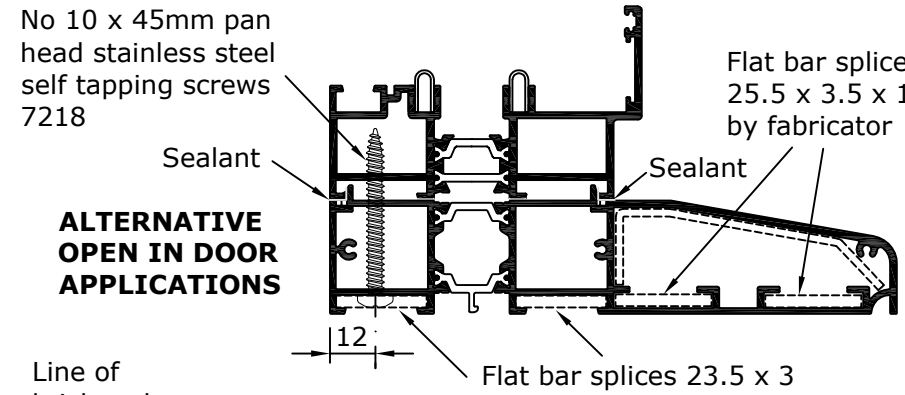


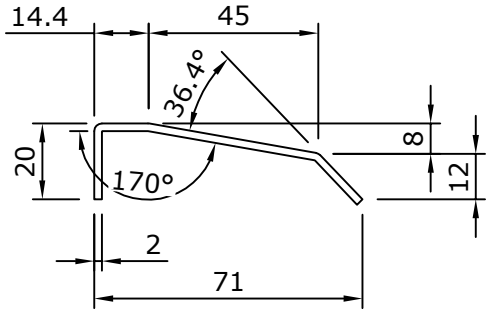
TYPICAL CILL FIXING DETAIL



TYPICAL JAMB FIXING DETAIL

ALTERNATIVE OPEN IN DOOR APPLICATIONS





Pressed aluminium joint plate 2mm thick x 100mm long (by fabricator). Butt joint to be sealed in accordance with sealant manufacturers recommendations for expansion joints.

* All sealants to be installed in accordance with manufacturers relevant details and BS 6093 to suit site conditions.

Scale 1:2

190mm Sub-Cill

System 26 Hi/Hi+
BI-FOLDING DOOR

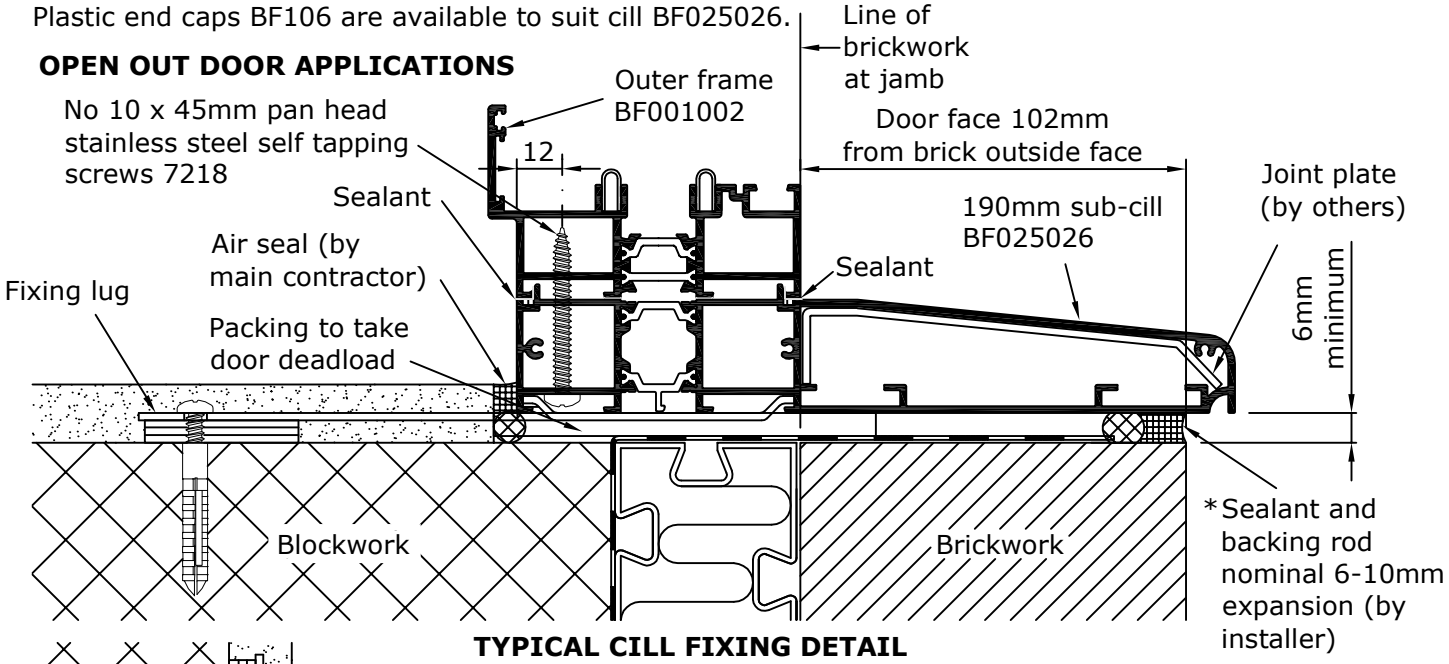
All fixings must be sealed using HR50328A sealant.

Only suitable for use with BF001002 outer frame. Not suitable for use with coupling mullions.

Sub-cill to be screw fixed to outer frame with fixing centres as per "Typical Direct Fixing Detail" sheets. Refer to "Typical Lug Fixing Detail" sheet for fixing lugs positions.

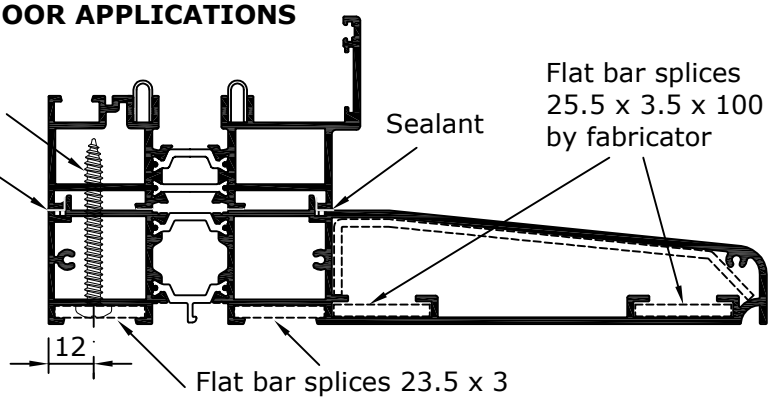
Plastic end caps BF106 are available to suit cill BF025026.

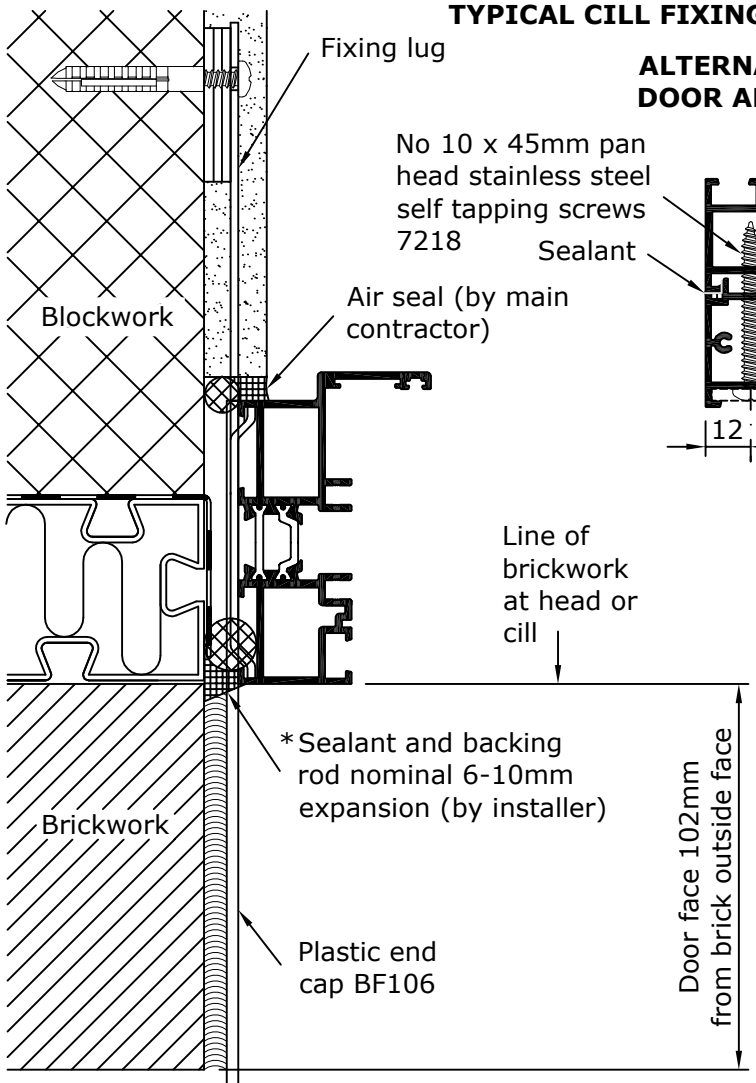
OPEN OUT DOOR APPLICATIONS



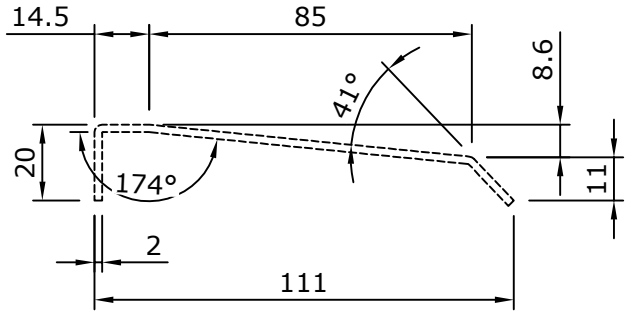
TYPICAL CILL FIXING DETAIL

ALTERNATIVE OPEN IN DOOR APPLICATIONS





TYPICAL JAMB FIXING DETAIL



Pressed aluminium joint plate 2mm thick x 100mm long (by fabricator). Butt joint to be sealed in accordance with sealant manufacturers recommendations for expansion joints.

* All sealants to be installed in accordance with manufacturers relevant details and BS 6093 to suit site conditions.

Scale 1:2

150mm Sub-Cill

System 26 Hi/Hi+
BI-FOLDING DOOR

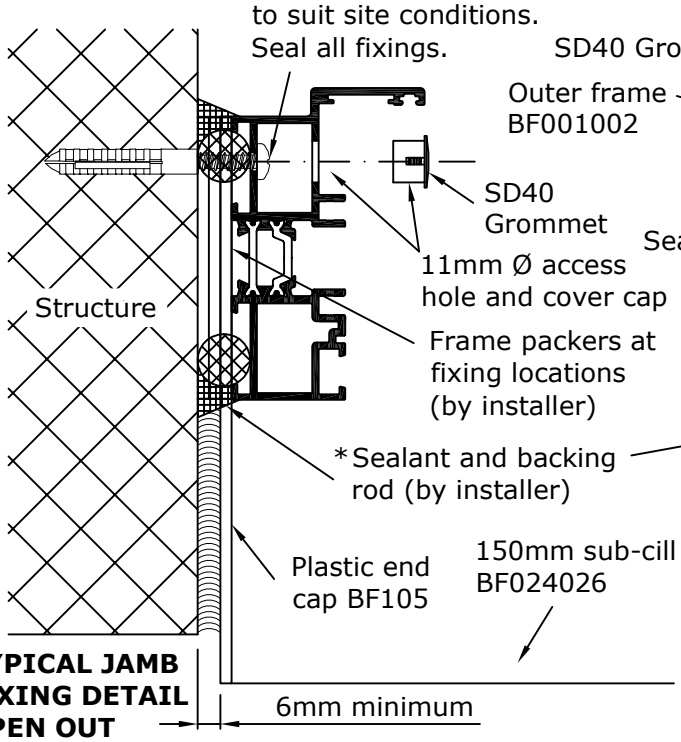
All fixings must be sealed using HR50328A sealant.

Only suitable for use with BF001002 outer frame. Not suitable for use with coupling mullions.

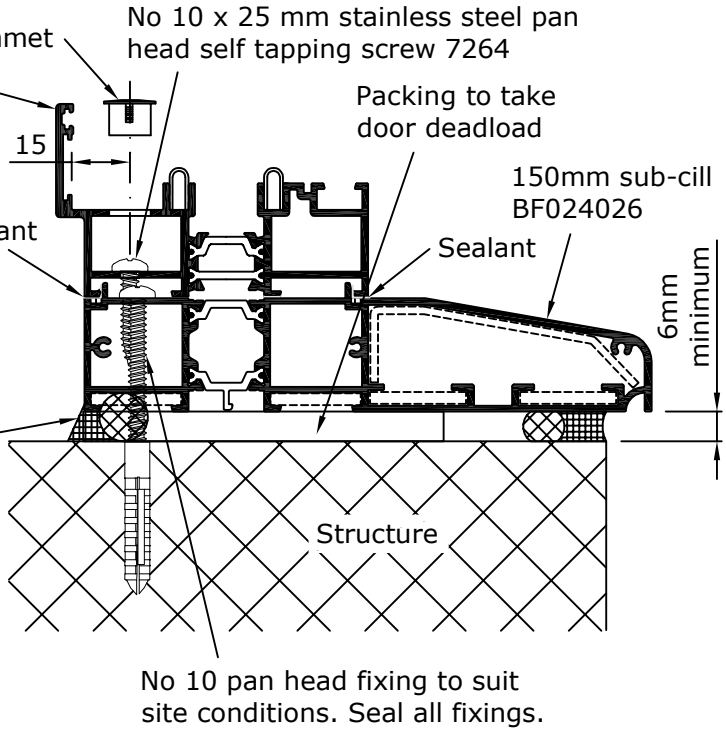
Outer frame to be screw fixed to sub-cill and sub-cill to be screw fixed to structure with fixing centres as per "Typical Direct Fixing Detail" sheets.

Plastic end caps BF105 are available to suit cill BF024026.

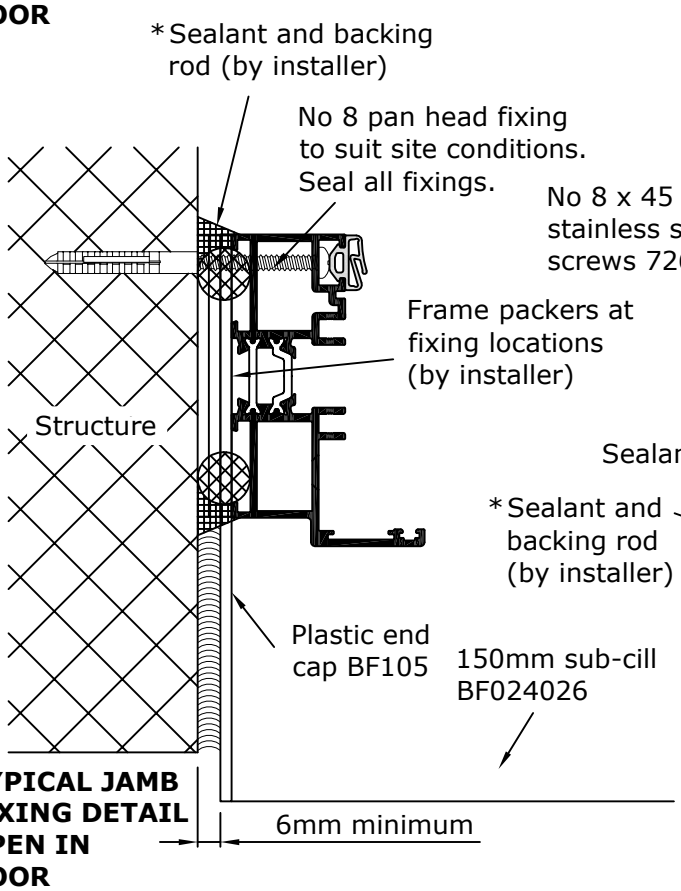
TYPICAL JAMB FIXING DETAIL OPEN OUT DOOR



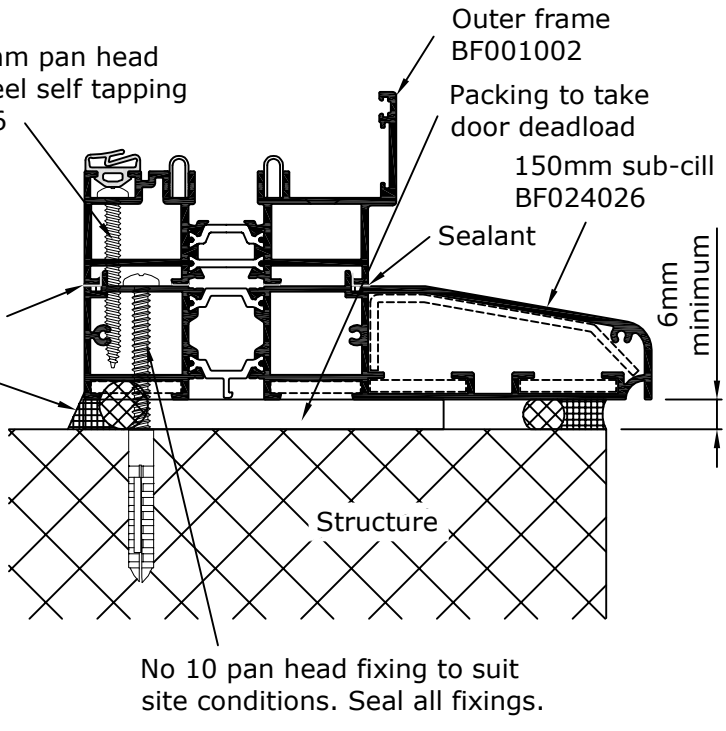
TYPICAL CILL FIXING DETAIL OPEN OUT DOOR



TYPICAL JAMB FIXING DETAIL OPEN IN DOOR



TYPICAL CILL FIXING DETAIL OPEN IN DOOR



*All sealants to be installed in accordancewith manufacturers relevant details and BS 6093 to suit site conditions.

Scale 1:2

190mm Sub-Cill

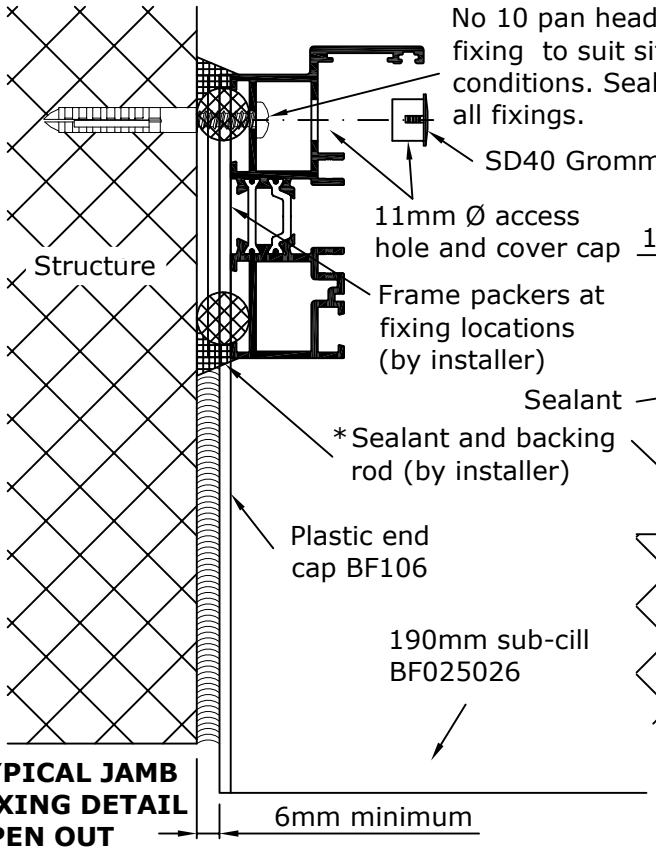
System 26 Hi/Hi+
BI-FOLDING DOOR

All fixings must be sealed using HR50328A sealant.

Only suitable for use with BF001002 outer frame. Not suitable for use with coupling mullions.

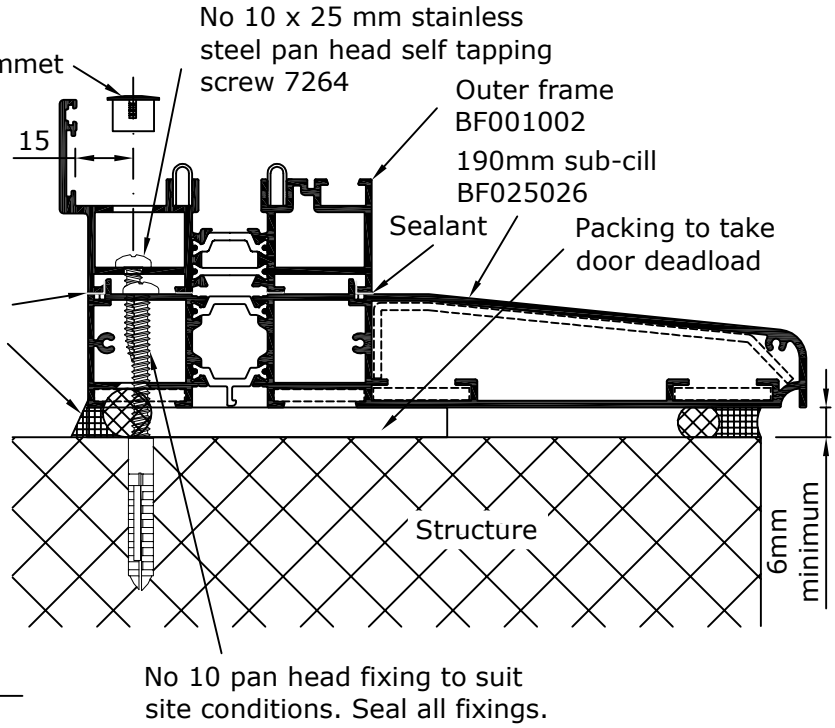
Outer frame to be screw fixed to sub-cill and sub-cill to be screw fixed to structure with fixing centres as per "Typical Direct Fixing Detail" sheets.

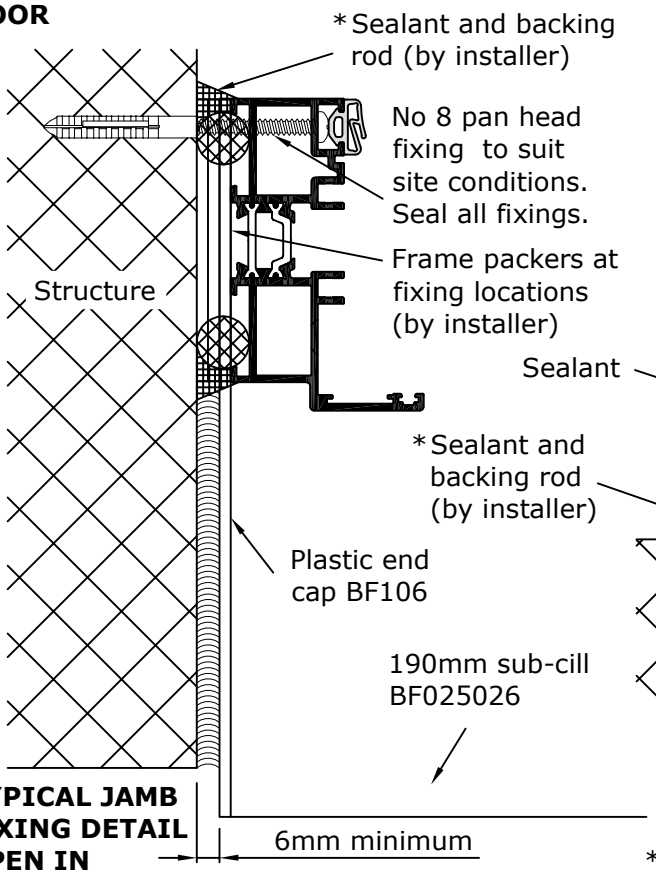
Plastic end caps BF106 are available to suit cill BF025026.



TYPICAL JAMB FIXING DETAIL OPEN OUT DOOR

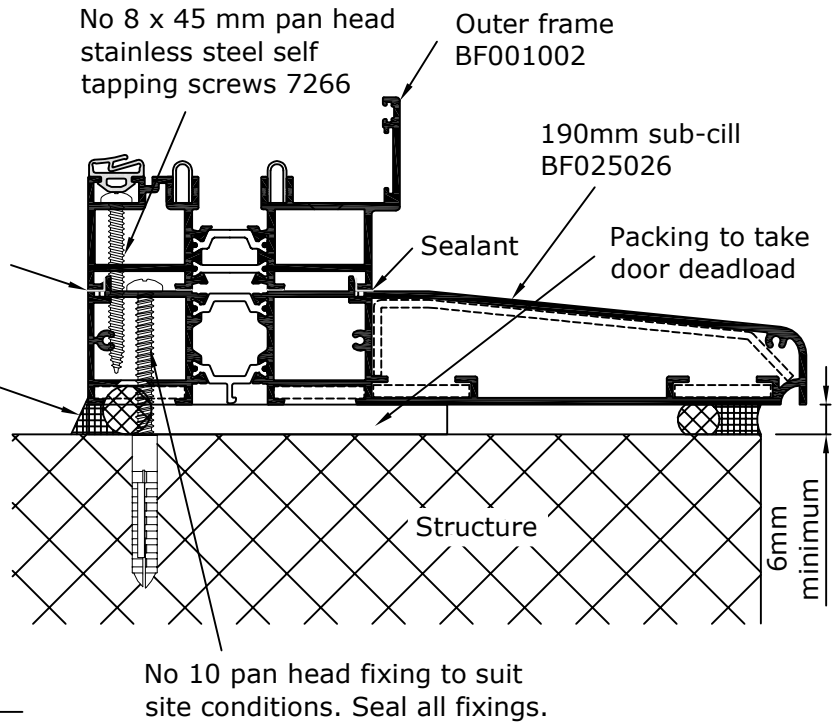
TYPICAL CILL FIXING DETAIL OPEN OUT DOOR





TYPICAL JAMB FIXING DETAIL OPEN IN DOOR

TYPICAL CILL FIXING DETAIL OPEN IN DOOR



* All sealants to be installed in accordance with manufacturers relevant details and BS 6093 to suit site conditions.

Scale 1:2

Flush Head Liner

System 26 Hi/Hi+
BI-FOLDING DOOR

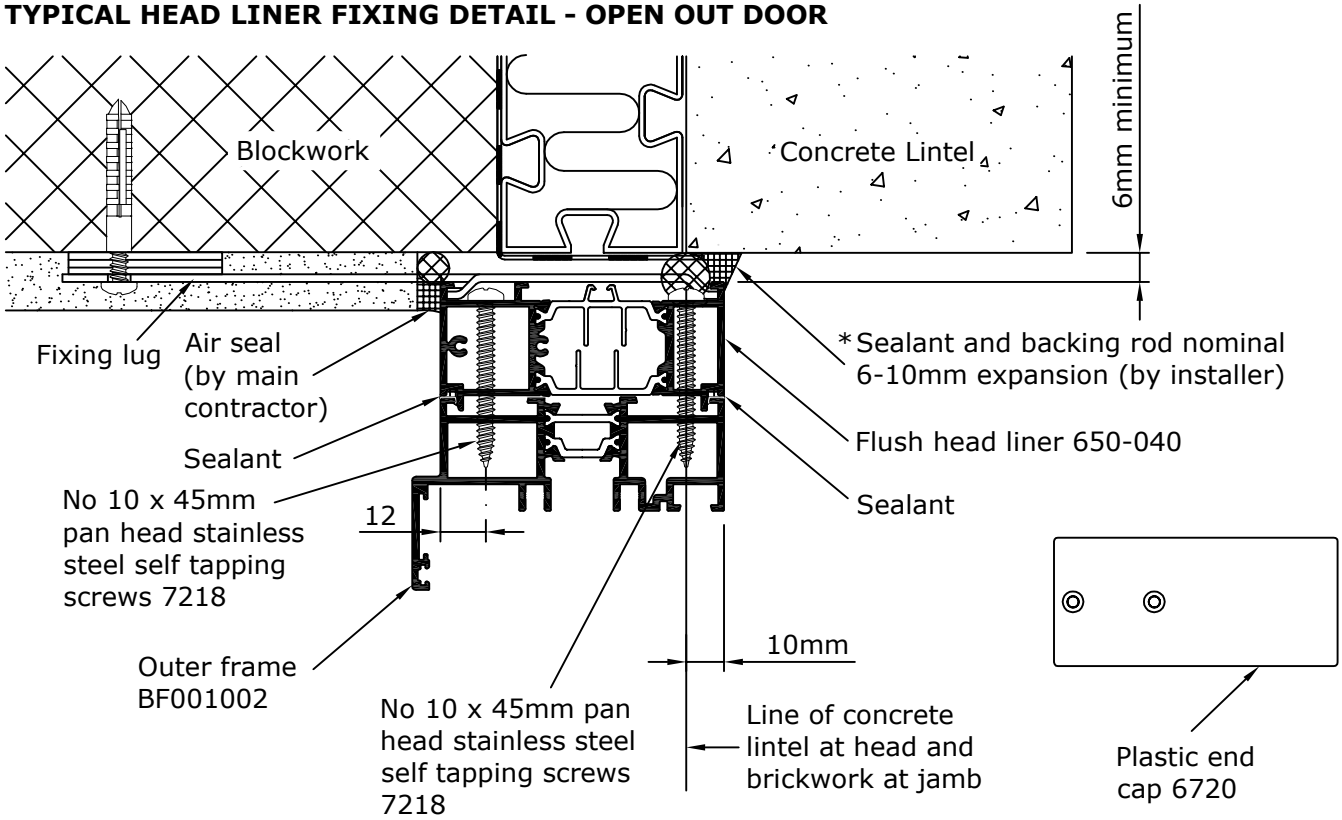
All fixings must be sealed using HR50328A sealant.

Only suitable for use with BF001002 outer frame. Not suitable for use with coupling mullions.

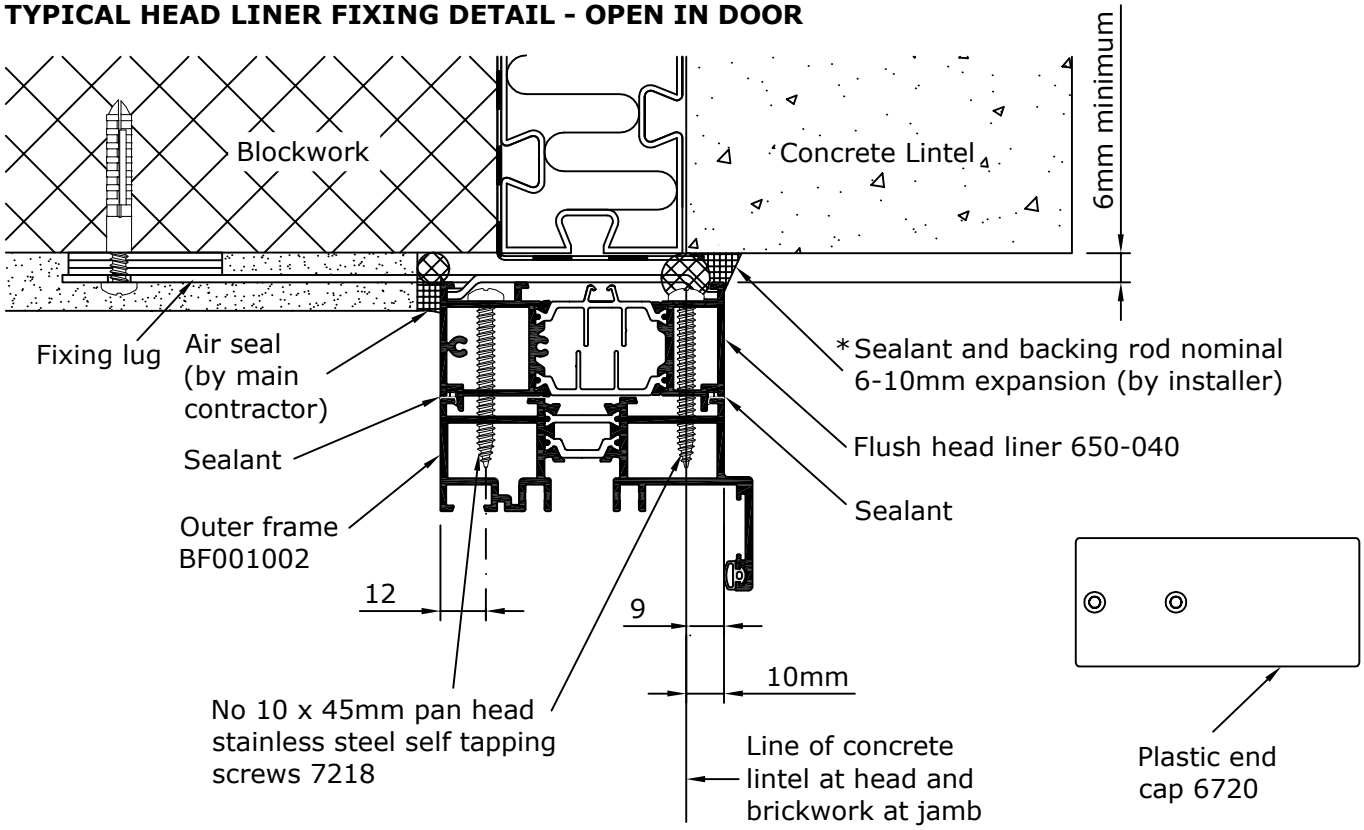
Head liner to be screw fixed to outer frame with fixing centres as per "Typical Direct Fixing Detail" sheets. Refer to "Typical Lug Fixing Detail" sheet for fixing lugs positions.

Plastic end caps 6720 are available to suit head liner 650-040.

TYPICAL HEAD LINER FIXING DETAIL - OPEN OUT DOOR



TYPICAL HEAD LINER FIXING DETAIL - OPEN IN DOOR



Scale 1:2

Flush Head Liner

System 26 Hi/Hi+
BI-FOLDING DOOR

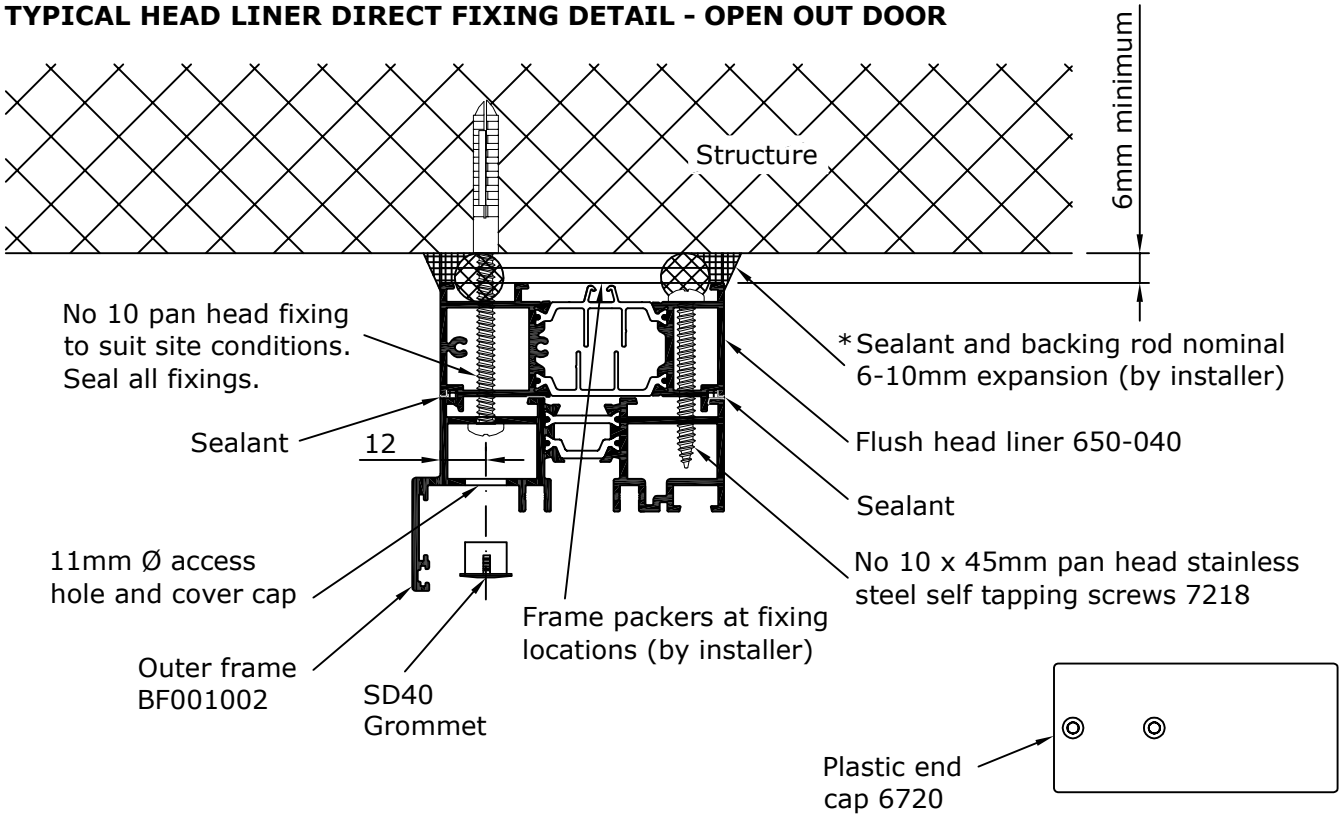
All fixings must be sealed using HR50328A sealant.

Only suitable for use with BF001002 outer frame. Not suitable for use with coupling mullions.

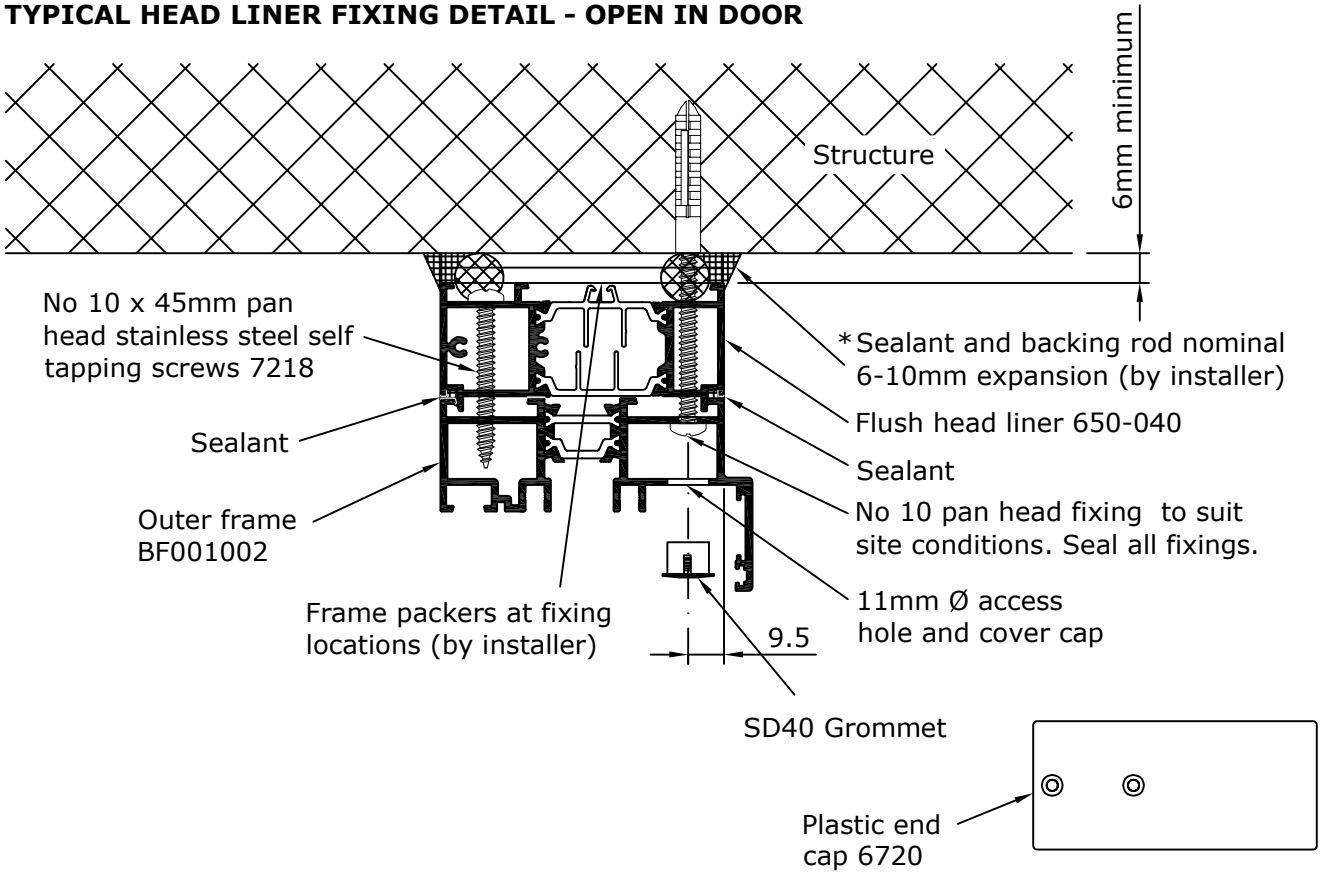
Outer frame to be screw fixed to head liner and head liner to be screw fixed to structure with fixing centres as per "Typical Direct Fixing Detail" sheets.

Plastic end caps 6720 are available to suit head liner 650-040.

TYPICAL HEAD LINER DIRECT FIXING DETAIL - OPEN OUT DOOR



TYPICAL HEAD LINER FIXING DETAIL - OPEN IN DOOR

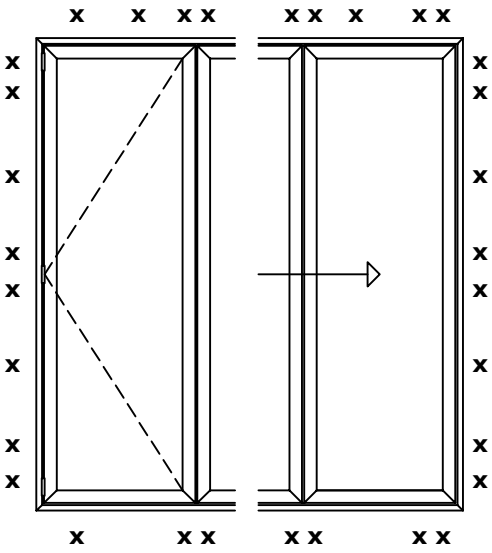


Scale 1:2

Typical Curtain Wall Fixing Detail

System 26 Hi/Hi+

BI-FOLDING DOOR



Position of fixings at head and cill must be 150mm from corners, 150mm either side of meeting stiles and maximum 300mm centres.

Double fixings to be provided at corners of stacking jamb.

Double fixings to be provided at all jamb hinge locations.

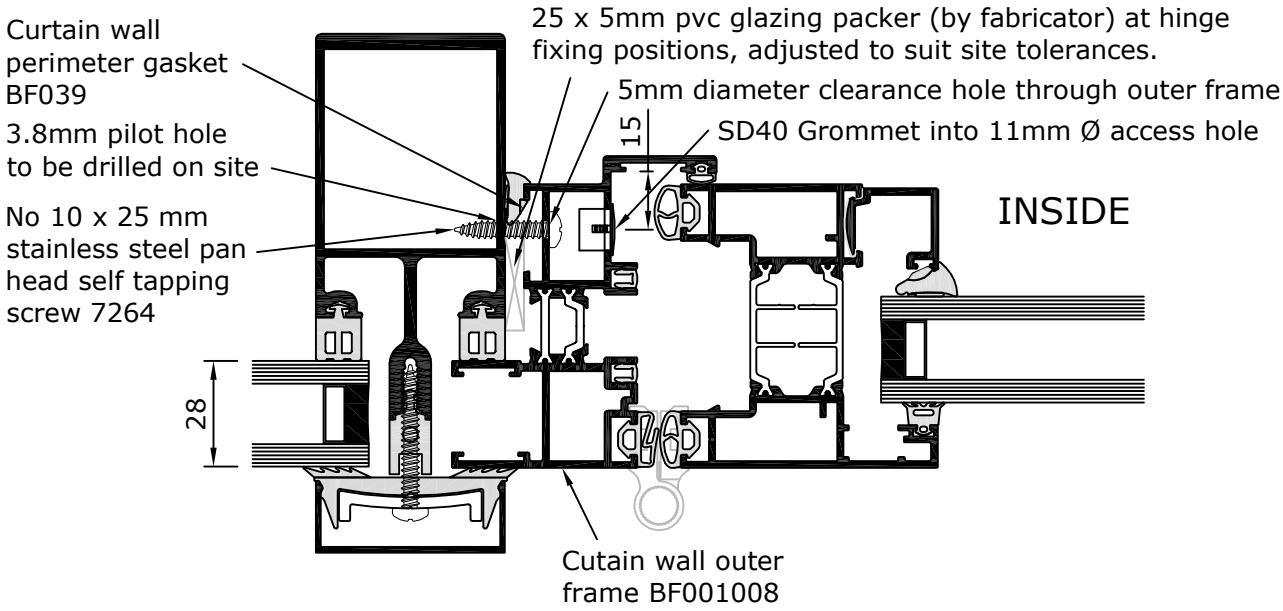
All fixings to be adequate and suitable for loading conditions and application.

Fabricators must ensure that if glazing bi-fold door threshold into curtain walling that the transom is capable of supporting the loads applied with the doors closed, and in their final open stacked position. Alternatively these loads can be transferred from the transom to the adjacent building structure. Consideration must also be given to the anticipated structural floor slab deflection. Metal Technology recommend that fabricators obtain project specific approval from their structural engineer.

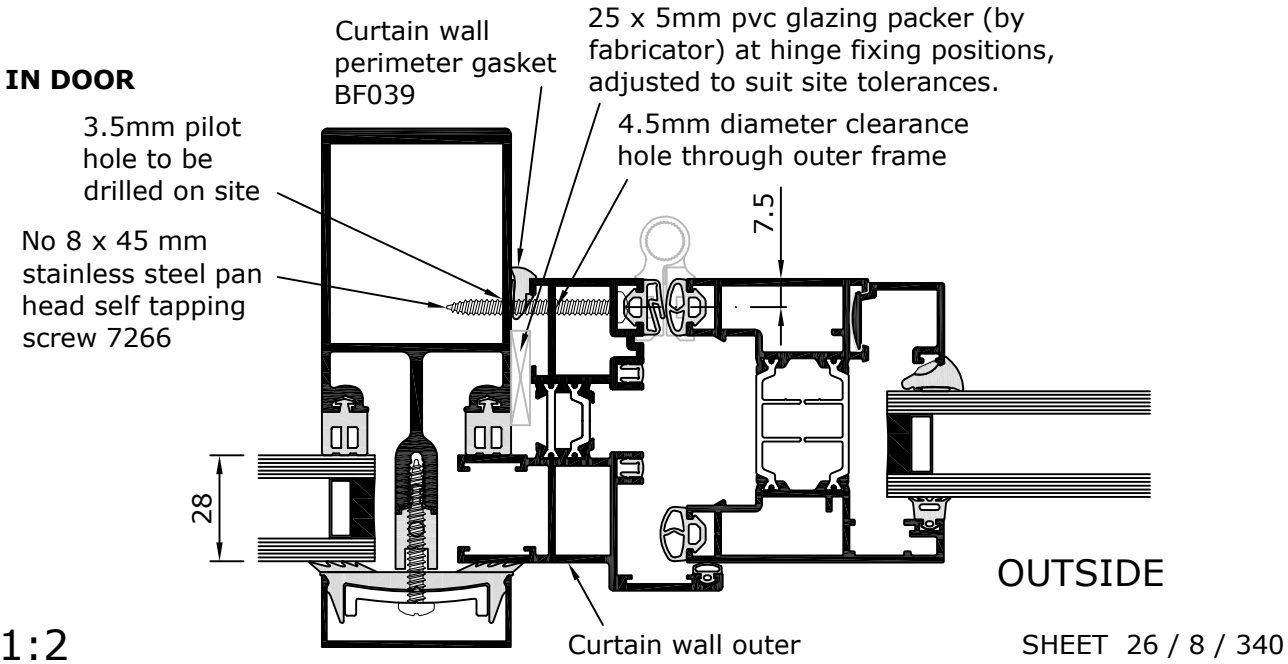
Installer to ensure that all roller assemblies are fully supported by floor/packer when doors are closed, and in their final open stacked position. All packers to be adequately retained in position.

If flush threshold is required, refer to "Threshold Fixing Detail" on "Typical Direct Fixing Detail" sheet.

OPEN OUT DOOR



OPEN IN DOOR



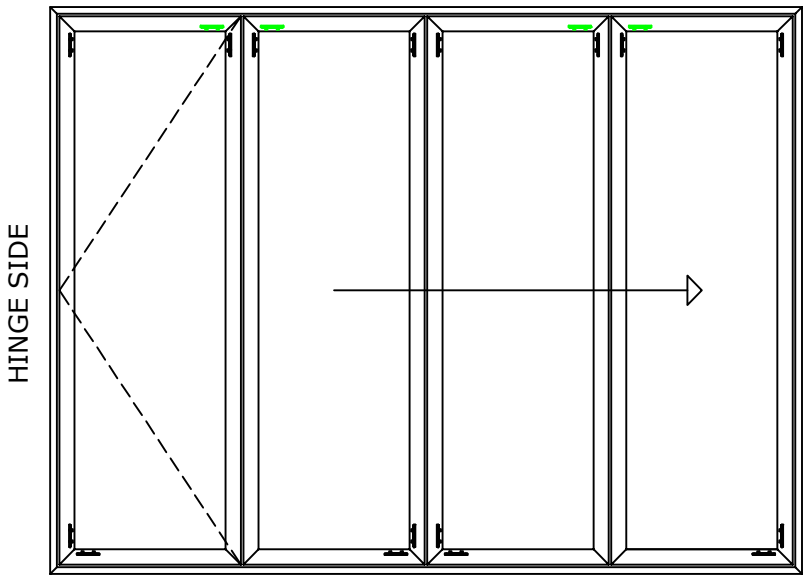
Scale 1:2

Glazing Details

System 26 Hi/Hi+

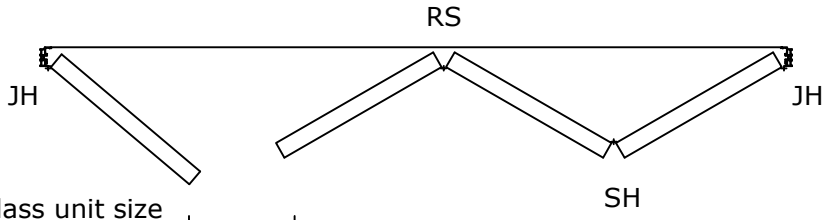
BI-FOLDING DOOR

TYPICAL ELEVATION



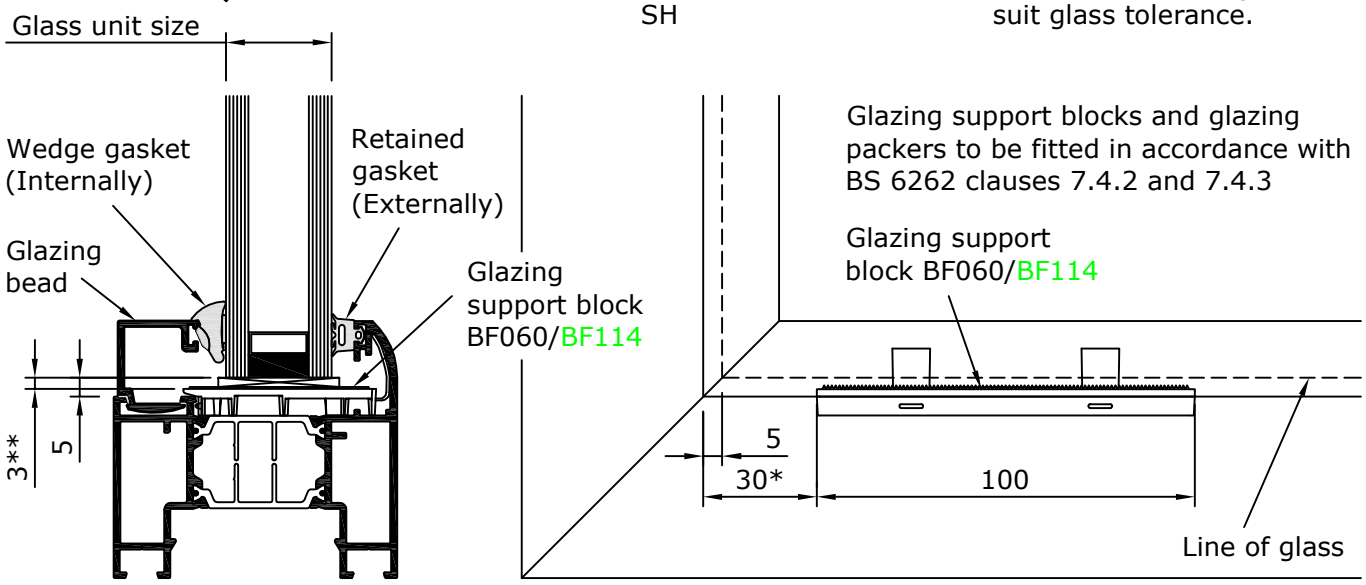
BF114 glass jack glazing support

BF060 glazing support

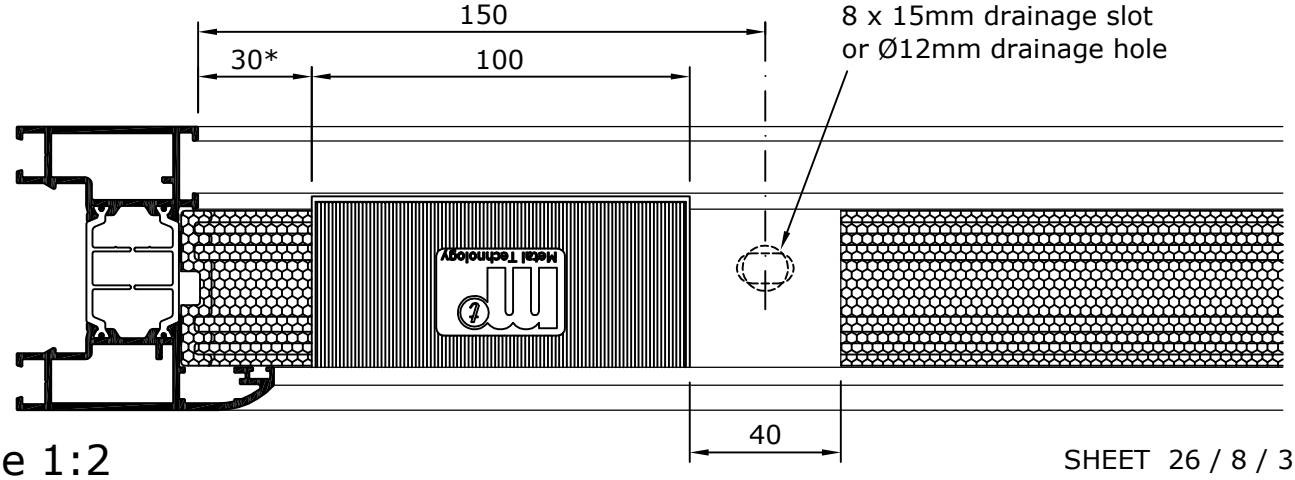


* Minimum dimension. Setting blocks to be positioned to avoid drainage slots.

** Additional glazing packers by window installer. Approximate thickness 3mm, adjusted to suit glass tolerance.



In Hi+ applications only 6727 glazing unit perimeter foam to abut BF060/BF114 glazing support, except at cill drainage position, as illustrated below.

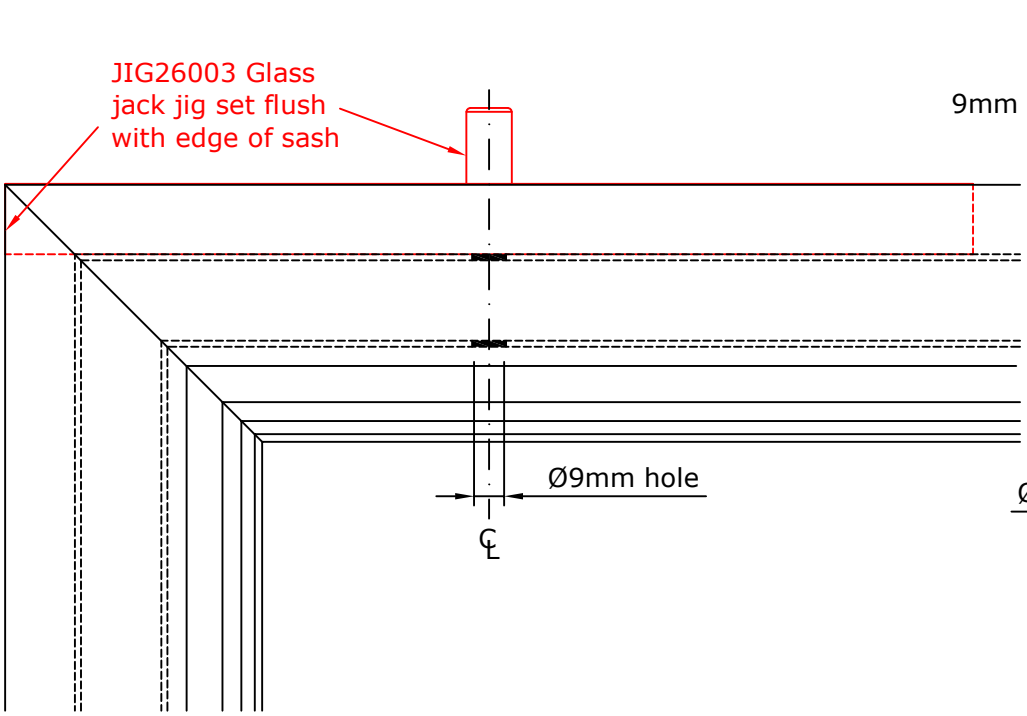


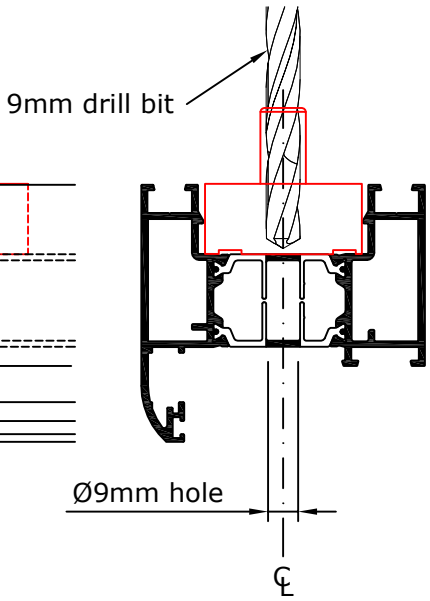
Scale 1:2

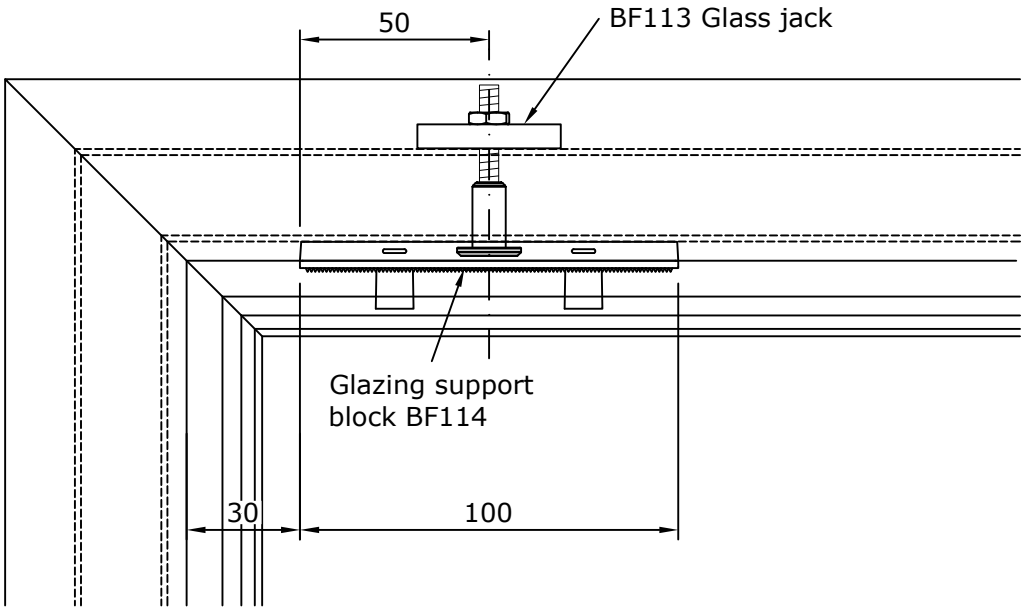
BF113 Glass Jack Details

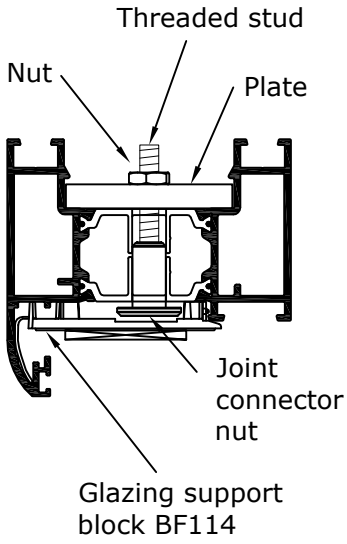
System 26 Hi/Hi+
BI-FOLDING DOOR

1. If glass jack plate has not been inserted into sash profile prior to crimping, remove nibs at mitre corner and insert plate into groove in sash profile.
2. Using JIG26003 glass jack jig, drill Ø9mm hole through polyamide strips 80mm from inside corner of crimped sash, at positions indicated for BF114 glass jack glazing support on "Glazing Details" sheet.
3. Assemble joint connector nut onto threaded stud, ensuring 3mm allen key recess is accessible at opposite end.
4. Position plate over Ø9mm hole, through polyamide strips.
5. Insert assembled joint connector nut and threaded stud into Ø9mm hole from glazing side of sash, into threaded hole in plate. Screw into place using 5mm allen key into joint connector nut.
6. Screw nut onto opposite end of threaded stud.
7. Clip BF114 glass jack glazing support into position, ensuring recess in glazing support locates over joint connector nut.
8. After door has been fitted and glazed, alignment of sash may be adjusted by slackening/removing nut and turning 3mm allen key in threaded stud.
9. When sash has been adjusted, lock threaded stud into position by tightening nut against plate.









Scale 1:2

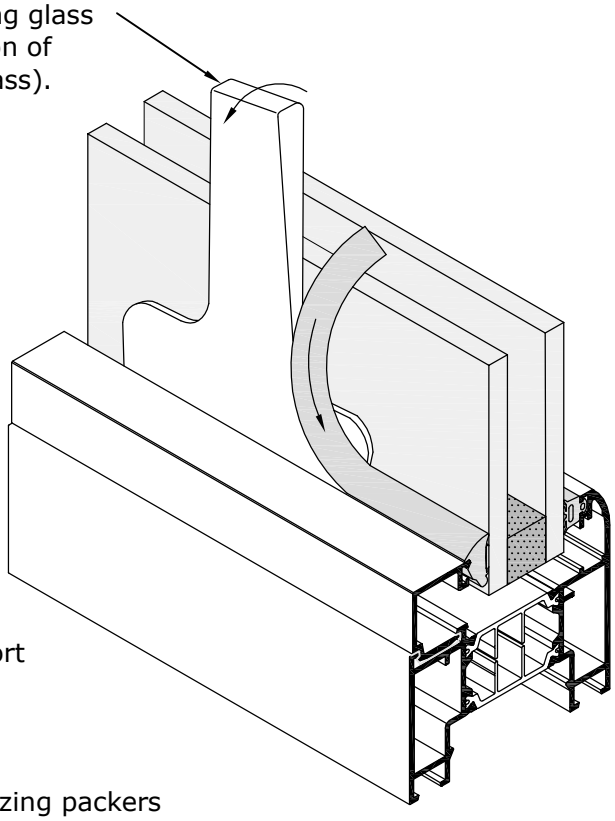
Glazing Procedure

3-Dimensional Details

System 26 Hi/Hi+

BI-FOLDING DOOR

Use glazing paddle to press pane against external retained gasket and insert wedge gasket. To help facilitate installation of glazing gaskets, Metal Technology suggest spraying glass edge with silicone spray 7400 (subject to confirmation of compatibility with glass coatings - ie self-cleaning glass).



For glazing details and glazing options see "Glazing Bead and Gasket Requirements" and "Glazing Details" sheets.

FOLLOWING CORRECT GLAZING PROCEDURE
ALL SASHES TO BE CHECKED FOR OPERATION.

Not to Scale

Site Glazing Procedures

System 26 Hi/Hi+
BI-FOLDING DOOR

1. Clean gasket mounting surfaces and races. Ensure glazing cavity is clean and free from debris and swarf and that all drainage slots are adequate and free of obstruction.

2. Check that the gaskets are clean and in a relaxed condition. If gaskets have been stretched they should be left for a sufficient period to allow them to return to their natural state.

3. If the gaskets show visible imperfections, such as cuts or abrasions, they should be replaced.

4. Clean the perimeter of the glass and check for any imperfections and/or damage.

5. Place glazing support blocks BF060 and BF114 in position within the frame ensuring that drainage slots are not obstructed.

6. Apply HR50328A sealant to mating surface of the captive gasket with the glass at the mitred corners, immediately prior to offering up the glazing unit. Refer to "Weatherseal Application Details" sheet.

7. Insert the glass and centralise within the frame, with additional glass packers at setting and location block positions as required. See "Glazing Details" sheet. Ensure glass is correctly "heel and toed" towards the hinge side of the sash and is packed so that the sash sits square within the outer frame.

8. Fit the beads to the frame.

9. Mitre cut wedge gasket into four individual lengths. Where required these may be cut oversize by 1% - 3% to accommodate possible shrinkage.

10. Fit wedge gasket into corners first, then at the centre and then install the centre of each loop until complete.

11. Ensure that the gasket is properly located in the race/nib.

12. Ensure that the wedge gasket forces the glass onto the pre-installed retained gasket (CA25A, 6080 or 6081) and is not loose. Gaskets should be tight to fit - slack gaskets cause leaks. If lubricant is necessary Metal Technology suggest spraying glass edge with 7400 silicone spray or a weak solution of mild detergent in water (subject to confirmation of compatibility with glass coatings i.e. self-cleaning glass).

13. Ensure that there are no gaps or overlaps at the corners of the gaskets.

14. Seal all gasket corner joints on site using HR50328A sealant or superglue, as per "Weatherseal Application Details" sheets.

15. Gaskets should be fitted using the correct installation equipment.

16. For additional information on door installation and glazing refer to BS 6262, other relevant British Standards and/or Metal Technology's Technical Department.

Site Adjustment Procedures

System 26 Hi/Hi+

BI-FOLDING DOOR

When all sashes have been installed and glazed, check manual for correct clearances between final sash and adjacent jamb, sash or pass door.

If the gap is not in accordance with the relevant General Arrangement drawing, starting at the meeting detail and working towards the jambs, add or remove hinge shims to adjust the gap accordingly.

To adjust gap remove machine screws from bottom hinge tapping plate (do not loosen grubscrew), fold back hinge leaf, and add or remove a pair of shims as required. Repeat process on the same leaf of the middle and top hinges. When a hinge set has been adjusted re-check gap between final sash and adjacent jamb, sash, or pass door. Should more than one pair of shims need to be adjusted repeat process for hinge leaf on adjacent sash or sashes.

When all hinges have been adjusted, if the final gap still needs to be increased repeat this process to remove the second pair of shims of a hinge set or sets. Ensure the gap between adjacent sashes remains within the tolerance stated on General Arrangement drawings.

Check vertical alignment of door sashes within outer frame and ensure there is an equal 11mm gap between sash and outer frame/threshold. Refer to General Arrangement drawings for setting out datums and tolerances. If gap has changed following glazing, sashes to be adjusted vertically by re-"heel and toeing" glass using glass jack. Refer to "BF113 Glass Jack Details" sheet. If gap at a full roller/top guide position requires vertical adjustment, loosen machine and grub screws in hinge, roller and top guide assemblies, re-position sash, and re-tighten fixings.

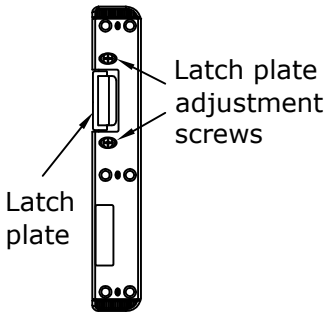
For vertical adjustment of half roller release grub screw at base of roller, using a 2mm allen key. Insert 5mm allen key into top of hinge spindle and rotate spindle to adjust vertical height to achieve 11mm gap. Re-secure grub screw.

When vertical alignment has been adjusted with the door in its closed position, ensure all top guide nylon bushes remain fully/correctly engaged within the outer frame, and do not clash/rub on the outer frame as the door is moved to its fully opened position. Refer to General Arrangement drawings for setting out datums and tolerances of engagement of top guide nylon bushes into outer frame. It may be necessary to re-pack the outer frame at the head or adjust the top guide positions to ensure correct engagement is maintained. Top guides are adjusted in the same manner as their corresponding roller assemblies.

If No 7 screws have not been factory fitted to the keeps, keep positions may be adjusted on site to suit alignment of locking points.

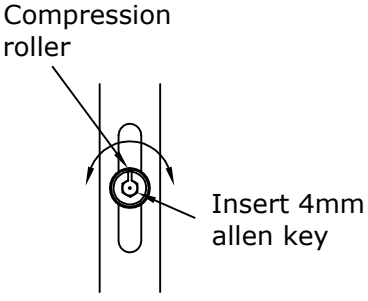
Installer to check operation of pass door and ensure it is adequately restrained in the latched position. If fine-tuning is required, installer to adjust latch plate on central keep accordingly.

Installer to secure pass door by lifting lever handle to engage hook bolts and compression rollers. Check position/alignment of pass door ensuring sash sits flush with outer frame and that all rebate gaskets are adequately and evenly compressed. If further fine-tuning is required installer to adjust compression plate on upper and lower keeps. Further fine-tuning can also be achieved by rotating the compression rollers on the door lock/extension, using a 4mm allen key.



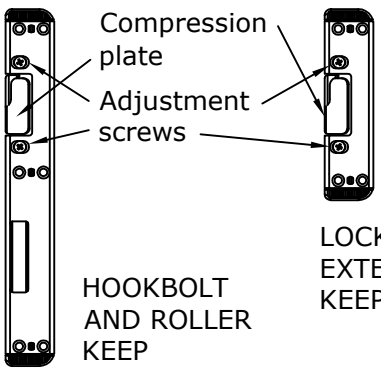
LATCH AND DEADBOLT KEEP

When doors have been correctly positioned and adjusted, installer to secure doors in their fully closed and locked position, ensuring that all ironmongery is engaging correctly. Unlock the doors and move them (including the pass door) to their fully open position. Repeat this procedure several times. If further fine-tuning is necessary installer to adjust accordingly. When fully satisfied that the doors and all ironmongery are operating correctly apply the No 10 x 25mm self drill c/sk kill screws to all hinges, rollers and top guides, and if not factory fitted, secure keeps with No 7 screws. Refer to relevant "Keep Assembly Details" sheets.



DOOR LOCK EXTENSION

Upon completion, installer to ensure all ironmongery is lubricated in accordance with the ironmongery manufacturers recommendations. For further information on installation, adjustment of components, lubrication and maintenance refer to the specific manufacturers technical literature available from Metal Technology's Technical Department.



HOOKBOLT AND ROLLER KEEP

LOCK EXTENSION KEEP

Structural Properties

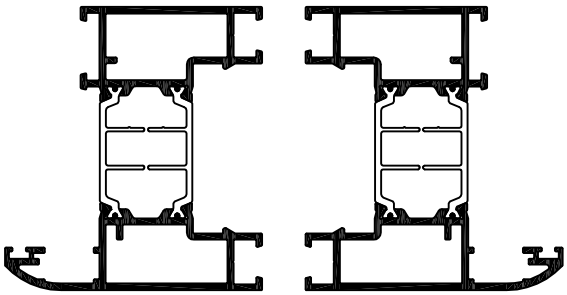
System 26 Hi/Hi+

BI-FOLDING DOOR

Select values according to span

All structural values in cm^4

Calculation of composite Ixx values based on BS EN 14024: 2004

Section		Ixx values (cm^4) based on span in metres		
Representative profile drawing	Section Number	Up to 2m	2 to 2.5m	2.5 to 3m
	BF005007/ BF005007 or BF006007/ BF006007	70.16	76.76	80.98

Scale 1:2

System 26 Hi/Hi+ Bi-Folding Door

APPENDIX

Section 0: Specification, Profile Index and Component ID

26/0/10 rev 5	Specification Hi/Hi+
26/0/20 rev 8	Specification Hi/Hi+
26/0/30 rev 5	Profile Index Hi/Hi+
26/0/40 rev 7	Profile Index Hi/Hi+
26/0/50 rev 10	Component Identification Hi/Hi+
26/0/60 rev 10	Component Identification Hi/Hi+
26/0/70 rev 5	Component Identification Hi/Hi+
26/0/80 rev 4	Component Identification Hi/Hi+
26/0/90 rev 3	Component Identification Hi+
26/0/100 rev 8	Component Identification Hi/Hi+
26/0/110 rev 3	Component Identification Hi+
26/0/120 rev 8	Component Identification Hi/Hi+
26/0/130 rev 1	Component Identification Hi/Hi+
26/0/140 rev 2	Component Identification Hi/Hi+

Section 1: Section Drawings

26/1/10 rev 2	Section Drawings Hi/Hi+
26/1/20 rev 3	Section Drawings Hi/Hi+
26/1/30 rev 3	Section Drawings Hi/Hi+
26/1/40 rev 3	Section Drawings Hi/Hi+
26/1/50 rev 1	Section Drawings Hi/Hi+
26/1/60 rev 1	Section Drawings Hi/Hi+

Section 2: General Arrangement Drawings

26/2/10 rev 4	General Arrangement - 26Hi 3-Dimensional Assembly Detail Hi
26/2/20 rev 5	General Arrangement - 26Hi+ 3-Dimensional Assembly Detail Hi+
26/2/30 rev 5	Typical Elevations - Two and Three Leaf Doors Hi/Hi+
26/2/40 rev 7	Typical Elevations - Four Leaf Doors Hi/Hi+
26/2/50 rev 4	Typical Elevations - Five Leaf Doors Hi/Hi+
26/2/60 rev 6	Typical Elevations - Five and Six Leaf Doors Hi/Hi+
26/2/70 rev 6	Typical Elevations - Six Leaf Doors Hi/Hi+
26/2/80 rev 9	Typical Elevations - Seven Leaf Doors Hi/Hi+

26/2/90 rev 8	Typical Elevations - Seven Leaf Doors Hi/Hi+
26/2/100 rev 12	Door Jamb Details Open-Out Hi
26/2/110 rev 10	Door Jamb Details Open-In Hi
26/2/120 rev 6	Meeting Stiles Hi
26/2/130 rev 6	Meeting Stiles Hi
26/2/140 rev 7	Meeting Stiles Hi
26/2/150 rev 6	Meeting Stiles Hi
26/2/160 rev 7	Meeting Stiles Hi
26/2/170 rev 7	Rebated Head and Threshold Hi
26/2/180 rev 6	Rebated Head and Low Threshold Hi
26/2/190 rev 6	Rebated Head and Low Threshold - Owner-Occupied Domestic Applications Only Hi
26/2/200 rev 9	Coupling Mullions Hi
26/2/210 rev 9	Coupling Mullions Hi
26/2/220 rev 6	90° Corner Post Hi
26/2/230 rev 4	Curtain Wall Insert Open-Out Hi
26/2/240 rev 3	Curtain Wall Insert Open-In Hi
26/2/250 rev 6	Door Jamb Details Open-Out Hi+
26/2/260 rev 7	Door Jamb Details Open-In Hi+
26/2/270 rev 6	Meeting Stiles Hi+
26/2/280 rev 6	Meeting Stiles Hi+
26/2/290 rev 5	Meeting Stiles Hi+
26/2/300 rev 4	Meeting Stiles Hi+
26/2/310 rev 5	Meeting Stiles Hi+
26/2/320 rev 2	Rebated Head and Threshold Hi+
26/2/330 rev 2	Rebated Head and Low Threshold Hi+
26/2/340 rev 2	Rebated Head and Low Threshold - Owner-Occupied Domestic Applications Only Hi+
26/2/350 rev 3	Coupling Mullions Hi+
26/2/360 rev 3	Coupling Mullions Hi+
26/2/370 rev 2	90° Corner Post Hi+
26/2/380 rev 0	Curtain Wall Insert Open-Out Hi+
26/2/390 rev 1	Curtain Wall Insert Open-In Hi+
26/2/400 rev 2	Cill Options Hi/Hi+
26/2/410 rev 2	Head Liner Hi/Hi+

Section 3: Ironmongery Requirements

26/3/10 rev 5	General Cautionary Notes Hi/Hi+

26/3/20 rev 6	Ironmongery - Handles, Locks, Lock Extension and Cylinders Hi/Hi+
26/3/30 rev 8	Ironmongery - Shoot Bolts, Hinge, Roller and Guide Assemblies, Tapping Blocks, Adjustment shims, Adhesives and Sealants Hi/Hi+
26/3/40 rev 6	BF050 Lock and Keep Details - 1900mm to 2200mm Open In and Open Out with Rebated and Low Thresholds Hi/Hi+
26/3/50 rev 4	BF051 Lock Extension Details - 2201mm to 2500mm Open In and Open Out Hi/Hi+
26/3/60 rev 4	BF061 Shootbolt Lock Details - 1900mm to 2500mm Open In and Open Out with Rebated and Low Thresholds Hi/Hi+
26/3/70 rev 8	Security Requirements Hi/Hi+
26/3/80 rev 9	Security Requirements Hi/Hi+
26/3/90 rev 8	Kitting List - Type 1A (1-1-0) Hi/Hi+
26/3/100 rev 10	Kitting List - Type 2A (2-1-1) Hi/Hi+
26/3/110 rev 8	Kitting List - Type 2B (2-2-0) Hi/Hi+
26/3/120 rev 9	Kitting List - Type 3A (3-1-2) Hi/Hi+
26/3/130 rev 9	Kitting List - Type 3C (3-3-0) Hi/Hi+
26/3/140 rev 9	Kitting List - Type 4A (4-1-3) Hi/Hi+
26/3/150 rev 9	Kitting List - Type 4B (4-4-0) Hi/Hi+
26/3/160 rev 9	Kitting List - Type 4D (4-2-2) Hi/Hi+
26/3/170 rev 10	Kitting List - Type 5A (5-1-4) Hi/Hi+
26/3/180 rev 9	Kitting List - Type 5C (5-5-0) Hi/Hi+
26/3/190 rev 10	Kitting List - Type 5E (5-3-2) Hi/Hi+
26/3/200 rev 8	Kitting List - Type 6A (6-1-5) Hi/Hi+
26/3/210 rev 6	Kitting List - Type 6B (6-6-0) Hi/Hi+
26/3/220 rev 7	Kitting List - Type 6E (6-3-3) Hi/Hi+
26/3/230 rev 7	Kitting List - Type 7A (7-1-6) Hi/Hi+
26/3/240 rev 7	Kitting List - Type 7C (7-7-0) Hi/Hi+
26/3/250 rev 7	Kitting List - Type 7E (7-3-4) Hi/Hi+
26/3/260 rev 7	Kitting List - Type 7E (7-5-2) Hi/Hi+
26/3/270 rev 4	Door Leaf Size Limitation Chart Hi/Hi+
26/3/280 rev 2	Door Type Maximum and Minimum Size Limitations Hi/Hi+
26/3/290 rev 2	Door Type Maximum and Minimum Size Limitations Hi/Hi+
26/3/300 rev 2	Door Type Maximum and Minimum Size Limitations Hi/Hi+
26/3/310 rev 2	Door Type Maximum and Minimum Size Limitations Hi/Hi+
26/3/320 rev 2	Door Type Maximum and Minimum Size Limitations Hi/Hi+
26/3/330 rev 2	Door Type Maximum and Minimum Size Limitations Hi/Hi+
26/3/340 rev 2	Door Type Maximum and Minimum Size Limitations Hi/Hi+
26/3/350 rev 1	Door Type Maximum and Minimum Size Limitations Hi/Hi+
26/3/360 rev 0	Door Type Maximum and Minimum Size Limitations Hi/Hi+

26/3/370 rev 0	Door Type Maximum and Minimum Size Limitations Hi/Hi+

Section 4: Profile Cutting and Prepping Details

26/4/10 rev 6	Bar Cutting Sizes Hi/Hi+
26/4/20 rev 2	FFSS Ready Reckoner - (To Calculate Fixed Frame Sight Sizes) Hi/Hi+
26/4/30 rev 5	Sash Bar Cutting Sizes Hi/Hi+
26/4/40 rev 2	Fabrication and Cutting Sizes - Open Out and Open In Doors with Rebated Threshold Hi/Hi+
26/4/50 rev 4	Fabrication and Cutting Sizes - Open Out and Open In Doors with Low Threshold Hi/Hi+
26/4/60 rev 3	Fabrication and Cutting Sizes - Open Out and Open In Doors with Low Threshold for Owner-Occupied Domestic Applications Only Hi/Hi+
26/4/70 rev 3	Fabrication and Cutting Sizes - Outer Frame (Fully Rebated) - Door Assembly Hi/Hi+
26/4/80 rev 2	Fabrication and Cutting Sizes - Outer Frame (Low Threshold) - Door Assembly Hi/Hi+
26/4/90 rev 3	Saw Blocks Hi/Hi+
26/4/100 rev 2	Outer Frame End Prep - For Open Out and Open In Doors with Low Threshold Hi/Hi+
26/4/110 rev 4	Sash Prep for Hinge Tapping Block Hi/Hi+
26/4/120 rev 3	Prep for Multi-Point Dead Lock BF050 and Handles BF052 - Open Out Door Sash BF005007 or BF006007 Hi/Hi+
26/4/130 rev 3	Prep for Multi-Point Dead Lock BF050 and Handles BF052 - Open In Door Sash BF005007 or BF006007 Hi/Hi+
26/4/140 rev 4	Prep for Multi-Point Dead Lock BF050 and Handles BF118 - Open Out Door Sash BF005007 or BF006007 Hi/Hi+
26/4/150 rev 4	Prep for Multi-Point Dead Lock BF050 and Handles BF118 - Open In Door Sash BF005007 or BF006007 Hi/Hi+
26/4/160 rev 3	Preps for BF061 Shoot Bolt Lock and Handles - Open Out and Open In Door Sashes - Section E1-E1 Hi/Hi+
26/4/170 rev 4	Preps for BF061 Shoot Bolt Lock and Handles - Open Out Door Sash - Section D1-D1 Hi/Hi+
26/4/180 rev 4	Preps for BF061 Shoot Bolt Lock and Handles - Open In Door Sash - Section D1-D1 Hi/Hi+
26/4/190 rev 4	Prep for Shoot Bolt and Guide Block - Door Sash BF005007 or BF006007 Hi/Hi+
26/4/200 rev 3	Sash Prep for Half Top Guide and Half Roller Assemblies - Door Sash BF005007 or BF006007 Hi/Hi+
26/4/210 rev 3	Jig Prep for Half Top Guide and Half Roller Assemblies - Door Sash BF005007 or BF006007 Hi/Hi+
26/4/220 rev 2	Rebate Adaptor End Preps - Rebated Head and Rebated Threshold Hi/Hi+
26/4/230 rev 1	Rebate Adaptor End Preps - Rebated Head and Low Threshold Hi/Hi+
26/4/240 rev 1	Rebated Jamb Adaptor Prep Hi/Hi+
26/4/250 rev 0	Sash Prep for Brush Seal Carrier - For Open Out and Open In Doors with Low Threshold Hi/Hi+

Section 5: Drainage Details

26/5/10 rev 4	Drainage Details - To Suit Rebated Outer Frames Hi/Hi+
26/5/20 rev 5	Drainage Details - To Suit Low Threshold Hi/Hi+
26/5/30 rev 3	Drainage Details - To Suit Open In and Open Out Door Sashes Hi
26/5/40 rev 2	Drainage Details - To Suit Open In and Open Out Door Sashes Hi+
26/5/50 rev 2	Pressure Equalisation - Sash Hi/Hi+
26/5/60 rev 3	Pressure Equalisation - Outer Frame Hi/Hi+
26/5/70 rev 0	Rebated Threshold Drainage End Seal Hi/Hi+

Section 6: Assembly Details

26/6/10 rev 3	Corner Assembly Details - Outer Frame Hi/Hi+
26/6/20 rev 4	Mechanical Corner Details - Outer Frame Hi/Hi+
26/6/30 rev 3	Corner Assembly Details - Sash Hi/Hi+
26/6/40 rev 2	Corner Crimping Detail - Sash Hi/Hi+
26/6/50 rev 2	Assembly Detail - Low Threshold to Frame - Open Out Hi/Hi+
26/6/60 rev 1	Assembly Detail - Low Threshold to Frame - Open In Hi/Hi+
26/6/70 rev 4	Rebate Adaptor Assembly Details - Section D1-D1, D2-D2 and F-F Hi/Hi+
26/6/80 rev 4	Rebate Adaptor Assembly Details - Section Section B-B Hi/Hi+
26/6/90 rev 8	BF020 and BF021 Security Reinforcement Assembly Details Hi/Hi+
26/6/100 rev 5	BF030 Pvc Liner Assembly Details - Section D1-D1 and D2-D2 Hi/Hi+
26/6/110 rev 4	BF030 Pvc Liner Assembly Details - Section B-B Hi/Hi+
26/6/120 rev 2	Rebated Jamb Adaptor Assembly Details Hi/Hi+
26/6/130 rev 0	BF013 Brush Seal Carrier Detail Hi/Hi+

Section 7: Ironmongery and Component Assembly

26/7/10 rev 7	BF050 Lock Fixing Details Hi/Hi+
26/7/20 rev 6	BF052 Handle and Lock Details at Section B-B Hi/Hi+
26/7/30 rev 5	BF052 Handle and Lock Details at Section D2-D2 Hi/Hi+
26/7/40 rev 7	BF052 Handle and Lock Details at Section D1-D1 Hi/Hi+
26/7/50 rev 5	BF057 and BF058 Handle and Lock Details at Section E1-E1 Hi/Hi+
26/7/60 rev 8	BF118 Security Handle and Lock Details at Section B-B Hi/Hi+
26/7/70 rev 4	BF118 Security Handle and Lock Details at Section D2-D2 Hi/Hi+
26/7/80 rev 7	BF118 Security Handle and Lock Details at Section D1-D1 Hi/Hi+
26/7/90 rev 4	BF057 Security Handle and Lock Details at Section E1-E1 Hi/Hi+
26/7/100 rev 5	BF118 Security Handle Assembly Detail Hi/Hi+
26/7/110 rev 4	Application of HR5064 Foil-backed Sealant Tape Hi/Hi+
26/7/120 rev 6	Shootbolt Lock Assembly Hi/Hi+
26/7/130 rev 6	Shoot Bolt Application Hi/Hi+
26/7/140 rev 8	Security Shootbolt Lock Assembly Hi/Hi+
26/7/150 rev 7	Security Shoot Bolt Application Hi/Hi+
26/7/160 rev 6	Keep Assembly Details at Jamb Hi/Hi+
26/7/170 rev 9	Keep Assembly Details at Stile Hi/Hi+
26/7/180 rev 9	Hinge Application Hi/Hi+
26/7/190 rev 7	Hinge Tapping Block Application - For Top and Bottom Hinge Assemblies BF040, BF041 and BF045 Hi/Hi+
26/7/200 rev 3	Hinge Application - BF045 Hinge Assembly Hi/Hi+

26/7/210 rev 3	Hinge Application - BF044 'D' Handle Hinge Assembly and BF048 'D' Handle Assembly Hi/Hi+
26/7/220 rev 2	Roller and Top Guide Application Hi/Hi+
26/7/230 rev 2	Roller and Top Guide Application - Open Out Hi/Hi+
26/7/240 rev 2	Roller and Top Guide Application - Open In Hi/Hi+
26/7/250 rev 4	Half Roller and Half Top Guide Application Hi/Hi+
26/7/260 rev 2	Half Roller and Half Top Guide Application - Open Out Hi/Hi+
26/7/270 rev 2	Half Roller and Half Top Guide Application - Open In Hi/Hi+
26/7/280 rev 2	BF035 Support Block Application - Open Out Doors - Door Types 2B, 3A, 4B, 4D, 5A, 5E, 6B, 7A, 7E Hi/Hi+
26/7/290 rev 1	BF035 Support Block Application - Open In Doors - Door Types 2B, 3A, 4B, 4D, 5A, 5E, 6B, 7A, 7E Hi/Hi+
26/7/300 rev 0	Magnetic Door Stop Application Hi/Hi+

Section 8: Gaskets, Glazing, and Installation

26/8/10 rev 8	Glazing Bead and Gasket Requirements Hi/Hi+
26/8/20 rev 9	Weatherseal Application Details - Weatherseal CS60, Pvc Infill BF029 and Reinforcing Infill BF120 Hi/Hi+
26/8/30 rev 9	Weatherseal Application Details - BF037 Flipper Seal into Outer Frame at Section A-A Hi/Hi+
26/8/40 rev 7	Weatherseal Application Details - BF037 Gaskets into Outer Frame at Section B-B Hi/Hi+
26/8/50 rev 7	Weatherseal Application Details - BF037 and BF038 Gaskets into Outer Frame at Section C-C Hi/Hi+
26/8/60 rev 7	Weatherseal Application Details - BF036 Bubble Seal into Sash at Sections A-A, B-B and C-C Hi/Hi+
26/8/70 rev 7	Weatherseal Application Details - BF038 Large Bubble Seal into Sash at Section C-C Hi/Hi+
26/8/80 rev 6	Weatherseal Application Details, Open Out - BF036 and BF037 Gaskets into Sash at Sections D1-D1 and D2-D2 Hi/Hi+
26/8/90 rev 7	Weatherseal Application Details, Open In - BF036 and BF037 Gaskets into Sash at Sections D1-D1 and D2-D2 Hi/Hi+
26/8/100 rev 5	Weatherseal Application Details, Open Out - BF036 Bubble Seal into Sash at Section E1-E1 Hi/Hi+
26/8/110 rev 5	Weatherseal Application Details, Open In - BF036 Bubble Seal into Sash at Section E1-E1 Hi/Hi+
26/8/120 rev 4	Weatherseal Application Details - BF036 Bubble Seal Prep Hi/Hi+
26/8/130 rev 8	Weatherseal Application Details - BF036 Bubble Seal Prep Hi/Hi+
26/8/140 rev 4	Weatherseal Application Details - BF036 Sealing Detail at BF014 Rebate Adaptor at Rebated Side of Outer Frame Hi/Hi+
26/8/150 rev 6	Weatherseal Application Details, Open Out - BF038 Large Bubble Seal into Sash at Section F-F Hi/Hi+
26/8/160 rev 5	Weatherseal Application Details, Open In - BF038 Large Bubble Seal into Sash at Section F-F Hi/Hi+
26/8/170 rev 6	Weatherseal Application Details - Gasket CA25A, 6080, 6081 (Outside), Wedge 066, BF109, CA27, PTT36 (Inside) Hi/Hi+
26/8/180 rev 4	Frame Perimeter Foam Application Details - BF053 Frame Perimeter Foam into Outer Frame at Sections A-A, B-B and C-C Hi+
26/8/190 rev 4	Thermal Gasket Application Details - 6076 Thermal Gasket into Sash at Sections D1-D1 and D2-D2 Hi+
26/8/200 rev 4	Sash Perimeter Foam Application Details - BF034 Sash Perimeter Foam into Sash at Sections A-A, C-C, E1-E1, E2-E2 and F-F Hi+
26/8/210 rev 3	Glazing Unit Perimeter Foam Application Details - Glazing Unit Perimeter Foam 6727 Hi+
26/8/220 rev 2	Installation Procedures Hi/Hi+
26/8/230 rev 2	Installation Procedures Hi/Hi+
26/8/240 rev 3	Typical Lug Fixing Detail - Open In and Open Out Applications (including Rebated Threshold) Hi/Hi+

26/8/250 rev 4	Typical Direct Fixing Detail - Open In and Open Out Applications with Flush Threshold Hi/Hi+
26/8/260 rev 3	Typical Direct Fixing Detail - Open Out Applications with Rebated Threshold Hi/Hi+
26/8/270 rev 3	Typical Direct Fixing Detail - Open In Applications with Rebated Threshold Hi/Hi+
26/8/280 rev 4	150mm Sub-Cill Hi/Hi+
26/8/290 rev 3	190mm Sub-Cill Hi/Hi+
26/8/300 rev 2	150mm Sub-Cill Hi/Hi+
26/8/310 rev 2	190mm Sub-Cill Hi/Hi+
26/8/320 rev 2	Flush Head Liner Hi/Hi+
26/8/330 rev 2	Flush Head Liner Hi/Hi+
26/8/340 rev 1	Typical Curtain Wall Fixing Detail Hi/Hi+
26/8/350 rev 2	Glazing Details Hi/Hi+
26/8/360 rev 3	BF113 Glass Jack Details Hi/Hi+
26/8/370 rev 2	Glazing Procedure - 3-Dimensional Details Hi/Hi+
26/8/380 rev 2	Site Glazing Procedures Hi/Hi+
26/8/390 rev 1	Site Adjustment Procedures Hi/Hi+

Section 9: Structural Properties

26/9/10 rev 2	Structural Properties Hi/Hi+