



Architectural Glazing Solutions



**Since 1985
Metal Technology
has been defining
spaces through its
architectural glazing
solutions and has
grown to become
one of the UK and
Ireland's leading
designers and
suppliers of bespoke
aluminium window,
door, curtain
wall and solar
shading systems
for commercial
and residential
applications.**



Defining Spaces



Committed to excellence in all aspects of sustainable product design, customer service and technical support, Metal Technology has become a trusted partner of fabricators, developers, contractors and architects. The company invests in and operates dedicated supply-chain relationships with a number of the largest construction companies in the marketplace.

From its three-acre manufacturing and distribution headquarters, it operates daily dispatches to the UK and Ireland. The company is accredited for both quality and environmental standards, ISO 9001 and ISO 14001 respectively.

Metal Technology is committed to developing products which minimise their environmental impact but provide high levels of insulation and thermal performance. Using the latest design technology its commercial system portfolio allows architects and designers the flexibility to create stunning façades while achieving stringent performance criteria.

This design and engineering expertise has extended into its residential product range to blend aesthetic elegance with security, energy efficiency and sustainability.

This company profile gives an insight into the business, its ethos, the market sectors in which it operates and showcases some of its projects.





Metal Technology offers a comprehensive design and specification service to architects, developers and main contractors through its team of dedicated architectural advisors. Tailored specifications can be provided in NBS Plus format along with CAD details and performance data as well as BIM family models, all of which are available online at metaltechnology.com

A comprehensive range of high performance, thermally efficient systems offering bespoke solutions and total design flexibility for commercial and residential applications.

Windows

Casement | Tilt Turn | Parallel Opening
Top Swing | Pivot | Vertical Sliding | Horizontal Sliding

Doors

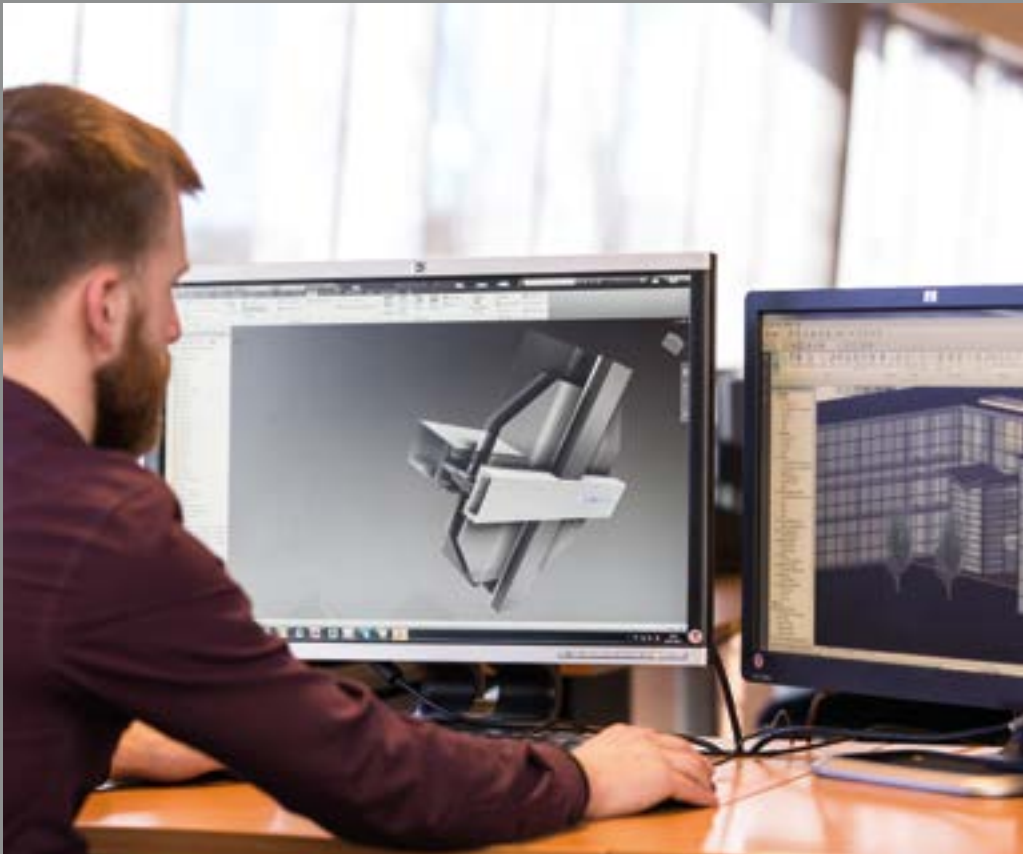
Hinged | Pivot | Panic | Security | Bi-fold | Tilt Slide | Lift Slide

Curtain Walling

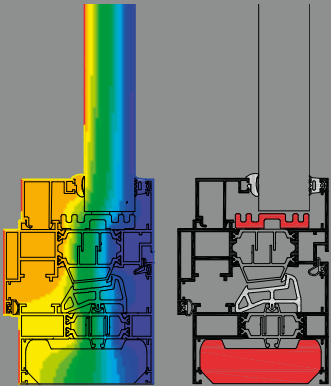
Mullion Drained | Zone Drained | Silicone Pointed | Cassette
Latitude | Roof Glazing

Brise Soleil

Louvres



WER Rating Scale	Window Rating
• A+ •	A+
A	
B	
C	
D	
E	
F	
G	



Thermal modelling and free airflow software allows information to be analysed accurately at an early design stage assisting with WER (Window Energy Ratings) and BREEAM assessments.

Commercial

Project Title	Fire Station Omagh
Architect	HLM
Main Contractor	Lowry Brothers



From office blocks to business parks, the company's range of curtain walling, windows, doors and ground floor treatments offers high performance architectural fenestration while giving total design flexibility for both low and high rise applications.

Project Title | **Merit House | London**
Architect | AWW
Main Contractor | Area²



Project Title | **Lanyon Place | Belfast**
Architect | Broadway Malyan
Main Contractor | Henry Brothers



Project Title
Architect
Main Contractor

Scottish Crime Campus | Glasgow
BMJ Architects
Graham Construction & Balfour Beatty



Project Title	Somerstown Community Hub Portsmouth
Architect	BAM
Main Contractor	BAM



Residential Apartments

Project Title
Architect
Main Contractor

Marine Wharf | London
RHWL
Ardmore Construction



Metal Technology's low U-value thermally efficient systems offer complete peace of mind for functionality, security and maintenance in apartment design. A+ rated windows, sliding doors and floor to ceiling glazing offers architects and developers the total design concept.

Project Title | **Bow Common Lane | London**
Architect | CJCT
Main Contractor | Higgins Construction



Project Title | **Kew Bridge | London**
Architect | Broadway Malyan
Main Contractor | Ardmore Construction



Residential



Project Title	Grand Designs Grillagh Water Northern Ireland
Architect	Patrick Bradley
Main Contractor	Thornton Roofing



Metal Technology offers the same level of high performance, thermal efficiency and aesthetic freedom they have for their commercial systems to architects designing homes. The durability of dual colour powder coated finishes, triple glazing and secure by design (SBD) status ensures each home is safe and secure with products which last a lifetime.

Project Title	Private House Northern Ireland
Architect	Warwick Stewart Architects
Main Contractor	M E Crowe



Project Title	Private House Manchester
Architect	Hall Needham Associates
Main Contractor	PLP Construction





Metal Technology has an extensive track record in education. As schools, colleges and universities continue to become more sophisticated and advanced, architects are creating adventurous and expressive buildings combining the design potential of aluminium with its energy efficiency and sustainability. This, combined with robust hardware and value engineered fit for purpose solutions, assists in minimising replacement costs and therefore reducing full life costs.

Project Title | Teeside University | Middlesbrough | England
Architect | CPMG
Main Contractor | Morgan Sindall



Project Title | Elgin Academy | Scotland
Architect | Aedas
Main Contractor | Stewart Milne





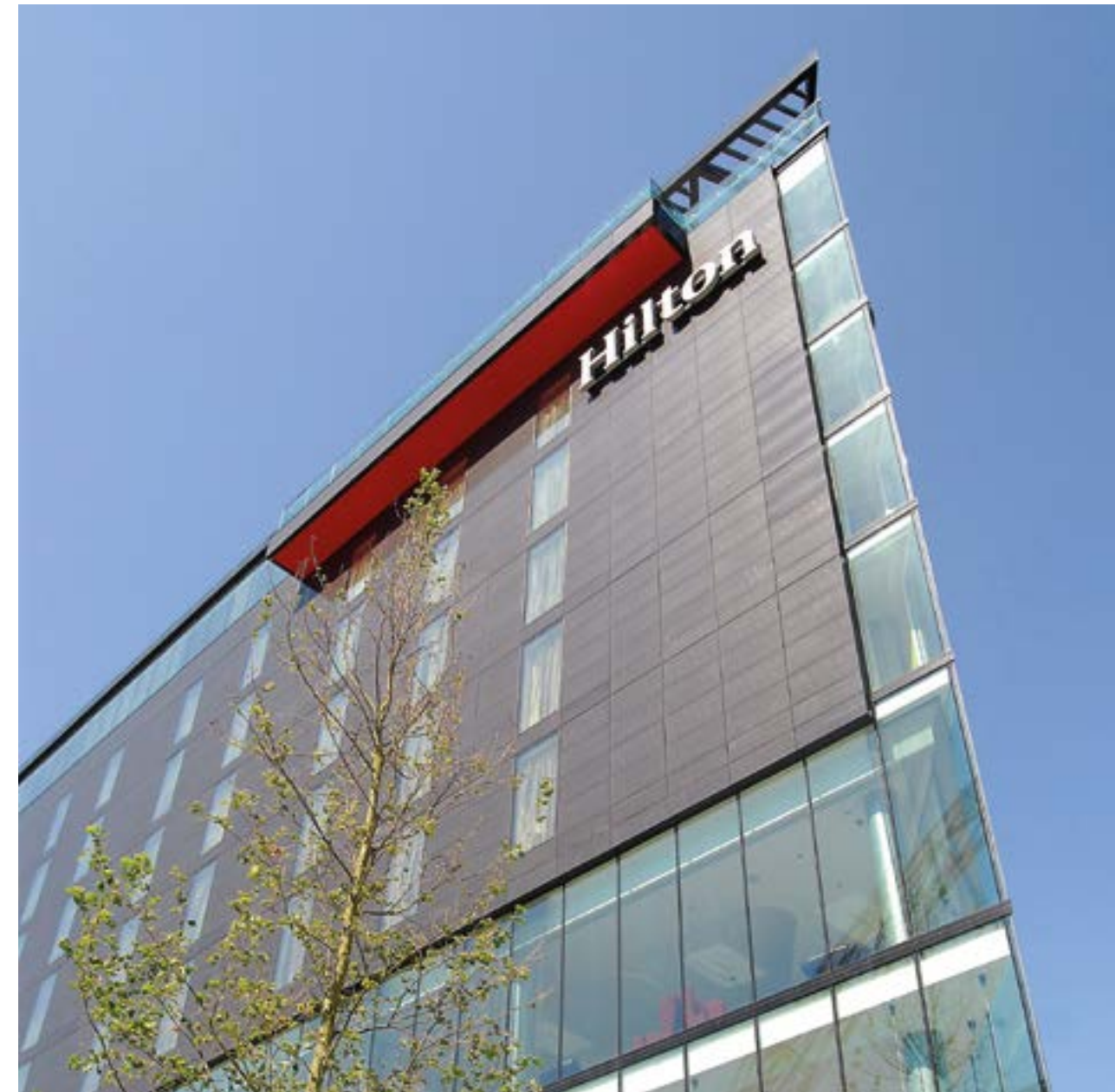
Metal Technology's supply chain partnerships with leading contractors has seen its high insulation systems specified in significant and landmark hospitals and health sector buildings. Window systems can offer key operated restrictors to 100mm, releasable for cleaning. Door systems can be automated and remotely secured to ensure compliance with clients' exit and entrance strategy for health and safety.



Hotel & Leisure



Project Title	Wembley Hilton Hotel London
Architect	The Manser Practice
Main Contractor	John Sisk & Son



Budget resorts through to international hotel chains feature prominently in Metal Technology's project portfolio. Functionality and ease of maintenance are often key to the design process as well as acoustic performance. All can be achieved with our extensive range of window, door and curtain walling systems which have been tested to the latest European and British standards.

Project Title | **Park Inn Hotel | Northern Ireland**
Architect | Todd Architects
Main Contractor | F B McKee & Co



Project Title | **Jurys Inn | Nottingham**
Architect | McAleer & Rushe
Main Contractor | McAleer & Rushe



Social Housing

Project Title
Architect
Main Contractor

Hagley Road Retirement Village | Birmingham
Nicol Thomas
Galliford Try



Metal Technology works with architects, local authorities and housing associations to provide high insulation window and door systems for both replacement and new build applications. BFRC rated windows ensure compliance with the latest building regulations with automated entry systems offering security to Secure by Design standards.

Project Title | **Mottram Street | Stockport**
Architect | Stockport Housing Association
Main Contractor | Stockport Housing Association



Project Title | **Ferrier Point | London**
Architect | ECD Architects
Main Contractor | Rydon Construction



Student Accommodation

Project Title
Architect
Main Contractor

Bainfield | Fountainbridge | Edinburgh
Allan Murray Architects
Pochin



In recent years student housing developments have advanced greatly both aesthetically and functionally. Metal Technology's products have proved beneficial for these applications where life cycle, strength and durability are key. This combined with a wide choice of window and door configurations including locking options and security features offers a complete design solution.

Project Title | Collegelands | Glasgow
Architect | Page / Park
Main Contractor | Dawn Developments



Retail

Project Title	Tesco Supermarket Northern Ireland
Architect	Ostick + Williams
Main Contractor	Patton Construction



Project Title	Asda Supermarket Poole Dorset
Architect	Mason Richards Partnership
Main Contractor	HBG Construction



Ground floor treatments exploiting curtain walling have enabled many supermarkets to create enticing, bright and airy entrances to enhance façades and attract consumers. Metal Technology's systems have been used for market leading retailers throughout the UK and Ireland.



Defining Spaces



Sustainability

Metal Technology has a clear commitment to sustainable products that offer the lowest available carbon footprint and Global Warming Potential (GWP) for each particular system. Embodied energy (energy to produce, transport and manufacture) and environmental impact are also considered as part of the procurement package. The intrinsic qualities of aluminium, its infinite recyclability, strength and lightness, durability and low maintenance qualities mean it is one of the most sustainable building materials available.

Our success is built upon a core focus of investment in support, product development and a reduction in our environmental impact.



Environmental

Window Energy Rating software (WER)

BREEAM guidance

Thermal modelling

Life cycle analysis

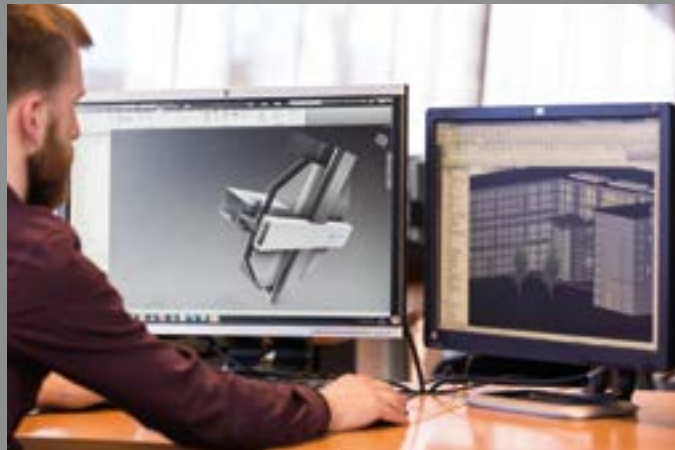
Sustainable products

BRE Green Guide A rated products

Responsible sourcing

Regionally located sales and architectural teams work in partnership with specifiers, developers, main contractors and our national fabricator network.





Support

- Technical design input
- Thermal modelling
- Online BIM models
- Free air calculations
- Security analysis
- Entrance exit strategy
- Estimating/production software
- Training programmes
- Tooling and CNC linked software
- CWCT approved training centre

Product Development

- Bespoke systems tailored to UK and Irish markets.
- High insulation systems offering exceptional U-values.
- Extensive range of UKAS security tested and SBD (Secure by Design) approved window, door and curtain wall systems.
- High rise curtain wall systems.
- Tested to European and CWCT standards.
- On-site production facility offering total control and flexibility.
- 3D software for use in (BIM) modelling.



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