

Building Systems UK

A Tata Steel enterprise



Insulated architectural wall panel systems range at a glance

Building Systems UK, a Tata Steel Enterprise, has been a leading manufacturer and supplier of sustainable construction products in the UK for almost 70 years. Our Trimapanel® and Formawall® insulated architectural wall panels provide optimum thermal performance, strength and are available with full LPCB and FM approvals.

Building Systems UK have a complete range of construction products and services to support your sustainable construction needs - backed by multi decade guarantees for sustainable, durable and guaranteed performance. Our extensive [technical support is available](#) to assist on design calculations, acoustics and fire design. Our technical team can help you with your specification drafting - or you can use our [SPECGEN tool](#).



Key benefits of the secret fix insulated architectural wall panel system range

Fully accredited	Highly durable	Quick installation	Fire resistant	Thermally efficient	Full traceability	Excellent weatherability	Fully guaranteed	Low air permeability

Insulated architectural wall panel system range at a glance

Trimapanel® insulated, secret fix micro-rib insulated architectural wall panel systems

The Trimapanel® range also includes enhanced fire resistance solutions.

[Learn more](#)

[Download datasheets](#)



Trimapanel®

Trimapanel® is an insulated, secret-fix, micro-rib architectural wall-cladding panel that is quick and easy to install for fast build times. Available in a wide range of sizes, shapes and colours, the system is also available for vertical and horizontal application.

[Learn more](#)

Trimapanel® FW (firewall)

Trimapanel® FW is an insulated secret fix micro-rib architectural wall panel with enhanced fire resistance that provides an architectural external aesthetic to your building facade.

[Learn more](#)



Lanswood Park, Colchester



Minsthorpe Leisure Centre, Pontefract

Trimapanel® FTF (frame to frame)

Trimapanel® FTF (frame-to-frame) system is an enhanced panel with the ability to span up to 8 metres, enabling the product to run horizontally between main frame steelwork or alternatively vertically between base and eaves rails.

[Learn more](#)

Trimapanel® Flat

Trimapanel® Flat is an insulated, secret-fix, smooth faced wall cladding system that gives a elegant finish that is quick and easy to install for fast build times.

[Learn more](#)

Trimapanel® Flat FW (firewall)

Trimapanel® Flat is an insulated, secret-fix, smooth faced wall cladding system that gives a elegant finish that is quick and easy to install for fast build times and provides enhanced fire resistance.

[Learn more](#)

Formawall® insulated, secret-fix, smooth faced composite wall panels

The Formawall® range also includes enhanced fire resistance solutions.

[Learn more](#)

[Download datasheets](#)



Formawall®

Formawall® is a smooth faced, secret fixed flat insulated architectural wall panel system which is a one fix construction giving a high end architectural appearance. Formawall® is also available in Colorcoat Prisma® pre-finished steel in a range of colours and sizes, and offers extensive fabrication options

[Learn more](#)

Formawall® FW (firewall)

Formawall® FW from Building Systems UK is an insulated secret fix smooth faced architectural wall panel with enhanced fire resistance that provides an architectural external aesthetic to your building facade.

[Learn more](#)



Request a sample

If you are considering various colours and finishes then please contact us for your free sample pack.

[Order your sample](#)



Range comparison information

Available Thicknesses and U-values		
70mm	90mm	120mm
0.31 W/m²K	0.24 W/m²K	0.17 W/m²K

Key features		Trimapanel*	Trimapanel® FW	Trimapanel® Flat	Trimapanel® Flat FW	Trimapanel® FTF	Formawall®	Formawall® FW
External finishes	Colorcoat HPS200	✓	✓	✓	✓	✓	-	-
	Colorcoat Prisma®	✓	✓	-	-	✓	✓	✓
Smooth external finish		-	-	✓	✓	-	✓	✓
Micro ribbed external finish		✓	✓	-	-	✓	-	-
Frame to frame spanning capacity		-	-	-	-	✓	-	-
LPCB	LPS1181-1 EXT-B	✓	✓	✓	✓	✓	✓	✓
FM approval	Class 4880 & 4881	✓	✓	✓	✓	-	✓	✓
*Fire Resistance (min 60 minutes)	EN 1364-1	-	✓	-	✓	-	-	✓

All panels are available as standard with a Colorcoat PE15 internal finish. However, the following finishes are also available in all panel types: Colorcoat® High Reflect, Colorcoat® HPS200 Ultra, Colorcoat Prisma® & Advantica® L Control.
*Fire resistance: All FW products meet minimum 15 minutes insulation and 60 minutes integrity in accordance with EN 1364-1.

Platinum® Plus 25 year system guarantee.

Our range of insulated architectural wall panel systems and a range of system components including fixings, wall lights, sealants and fillers are available with our Platinum® Plus system guarantee providing a complete building envelope solution guarantee for 25 years.

Colorcoat Prisma® pre-finished steel is used as standard, offering long-term performance with the Confidex® Guarantee and providing peace of mind for up to 40 years. [Click here to learn more](#)



Supporting you from start to finish...



Professional support and design

Our dedicated technical team are available to provide support and advice on the best product for your project, and are on hand to help with:

- Thermal modelling
- Fire design
- Full range of design calculations
- Acoustic design
- Specification software
- Full installation details
- Bespoke EPD service
- BREEAM credit assessment
- RIBA approved CPD seminars



Sustainable performance

Building Systems UK's vision is to 'enable the creation of sustainable spaces where we live work and play'. As a manufacturer we have a duty to operate responsibly and in a transparent way. Building Systems UK are one of the most transparent and reported construction product manufacturers in the UK, with a unique offering of project specific and bespoke [Environmental Product Declarations](#).

This is enabled by our unique operatorship of an Environmental Product Declaration Programme.

Building Systems UK operations, supply chain and products are certified under the BRE Responsible Sourcing Framework Specification BES 6001.

We are able to help our customers to operate more sustainably by providing guidance on the specification of our products and the impact on obtaining credits under building certification schemes such as BREEAM.

Digital Tools

Generate perfect building envelope systems that will bring your design to life. Our online specification generator tool has been designed to help you create the right specification to suit the needs of your project, making sure all roofing and cladding components listed are compatible and perform as a guaranteed system. [Click here to use our SPEC GEN tool](#).

Our [BIM DNA Profiler](#) has been designed to minimise data overload and will allow users, at whatever stage they are in the construction process, to retrieve the exact level of BIM data they require – and in all required file formats (eg. AutoDesk).

Also available via [NBS Source online](#) specification platform.



Download datasheets



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Tata Steel UK Limited

Building Systems UK (A Tata Steel Enterprise)

Shotton Works

Deeside

Flintshire

CH5 2NH

United Kingdom

T: +44 (0) 1244 892199

E: technical.structuralproducts@tatasteel.com

Registered Office: 18 Grosvenor Place, London, SW1X 7HS, Registered in England No. 02280000

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