

Building Systems UK

A Tata Steel enterprise

Trisomet® external trapezoidal insulated roof and wall panel system 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. Trisomet® insulated roof and wall panels provide optimum thermal performance, strength and are available with full LPCB and FM approvals.

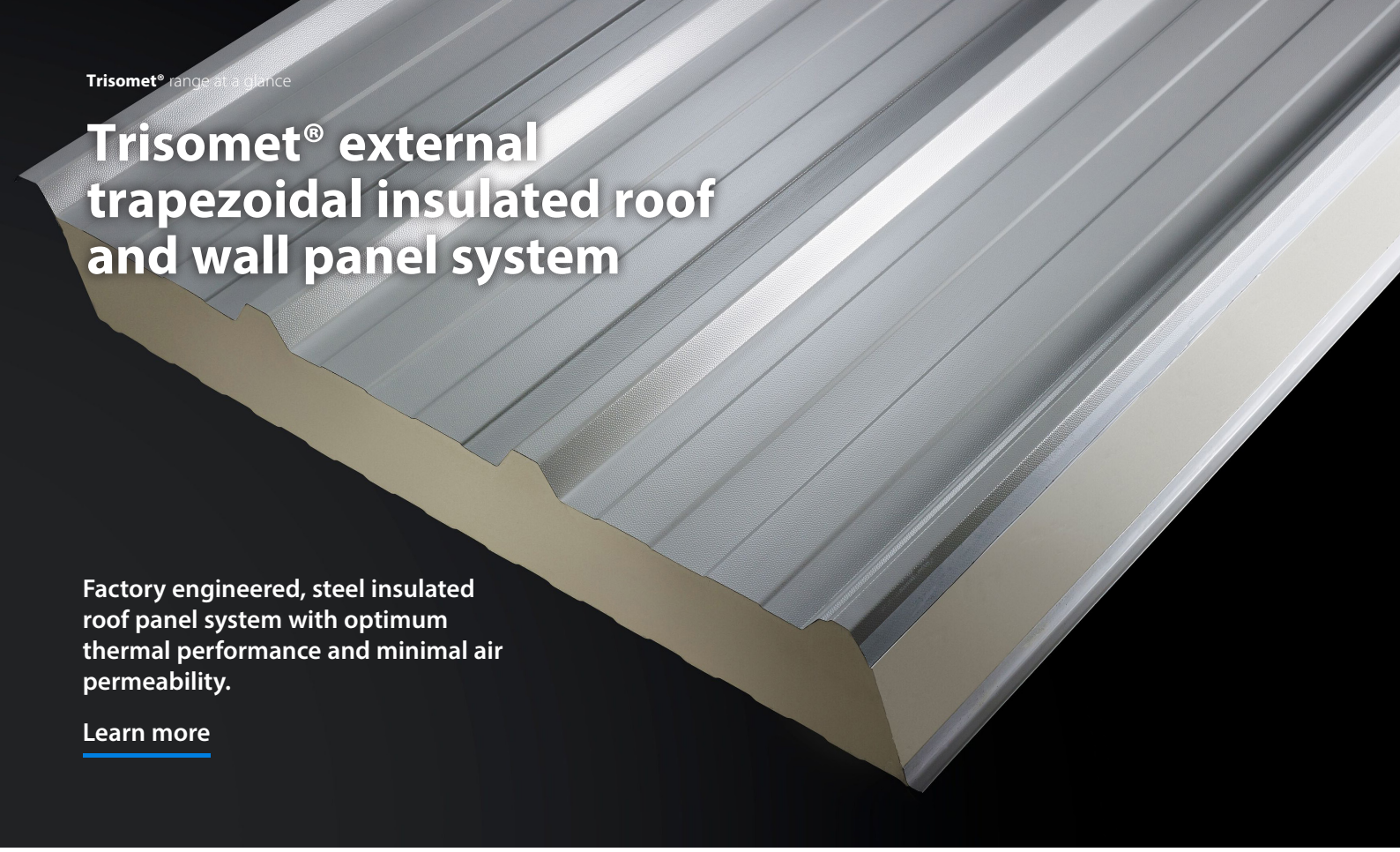
Building Systems UK have a complete range of construction products and services to support your sustainable construction needs - backed by multi decade guarantees for sustainable, durable and guaranteed performance.
Our extensive technical support is available to assist on design calculations, acoustics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

SPECGEN
SPECIFICATION GENERATOR

Key benefits of the Trisomet® insulated roof and wall panel systems:

- Fully accredited
- Highly durable
- Quick installation
- Fire resistant
- Renewable ready
- Full traceability
- Excellent weatherability
- Fully guaranteed

Trisomet® external trapezoidal insulated roof and wall panel system



Factory engineered, steel insulated roof panel system with optimum thermal performance and minimal air permeability.

Learn more

Available Thicknesses and U-values					
40mm	60mm	80mm	100mm	120mm	135mm
0.46 W/m²K	0.33W/m²K	0.25 W/m²K	0.20 W/m²K	0.16 W/m²K	0.15 W/m²K

Trisomet® horizontal wall



Crown Crest distribution centre, Leicester

Trisomet® vertical wall



Lanswood Park, Colchester

Trisomet® roof with PV



AV Dawson Steel Store, Middlesbrough

All panels are available with a time saving, factory applied side lap sealant.

Table 1 - Finishes and cover information

External skin gauge (mm)	0.5, 0.7
External Finish	Colorcoat HPS200 Ultra® Colorcoat Prisma® Colorcoat® LG
Internal Finishes available	Colorcoat® PE 15 Colorcoat® High Reflect Colorcoat HPS200 Ultra® Colorcoat Prisma® Advantica® Control L
Cover width (mm)	1000mm



Visit our online sample selector tool where you can browse and select from our full range of building envelope product samples. You can also request a specific colour sample relevant to your potential project design requirements.

Request a free product and colour sample here

Platinum® Plus 25 year system guarantee.

Trisomet® 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**

PLATINUM® PLUS SYSTEM GUARANTEE

confidex

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.

SPECGEN
SPECIFICATION GENERATOR

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 SPECGEN 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.

NBS Powered by Hubexo

Download datasheet

BREEAM · LEED · EPD THIRD PARTY VERIFIED ISO 14025 & EN 15804 · BES 6001 Responsible Sourcing · LPCB · FM APPROVED · UK GBC Gold Leaf Member

www.buildingsystemsuk.com

Trademarks of Tata Steel UK Limited

Trisomet®, Colorocoat®, Colorcoat HPS200 Ultra®, Colorcoat Prisma®, Platinum® Plus and Advantica® are registered trademarks of Tata Steel UK Limited.

While care has been taken to ensure that the information contained in this publication is accurate, neither Tata Steel, nor its subsidiaries, accept responsibility or liability for errors or for information which is found to be misleading.

Before using products or services supplied or manufactured by Tata Steel and its subsidiaries, customers should satisfy themselves as to their suitability.

Copyright 2025

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.envelopeproducts@tatasteeleurope.com

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

Doc No: BSUK-E-0007-02