

Insulated Panels

UK & Ireland

Technical Update: TU040

Kingspan KS1000 DLTR 1.0 Rooflight

Tech-eXchange



KINGSPAN KS1000 DLTR 1.0 ROOFLIGHT

DATE: AUGUST 2025

The purpose of this Technical Bulletin is to make you aware of the new KS1000 DLTR 1.0 rooflight which supersedes the KS1000 DLTR 1.6 rooflight.

The changes are effective immediately.

Key Enhancements:

- **75mm Endlap Feature:** The rooflight incorporates a standardised 75mm Endlap, optimising weatherproofing performance and reducing the risk of water ingress.
- **CNC-Machined Endlap:** Precision CNC machining improves the sealing capability at the lap joint, ensuring superior fit and finish during installation.
- **Length Options:** Rooflights are available in standard lengths ranging from 1.1m to 5.5m, with a maximum available length of 7.5m.
- **Enhanced Structural Integrity:** The rooflight features a thicker external top skin and increased thickness in the base and side walls for improved durability and impact resistance.
- **Improved Thermal Performance:** Delivers a U-Value of 1.0, contributing to energy efficiency and regulatory compliance.
- **Fire Performance:** Achieves a fire classification of B-s1,d0 under BS EN 13501-1:2018 (tested on the internal face) certified under the name ThermoRoof.
- **H&S classification when installed as per Kingspan details:**
 - Non-Fragility to ACR [M]001: 2014 Class B (500 joules test)
 - Non-Fragility to BS EN 14963: 2006 Class SB1200 (1200 joules test)
- **Non-Fragility Certification:** ACR[M]001:2019.
- **Class B.**
- **BS EN 14963:2006 – Class SB1200.**
- **Packaging:** Supplied in bundles of up to 12 for efficient handling and site logistics.
- **Design Support:** A full suite of construction details is available to support specification and installation – here are a couple of points to highlight for the new construction details:
 - **At Endlaps,** the main fastener and stitcher layouts for DLTR 1.0 is now the same at the top and bottom of the rooflight. This now mirrors the KS1000RW roof panel 75mm Endlap fastener layout.

- At side laps stitchers remain the same at a maximum of 300mm centres.
- At end laps, the 50mm x 8mm red butyl tape with PE foam co-laminate is now to be applied foam face up and must be supplied by Kingspan.

If in the unlikely event that your project was detailed with the rooflight having 150mm Endlaps, please contact Kingspan for guidance on changing the order to suit the 75mm Endlap option.

Here is a link to the [construction details](#) and [data sheet](#).

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