

Insulated Panels

UK & Ireland

Technical Update: TU035

QuadCore® Lo-Pitch Roof Panel

Product changes

Tech-eXchange



QUADCORE® LO-PITCH ROOF PANEL

PRODUCT CHANGES

DATE: JUNE 2024

The purpose of this Technical Update is to ensure that the reader is aware of the following changes to the Quadcore® Lo-Pitch Roof Panel.

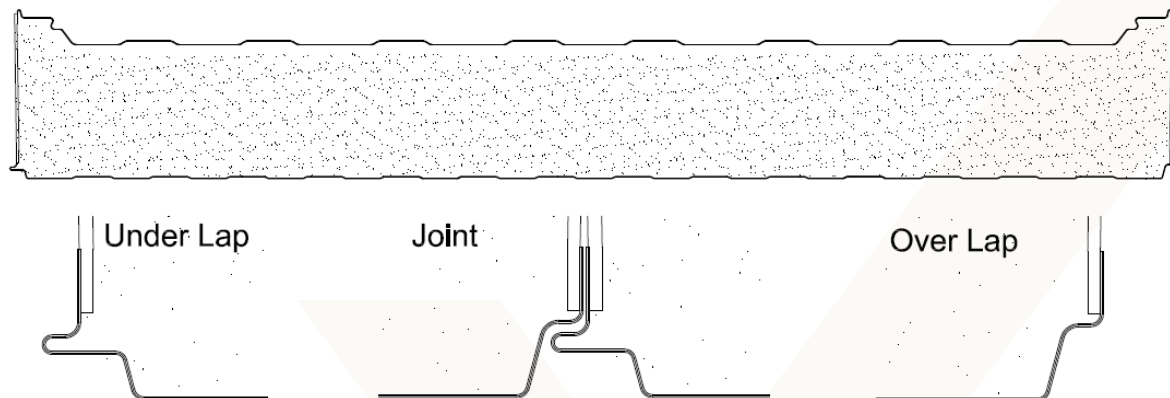
- Liner sheet change.
- Panel core thickness change.

Liner sheet change

The Quadcore® Lo-Pitch Roof Panel has traditionally been manufactured with a slight step in the panel liner sheet along the longitudinal internal joint.

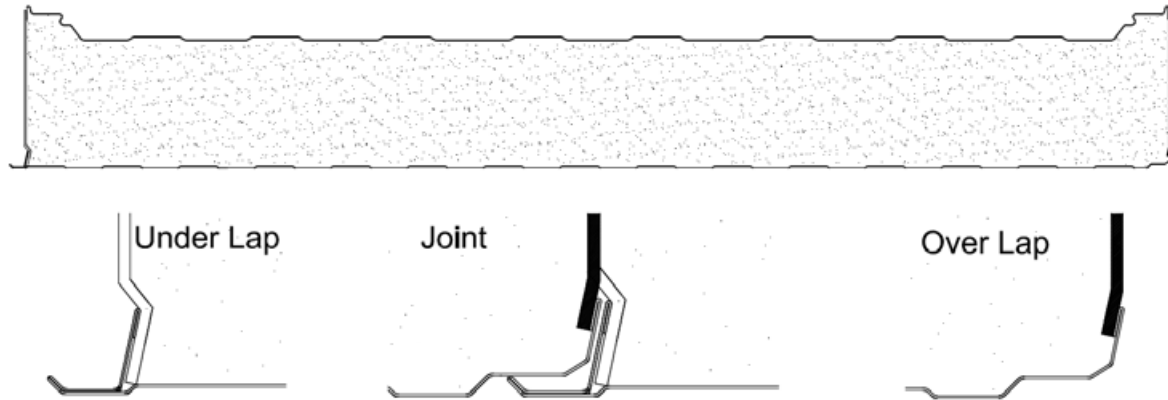
Old liner sheet

Recess on the panel liner sheet local to the panel side joint.



New liner sheet

The recess in the panel liner sheet has been changed for an overlap edge, as per the Quadcore® KS1000RW roof panel liner sheet side lap. The panel handing will be denoted by the overlap of the panel liner sheet. The panel below, if looking up from the eaves, would be a right-handed panel (laid from right to left).



Panel core thickness change

The Quadcore® Lo-Pitch Roof Panel is now available with two core thickness's only, which are 80mm and 115mm.

From a thermal performance perspective this is how the Quadcore® Lo-Pitch Roof Panel compares to the previously available PIR core KS1000LP insulated roof panel.

Product Type	Core Thickness (mm)	
	80	115
	U Value (W/m²K)	
No longer available PIR core KS1000LP roof panel	0.25	0.18
Quadcore® Lo-Pitch Roof Panel	0.24	0.16

Also due to the liner change the number of panels per pack will be as follows.

Product Type	Core Thickness (mm)	
	80	115
	Panels per pack	
No longer available PIR core KS1000LP roof panel	12	8
Quadcore® Lo-Pitch Roof Panel	11	8

The change to the liner profile has necessitated that each panel in the pack will now be separated by a polystyrene packer. This is to allow clearance to protect the upstand of the external panel joint in transit.

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