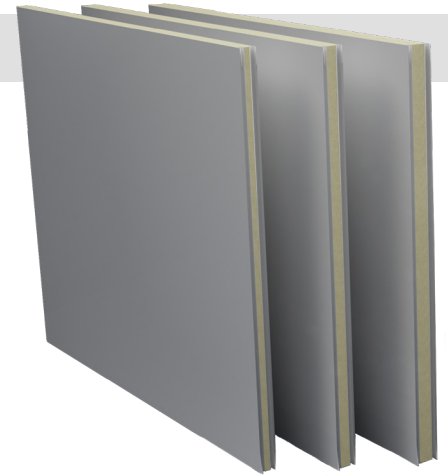


Thermocore 35

Product highlights

- Thinner PIR range (40mm-75mm)
- High thermal efficiency
- Manufactured under ISO 9001:2016
- Versatile for walls and ceilings
- Hygienic and moisture-resistant
- Lightweight and simple to install
- Ideal for cleanrooms, cold stores, food facilities and controlled environments



Thermocore 35 technical performance

Panel thickness	Test results					
	U-Value as per EN14509	R-Value as per EN14509	Weight ⁽¹⁾	Sound reduction	U-Value ⁽²⁾	R-Value ⁽²⁾
	Wm ⁻² K ⁻¹	m ² KW ⁻¹	kg/m ²	dB	Wm ⁻² K ⁻¹	m ² KW ⁻¹
40mm	0.680	1.470	8.920	19	0.500	1.990
50mm	0.540	1.865	9.560	20	0.410	2.440
75mm	0.350	2.843	10.200	21	0.280	3.580

(1) Panel weights based on 0.5mm gauge steel to both faces.

(2) We have published two sets of U-Values and R-Values. As per BS EN 14509 we have tested our full panels, including their joints. U-Value⁽²⁾ and R-Value⁽²⁾ considers a section in the centre of a single panel only.

Product tolerances as per EN14509 ⁽³⁾

Length (L)	Cover Width (W)	Thickness (D)	Squareness	Flatness	Joint Gap
L ≤ 3m ± 5mm	± 2mm	D ≤ 100m ± 2mm	0.006 x nominal cover width	1.5mm from the theoretical flat plane over 700mm	+3mm / -0mm
L ≥ 3m - ± 10mm		D ≥ 100m ± 2%			

(3) Product is produced strictly to EN 14509:2013 manufacturing tolerances.

Standard specification

Module width

1190mm standard module

Profile options

Available in flat, V-rib, micro-rib and castellation

Core specification

PIR TC35 (35kg/m³ density)

Steel faces

White polyester lining, 0.5mm gauge
Other steels available

Panel length

Minimum 1.2m - maximum 12m
Shorter lengths available on request (subject to cutting charge)
All unsupported spans subject to technical verification