

thermo
Sphere

Concrete Insulation Board



Our lightweight and workable uncoated thermal insulation boards improve insulation and reduce heat loss into the concrete and screed substrates.

- Cost effective and boosts efficiency of underfloor heating by up to 50%.
- Maximum insulation with minimal build up height, making it ideal for refurbishment applications.
- 100% moisture and rot proof.

Technical data

Size	L 1200 x W 600mm
Thickness	6 - 10.5mm
Compressive strength	300 kpa
Thermal conductivity	0.033 W/Mk
Water absorption	0.6%
Density (foam)	36Kg/m ³
Temperature range	-50°C to +75°C
Fire performance	Euro Class E EN13501
Impact sound reduction (Tested to BS EN 10140-3)	19dB (Based on 6mm thickness)

Concrete Insulation Board Sizes

Stock Code	U-Value (W/m ² K)	Thickness (mm)	Board Size (M)	Board Area (M ²)	Pack Area (M ²)	Pack Quantity
CIB-006-20	3.05	6	L 1.2 x W 0.6	0.72	14.4	20
CIB-105-10	2.23	10.5	L 1.2 x W 0.6	0.72	7.2	10

Accessories

Stock Code	Description	Area (M ²)	Weight (Kg)
PYT-20-01	S1 Flexible Tile Adhesive	4.5 (at 3mm thick)	20
HDMA-015	Acrylic Adhesive	50	15