

INSULATION BOARDS

Specification Sheet



Key Benefits

- **Easy Installation:** Can be easily installed with standard hand tools, ensuring a hassle-free installation process.
- **Enhanced Heating Efficiency:** When included in an insulated home, it can help reduce heating costs by as much as 45% *
- **Durable & Moisture-Resistant:** 100% rot-proof and water-resistant, ensuring a reliable and long-lasting solution.
- **50% Discount:** Only pay half price for your insulation boards when purchased with Coldbuster floor heating for the same room.

Properties of the Foam Board

Property	Rating	Assessed to
Bond Strength	0.55 N/mm ²	EN1607
Flexural Strength	2.05 ± 0.02 MPa	ASTM C203
Water Vapour Permeability (Svd)	2.5m	DIN EN 12086
Resistance to Body Impact	3 x 120N/m	ETAG 003
Bending Stiffness, E (20mm)	399KNmm ²	EN 12089
Coefficient of linear expansion	30 x 10 ⁻⁶ K ⁻¹	N/A
Flammability	Class E	DIN 4102
Shear Bond Strength	3.32kg/cm ²	EN 1448
EU Controlled Substances Content	None	N/A
Size	1200 x 600 x 6mm	
	1200 x 600 x 10mm	
R-Value	6mm board: R-0.15	
	10mm board:R-0.27	
Suitable For:	Concrete Subfloors / Timber Subfloors	



Foam Board

Properties of the Rigid Board

Property	Rating	Assessed to
Density	36 ± 0.02 kg/m ³	DIN 53420
Thermal Conductivity	0.035 Watt/mK	EN 13164
Compressive Strength (10% deflection)	300kN/m ²	DIN 5342
Water Absorption	<0.2 vol%	ISO2896/EN12086
Coefficient of linear expansion	70 x 10 ⁻⁶ K ⁻¹	N/A
Water Vapour Diffusion Resistivity	110 - 225 μ	DIN52615
EU Controlled Substances Content	None	N/A
Size	1200 x 600 x 6mm	
	1200 x 600 x 10mm	
R-Value	6mm board: R-0.18	
	10mm board:R-0.3	
Suitable For	Suitable For all Subfloors and Wet Areas	



Rigid Board

Installation Accessories

Description	Unit
Zinc Fixing Washers (35 mm)	100 pk
Zinc Screws (30 mm)	100 pk
Reinforced Grid Cloth Tape 50mm x 45M roll **	Each

** Allow 1.8m of Tape per board

* <https://www.csiro.au/en/news/all/articles/2024/may/insulation-reduce-electricity-costs>

