

DeltaBoard

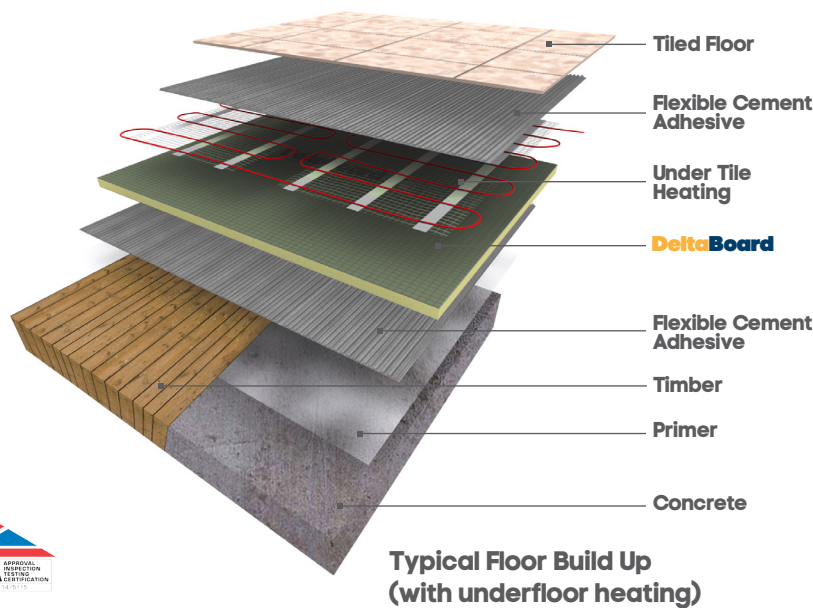
High Performance Thermal Construction Boards



DeltaBoard is a multi-purpose lightweight construction board, designed for the application of all tile types, cement based screeds and synthetic renders. DeltaBoard is manufactured using high density extruded polystyrene which provides excellent insulating properties. The extruded polystyrene core has a factory applied reinforced cement coating which provides excellent impact strength, sound reduction and fire resistance making them ideal for construction.

DeltaBoard is easy to use and can be fixed using cement based flexible tile adhesive – solvent based or ready mixed adhesives **MUST NOT** be used. Alternatively DeltaBoard can be fixed using dowels and washers. Once fixed, Deltaboard provides a perfect surface on which to apply finishes such as tiles, synthetic renders, decorative plaster etc.

DeltaBoard enhances underfloor heating systems by reducing downwards heat loss. DeltaBoard is resistant to water making them ideal for use in areas subject to prolonged or permanent water immersion.



Properties	Value
Compressive Strength (10% deformation) BSEN 826	300 kPa
Thermal Conductivity to BSEN 13164 (5 years)	0.033 W/mK
Water Absorbtion by volume tested to BSEN 12087	0.6%
Density (foam core only)	36 kg/m ³
Temperature Range	-50°C, + 75°C
Fire Performance BS 476 part 6,7 surface spread of flames / EN 13501-1	Class O / Euroclass E
Sound Reduction to BS EN ISO 10140-3 test result based on 6mm board	(ΔL _w) 19dB



What's Under Your Tiles? For more information or bespoke sizes to suit your needs please contact head office.

DeltaBoard

High Performance Thermal Construction Boards



DeltaBoard can be used anywhere were tile is applied; on floors, walls, ceilings and even counter tops. It should be used especially in wet areas such as bathrooms and kitchens where walls and floors are particularly exposed to moisture. Typically, 10mm is used on the floors and 12.5mm on the walls, but our boards range from 4mm right through to 80mm to suit any project.

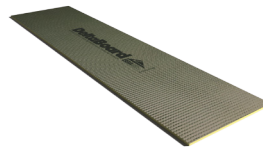
DeltaBoards have various benefits and features to help everyday life, a few examples are shown on the following pages from Sound Reduction to how the high performance construction board enhances underfloor heating.



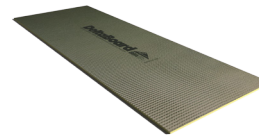
600 x 1200mm



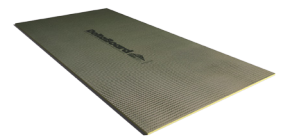
900 x 1200mm



600 x 2400mm



900 x 2400mm



1200 x 2400mm

Product Sizes & ID

Product ID	Thickness	Size	Weight	U-Value
B0004D	4mm	600mm x 1200mm	2.15 Kg	3.75 W/m ² K
B0010D	6mm	600mm x 1200mm	2.35 Kg	3.05 W/m ² K
B0020D	10mm	600mm x 1200mm	2.37 Kg	2.23 W/m ² K
B0030D	12.5mm	600mm x 1200mm	2.42 Kg	1.91 W/m ² K
B0040D	20mm	600mm x 1200mm	2.59 Kg	1.33 W/m ² K
B0050D	30mm	600mm x 1200mm	2.81 Kg	0.95 W/m ² K
B0060D	40mm	600mm x 1200mm	3.03 Kg	0.74 W/m ² K
B0070D	50mm	600mm x 1200mm	3.25 Kg	0.60 W/m ² K
B0080D	60mm	600mm x 1200mm	3.47 Kg	0.51 W/m ² K
B0090D	70mm	600mm x 1200mm	3.59 Kg	0.44 W/m ² K
B0095D	80mm	600mm x 1200mm	3.91 Kg	0.39 W/m ² K

Product ID	Thickness	Size	Weight	U-Value
B0120D	10mm	600mm x 2400mm	4.74 Kg	2.23 W/m ² K
B0130D	12.5mm	600mm x 2400mm	4.84 Kg	1.91 W/m ² K
B0140D	20mm	600mm x 2400mm	5.18 Kg	1.33 W/m ² K
B0150D	30mm	600mm x 2400mm	5.62 Kg	0.95 W/m ² K
B0160D	40mm	600mm x 2400mm	6.06 Kg	0.74 W/m ² K
B0170D	50mm	600mm x 2400mm	6.51 Kg	0.60 W/m ² K
B0180D	60mm	600mm x 2400mm	6.94 Kg	0.51 W/m ² K
B0190D	70mm	600mm x 2400mm	7.38 Kg	0.44 W/m ² K
B0195D	80mm	600mm x 2400mm	7.82 Kg	0.39 W/m ² K

Product ID	Thickness	Size	Weight	U-Value
B0131D	12.5mm	1200mm x 2400mm	9.68 Kg	1.91 W/m ² K
B0141D	20mm	1200mm x 2400mm	10.36 Kg	1.33 W/m ² K
B0181D	60mm	1200mm x 2400mm	13.88 Kg	0.51 W/m ² K

Product ID	Thickness	Size	Weight	U-Value
B0035D	12.5mm	900mm x 1200mm	3.60 Kg	1.91 W/m ² K

Product ID	Thickness	Size	Weight	U-Value
B0135D	12.5mm	900mm x 2400mm	7.20 Kg	1.91 W/m ² K

What's Under Your Tiles? For more information or bespoke sizes to suit your needs please contact head office.