



VipaBoard is a multi-purpose lightweight construction board, designed for the application of all tile types, cement based screeds and synthetic renders. VipaBoard is manufactured using high density extruded polystyrene which provides excellent insulating properties.

Fixing VipaBoard

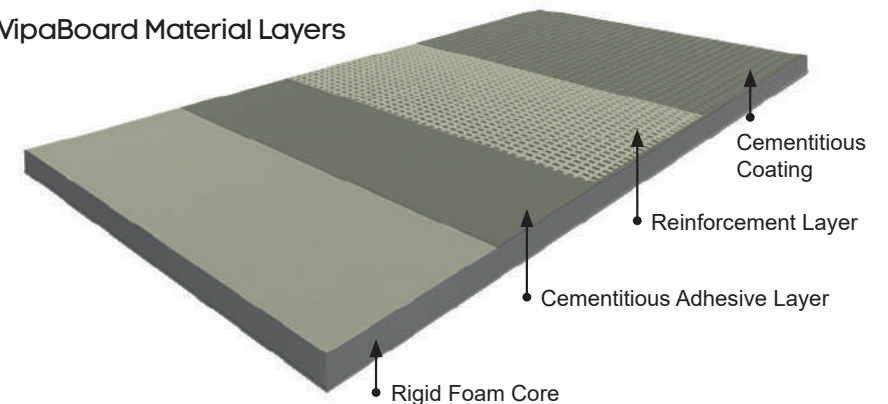
- VipaBoard is easy to use and can be fixed using cement based flexible tile adhesive – solvent based or ready mixed adhesives MUST NOT be used.
- Alternatively VipaBoard can be fixed using dowels and washers. Once fixed, VipaBoard provides a perfect surface on which to apply finishes such as tiles, synthetic renders, decorative plaster etc.
- VipaBoard fixed to masonry walls and stud framework is capable of vertical tile loading of 90Kgm²
- VipaBoard fixed to floors can resist significant static loads of up to 30 tons m² when fixed over concrete and structurally stable floors (calculation based on a 1mtr x 1 mtr tile fixed over the VipaBoard)

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

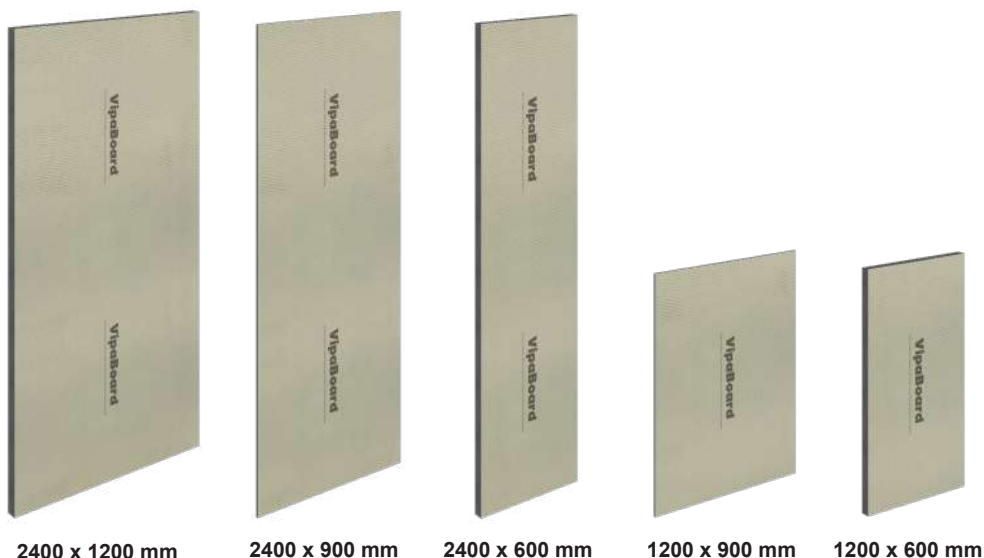
Technical Data (Refer to Building Regulations for product compatibility)

Properties	Value
Compressive Strength (10% deformation) BSEN 826	300 kPa
Thermal Conductivity to BSEN 13164	0.031 W/mK
Water Absorption by Immersion EN12087	≤ 1.5%
Density	36 kg/m ³
Temperature Range	-50°C, + 75°C
Fire Performance EN 13501-1	Euroclass E
Sound Reduction to BS EN ISO 10140-3 test result based on 6mm board	(ΔLw) 19dB
Static loads fixed over concrete and structurally stable floors (calculation based on a 1 mtr x 1 mtr tile fixed over the VipaBoard)	30 Tons per m ²

VipaBoard Material Layers



The extruded polystyrene core has a factory applied reinforced cement coating which provides excellent impact strength, sound reduction and fire



VipaBoard can be used anywhere where 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, however our boards range from 4mm right through to 80mm to suit any project.

ID	Thickness	Size	Weight	U-Value
V1206-04	4mm	600mm x 1200mm	2.15 Kg	3.46 W/m ² K
V1206-06	6mm	600mm x 1200mm	2.35 Kg	2.83 W/m ² K
V1206-10	10mm	600mm x 1200mm	2.37 Kg	2.14 W/m ² K
V1206-12	12.5mm	600mm x 1200mm	2.42 Kg	1.83 W/m ² K
V1206-20	20mm	600mm x 1200mm	2.59 Kg	1.27 W/m ² K
V1206-30	30mm	600mm x 1200mm	2.81 Kg	0.90 W/m ² K
V1206-40	40mm	600mm x 1200mm	3.03 Kg	0.70 W/m ² K
V1206-50	50mm	600mm x 1200mm	3.25 Kg	0.57 W/m ² K
V1206-60	60mm	600mm x 1200mm	3.47 Kg	0.48 W/m ² K
V1206-70	70mm	600mm x 1200mm	3.59 Kg	0.42 W/m ² K
V1206-80	80mm	600mm x 1200mm	3.91 Kg	0.37 W/m ² K

ID	Thickness	Size	Weight	U-Value
V2406-10	10mm	600mm x 2400mm	4.74 Kg	2.14 W/m ² K
V2406-12	12.5mm	600mm x 2400mm	4.84 Kg	1.83 W/m ² K
V2406-20	20mm	600mm x 2400mm	5.18 Kg	1.27 W/m ² K
V2406-30	30mm	600mm x 2400mm	5.62 Kg	0.90 W/m ² K
V2406-40	40mm	600mm x 2400mm	6.06 Kg	0.70 W/m ² K
V2406-50	50mm	600mm x 2400mm	6.51 Kg	0.57 W/m ² K
V2406-60	60mm	600mm x 2400mm	6.94 Kg	0.48 W/m ² K
V2406-70	70mm	600mm x 2400mm	7.38 Kg	0.42 W/m ² K
V2406-80	80mm	600mm x 2400mm	7.82 Kg	0.37 W/m ² K

ID	Thickness	Size	Weight	U-Value
V2412-12	12.5mm	1200mm x 2400mm	9.68 Kg	1.83 W/m ² K
V2412-20	20mm	1200mm x 2400mm	10.36 Kg	1.27 W/m ² K
V2412-60	60mm	1200mm x 2400mm	13.88 Kg	0.48 W/m ² K

ID	Thickness	Size	Weight	U-Value
V1209-12	12.5mm	900mm x 1200mm	3.60 Kg	1.83 W/m ² K

ID	Thickness	Size	Weight	U-Value
V2409-12	12.5mm	900mm x 2400mm	7.20 Kg	1.83 W/m ² K

Handling and Storage

Store in original packaging in a dry place. Do not store near sources of excessive heat. Prevent prolonged exposure to sunlight.

Avoid dust generated during secondary processing. The preferred cutting method is to score with a knife or hand saw. If power tools are used properly designed dust extraction should be used and/or respiratory and eye protection worn.

Keep work areas clean. Use water sprays to dampen area prior to brushing, or use vacuum cleaning.

Exposure/Protection

Occupational exposure limits

Substance	Quartz (respirable Crystalline silica)	Total Inhalable dust
Type of limit	MEL	-
Long term limit (8 hour TWA)	0.3 mg/m ³	10 mg/m ³
Short term limit (15 minute TWA)	-	MDHS
Sampling methods	MDHS 14/3, 37, 38, 51/2, 76	14/3

Notes:

TWA= Time weighted average exposure

MEL = Maximum exposure limit

OES = Occupational exposure standard

OEL = Occupational exposure limit

MOHS = Methods of the determination of hazardous substances

If this product is used in its intended application and with account taken of the guidance given in this document, it is unlikely that these exposure limits will be exceeded.

See UK Health and Safety Executive Chemical Hazard Alert Notice 35

Respiratory protection: If high dust levels are generated during cutting, a suitable particulate respirator should be worn - either a filtered face piece mask (FFP2 or FFP3) or a non-disposable mask fitted with a P2 or P3 filter.

Eye Protection: when cutting or processing the use of eye protection to BS EN 166 is advised.

