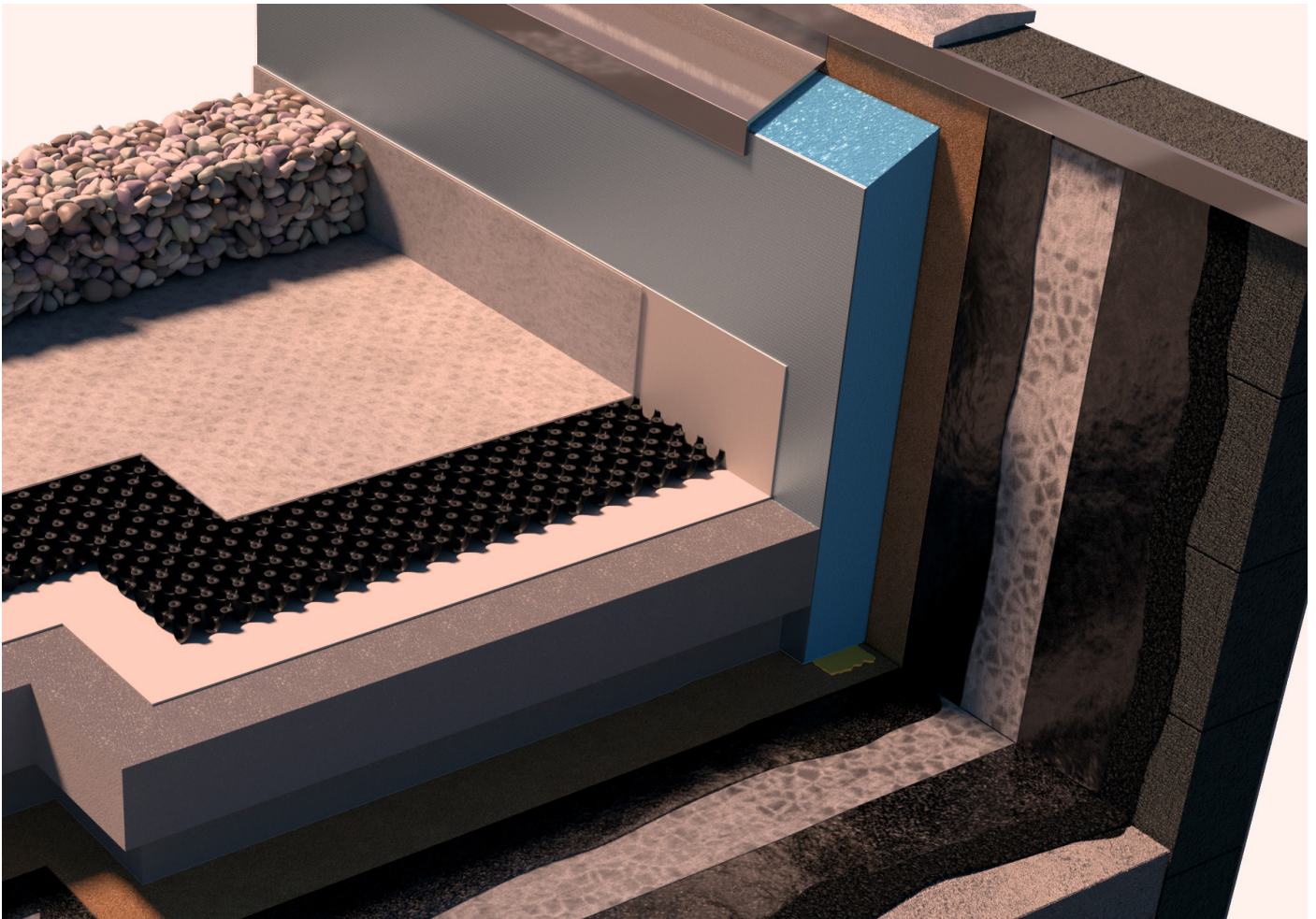


XPS Upstand



An insulation board used to thermally insulate and protect upstand walls.

Manufactured by



XPS Upstand Insulation Board

General Information

XPS Upstand Insulation Board is used to thermally insulate and protect upstand walls. Manufactured from a CO₂ blown extruded polystyrene foam factory laminated to a 6mm thick weather resistant high impact facing board. Available in a range of thicknesses, see declared performance table for available thickness.

XPS Upstand Insulation Board has a Zero Ozone Depletion Potential (ODP), a Global Warming Potential (GWP) of less than 5 and an A rating in accordance with the Green Guide to Specification.

For use with Inverted Roofing Waterproofing Systems.

Certificates

ISO 9001@2008 Quality Management System, ISO 14001 :2004 Environmental Management System, EPD as per ISO 14025 and EN 15804.

Delivery conditions

Delivery form

Shrunk wrapped on a pallet, quantity depending on board thickness.

Storage and transport

During shipment, storage, installation and use, this material should not be exposed to flame or other ignition sources. This material contains a halogenated flame retardant additive system to inhibit accidental ignition from small fire sources.

Product identification

Information on the pack; Product name. Dimensions. Approvals. Production date.

XPS Upstand Insulation Board

Installation Instructions

Install XPS Upstand Insulation Board after completion of the waterproofing or inverted roofing system.

XPS Upstand Boards should be trapped at the base by the horizontal insulation board. As long as the XPS Upstand Boards are well protected no additional attachment method is required unless the XPS upstand board is more than 3 times the height of the horizontal insulation board.

Where the XPS Upstand Board is more than 3 times the height of the horizontal insulation board, and less than 750mm in height, the XPS Upstand Board must be either:

- trapped at the base by the horizontal insulation board and bonded with INSTA-STIK Roofing Adhesive applied in 19-25mm beads at 300mm centres for the full height of the XPS Upstand Board.
- trapped at the base by the horizontal insulation board and have continuous retention across the top face of the board.

Where the XPS Upstand Board exceeds 750mm above the roof finishes and is trapped at the base by the horizontal insulation board the XPS Upstand Board must be either:

- bonded with INSTA-STIK Roofing Adhesive applied in 19-25 mm beads at 300mm centres for the full height of the XPS Upstand Board and have a single DDS fixings (or equal approved) installed through the centre of the XPS Upstand Board a minimum of 75mm from the top of the XPS Upstand Board.
- Mechanically fixed directly to the upstand wall at 600mm centres using Speedline DDS fixings (or equal approved).

Where XPS Upstand Board is not trapped at the base by the horizontal insulation the XPS Upstand Board must be either:

- bonded with INSTA-STIK Roofing Adhesive applied in 19-25 mm beads at 300mm centres for the full height of the XPS Board at all times. All the mechanical fastening rules related to height stated above also apply.
- Mechanically fixed directly to the upstand wall at 600mm centres using Speedline DDS fixings (or equal approved).

Speedline DDS fixings (or equal approved) must be a minimum of 40mm longer than the overall thickness of the board. The fixings should be positioned at least 50mm but not more than 200mm from the top of the facing board.

Where it is necessary to cut XPS Upstand Insulation Board to size use a TCT saw (suitable PPE must be used including a face mask to guard against dust).

XPS Upright Insulation Board

PRODUCT DESCRIPTION

Appearance top side	Grey cementitious
Core	Extruded polystyrene
Appearance bottom side	Blue Foam

DECLARED PERFORMANCE

Essential characteristics		Performance	Unit	EN Code	Standard
Ozone Depletion Potential		Zero	-	-	-
Global Warming Potential		< 5	-	-	-
BRE Green Guide Rating		A	-	-	-
Sheet size - Length		2400	mm	-	BS EN 822
- Width		1200	mm	-	BS EN 822
Tolerances		±2	-	-	-
Tolerances		Square	-	-	-
Weight (board / m ²)	SD20	24.9 / 8.65	kg	-	-
	SD40	26.8 / 9.31	kg	-	-
	SD50	27.8 / 9.64	kg	-	-
	SD60	28.7 / 9.97	kg	-	-
	SD80	30.6 / 10.63	kg	-	-
	SD100	32.5 / 11.29	kg	-	-
	SD120	34.4 / 11.95	kg	-	-
	SD150	37.3 / 12.94	kg	-	-
Facing: high performance, heavy duty, exterior grade fibre-cement sheet					
Colour		Grey	-	-	-
Thickness - nominal		6	mm	-	-
Density		1320	kg/m ³	-	-
Thermal Conductivity		0.30	W/mK	-	-
Flexural Strength (average Parallel and Transverse)		18	MPa	-	-
Insulation: Styrofoam LB A Extruded Polystyrene (XPS)					
Colour		Blue	-	-	-
Thickness		20, 40, 50, 60, 80, 100, 120, 150	mm	-	-
Tolerance - Thickness		±0.5	mm	-	BS EN 823
- Width		±5	mm	-	BS EN 822
- Length		±10	mm	-	BS EN 822
Compressive strength		300	kPa	-	BS EN 826
Thermal conductivity - <80mm		0.035	W/mK		BS EN 13164
- 81 - 120mm		0.036	W/mK	D	BS EN 13164
- >120mm		0.038	W/mK	λ	BS EN 13164
Nominal Density (foam only)		33	kg/m ³	-	BS EN 1602
Water Absorption by immersion		0.07	%	-	BS EN 12087
Fire Performance		Class E	-	-	BS EN 13501-1
Coefficient of linear thermal expansion		0.07	mm/mK	-	-

This information given in good faith and is based on the latest knowledge available to Quantum Insulation Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

For further information on Quantum Insulation products and services please call 01858 456018 or email sales@quantuminsulation.com

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