



Warmline XPS

Extruded Poly Bonded to Plasterboard

The Warmline insulating laminates are designed as a simple effective way to improve the thermal efficiency in both walls and roof applications. They are fully applicable with Part L of the building regulations.





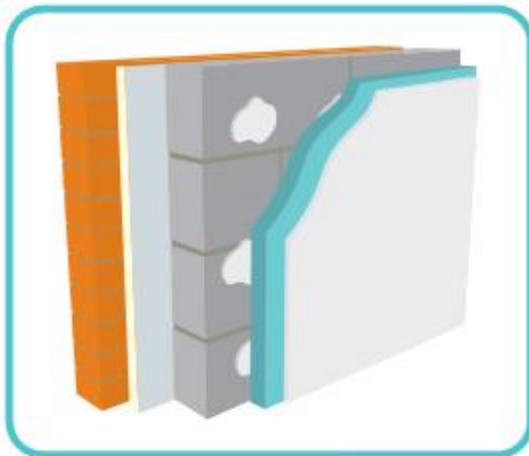
Extruded Poly Bonded to Plasterboard Benefits

- All thicknesses readily available
- Simple solution to upgrading walls and roofs
- Quick and easy to install
- Can be used for both newbuild and refurb
- A simple way to meet building regulations
- Cost effective return

Technical Specifications

Product Code & Size	Description	Overall Thickness	Foam Thickness	Plasterboard Thickness	Sheets per Pallet	m ² per Board	Thermal Resistance R-value	U-value Fixed Batons (W/m ² K)	U-value Dot & Dab (W/m ² K)
Warmline XPS 1.2 x 2.4	Extruded Poly Bonded to Plasterboard	27mm	17.5mm	9.5mm	78	2.88	0.560	0.838	0.884
		30mm	17.5mm	12.5mm	70	2.88	0.575	0.827	0.873
		35mm	25.5mm	9.5mm	60	2.88	0.795	0.700	0.732
		38mm	25.5mm	12.5mm	55	2.88	0.810	0.693	0.724
		40mm	30.5mm	9.5mm	53	2.88	0.942	0.635	0.661
		43mm	30.5mm	12.5mm	50	2.88	0.957	0.629	0.654
		45mm	35.5mm	9.5mm	47	2.88	1.089	0.580	0.602
		48mm	35.5mm	12.5mm	44	2.88	1.104	0.575	0.597
		55mm	45.5mm	9.5mm	38	2.88	1.383	0.496	0.512

Calculations are based on a 215mm thick solid brickwork wall and includes a 2mm plaster skim coat. Timber battens are 25x50mm at 600mm Centres



Fixing instructions for Dot and dab

- For bonding Warmline range to a wall use a proprietary gypsum based adhesive.
- Please follow the manufacturers instructions. As per manufacturers recommendations apply a continuous ribbon of adhesive around any openings.
- Apply 3 vertical rows of adhesive dabs to the walls at 300mm centres. Also insure that there is a continuous bead at the bottom and top.
- After the adhesive has set fix a minimum of 2 insulation anchors through the board into the wall. They must go into the masonry by a minimum of 30mm.

Fixing instructions for mechanical fixing

- Fix to the wall treated batons 50mm x 25mm at a maximum of 600mm centres. Also fit horizontal batons at both floor and ceiling level.
- Then fit the Warmline board using drywall screws at 150mm centres. Always insure that they penetrate the batons by 25mm.
- When installing boards to rafters fix them at right angles to the timbers. To ensure a solid finish bridging pieces are to used inbetween the rafters.

