

PSCM XPS

Extruded Poly Bonded to Plasterboard

The PSCM insulated plasterboards are designed as a simple and effective way to improve the thermal efficiency in both walls and roof dwelling applications. They are full applicable with Part L of the building regulations.





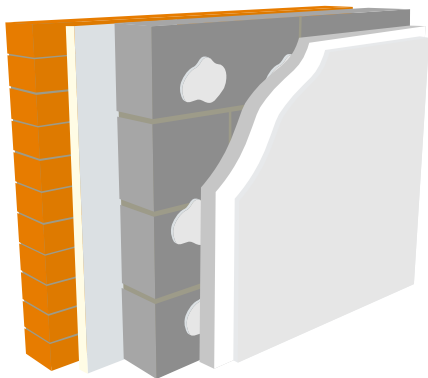
EXTRUDED POLYSTYRENE BONDED TO PLASTERBOARD BENEFITS

- 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	Product Size	m2 Per Board	Description	Overall Thickness	Foam Thickness	Plasterboard Thickness	Boards Per Pallet	Thermal Conductivity (W/mK)	Thermal Resistance (m2k/w)
U/WLX27	1200x2400	2.88	Expanded Polystyrene Bonded to Plasterboard	27mm	17.5mm	9.5mm	74	0.034	0.56
U/WLX35	1200x2400	2.88		35mm	25.5mm	9.5mm	57	0.034	0.8
U/WLX40	1200x2400	2.88		40mm	30.5mm	9.5mm	50	0.034	0.95
U/WLX45	1200x2400	2.88		45mm	35.5mm	9.5mm	44	0.035	1.06
U/WLX55	1200x2400	2.88		55mm	45.5mm	9.5mm	36	0.035	1.4

FIXING INSTRUCTIONS FOR DOT AND DAB



- For bonding PSCM 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 PSCM 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.

