

PSCM EPS

Polystyrene 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.





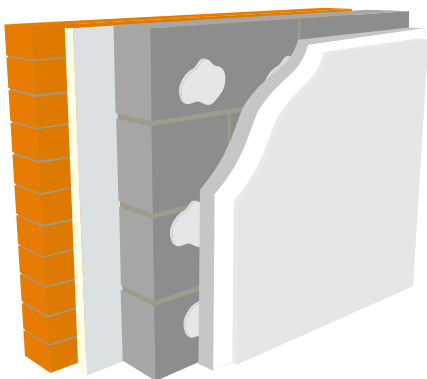
EXPANDED POLYSTYRENE BONDED TO PLASTERBOARD BENEFITS

- 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/WLE22	1200x2400	2.88	Expanded Polystyrene Bonded to Plasterboard	22mm	12.5mm	9.5mm	80	0.038	0.37
U/WLE30	1200x2400	2.88		30mm	20.5mm	9.5mm	66	0.038	0.58
U/WLE40	1200x2400	2.88		40mm	30.5mm	9.5mm	50	0.038	0.84
U/WLE50	1200x2400	2.88		50mm	40.5mm	9.5mm	40	0.038	1.1

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 be used inbetween the rafters.

