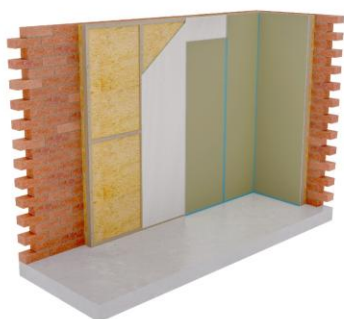




Ezy Fit M IWI System

Description



The Ezy Fit M WI system is an internal wall insulation system targeted towards solid wall properties as a cheaper and faster alternative to External Wall Insulation. The system consists of high-density mineral wool insulation slab fitted between timber studs directly to a suitable wall then covered with a vapour control layer and plasterboard. The insulation used in this system is A1 fire rated.

Performance of Insulation

Thermal

Thermal conductivity: 0.034 and 0.036 W/mK

Fire

Classification: Euroclass A1 to BS EN 13501-1

Vapour resistivity

Water vapour resistivity: 5.00 MNs/g.mwww.

Benefits

- ✓ Cost effective internal solid wall insulation system
- ✓ Enhances the comfort of a home after installation
- ✓ Fast installation methodology with minimal specialist skills or tools required
- ✓ Enhances the acoustic qualities of the home
- ✓ Manufactured in a different thickness dependent on requirements

Specifications

M-IWI Slab

Thickness (mm)	Thermal conductivity (W/mK)	Length (mm)	Width (mm)	Pieces per pack	Area per pack (M2)	Packs per pallet
100	0.034 - 0.036	1200	600	3	2.16	16



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Durability

Ezy Fit M IWI slabs are odourless, rot proof, non-hygroscopic, do not sustain vermin and will not encourage the growth of fungi, mould or bacteria. The product will have a life equivalent to that of the wall structure in which it is incorporated.

Application

The M IWI system composes of the following components

- M IWI Slab – High density mineral wool slab
- Timber Studs with mineral wool stud backer
- VCL
- 12.5mm plasterboard
- Plasterboard fixings
- Reveal Board – Extruded polystyrene foam, coated on both sides with reinforced mesh and a cement coating

Standards and Certification

M IWI Slabs are manufactured in accordance with BS EN 13162, ISO 50001 Energy Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by TÜV Nord.

Real Performance

Ezy Fit Glass and Rock Mineral Wool are easier to install correctly than other insulants such as rigid boards because they adapt to any slight imperfections in the substrate and knit together, eliminating any air gaps. Evidence shows the absence of air gaps is crucial to achieving real performance in the relevant application. By adding both a high mortality sealant and a 5mm plaster skim the system can be made airtight.

Handling and storage

M IWI Slabs are easy to handle and install, being lightweight and easily cut to size, where necessary. M IWI Slabs are supplied in recyclable polythene packs (4-LDPE) which are designed for short term protection only. For longer term protection on site, the product should either be stored indoors, or under cover and off the ground

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