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Rocksilk EWI Slab

For external walls

Description

Rocksilk EWI Slab is a high strength, rock mineral wool slab with a water repellent additive specifically designed for use in external wall insulation systems.

Application

Rocksilk EWI Slab is specifically for use with external wall insulation systems. The slabs can be either adhered and mechanically fixed or just mechanically fixed to the substrate then overlaid with a mesh and render system to the designers/system suppliers specification. The slabs offer a solid and robust supporting substrate for the render and no fire stops are required.

NOTE: It is the responsibility of the customer and end user to satisfy themselves, that this product is suitable for use and fit for purpose with the selected system. The end user is relying on their own expertise and judgements as to whether the insulation is suitable for their needs.

Standards

Rocksilk EWI Slab is manufactured in accordance with BS EN 13162:2008, EN 16001:2009 Energy Management Systems, OHSAS 18001:2007 Occupational Health and Safety Management Systems, ISO 14001:2004 Environmental Management Systems, and ISO 9001:2008 Quality Management Systems, as certified by Bureau Veritas.

Fire performance

Rocksilk EWI Slab is classified as Euroclass A1 BS EN ISO 13501-1. In the event of a fire it will emit negligible quantities of smoke and fumes and the heat emission from the product is insignificant.

Performance

Thermal

Rocksilk EWI Slab has a thermal conductivity of 0.037W/mK.

Fire

Rocksilk EWI Slab is classified as Euroclass A1 to BS EN ISO 13501-1.

Benefits

- Offers solid support to render
- No fire stops required
- Excellent thermal performance
- Excellent acoustic insulation



Move Forward with Confidence

Rocksilk EWI Slab

Durability

Rocksilk EWI Slab is non-hygroscopic, odourless, rot proof, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Vapour resistance - resistivity

Rocksilk EWI Slab offers negligible resistance to the passage of water vapour and has a vapour resistivity of 7.00 MN.s.g.m.

Moisture resistance

Rocksilk EWI Slab contains a water repellent additive to ensure that no liquid water is able to pass through the slab and reach the structure.

Environmental

Rocksilk EWI Slab is free from CFCs, HCFCs and any other material with ozone depletion potential in its manufacture and content and represents no known threat to the environment.

Rocksilk EWI Slab's manufacture has a low impact on the environment and is classified as Zero ODP and Zero GWP.

Handling and storage

Rocksilk EWI Slab is easy to handle and install, being lightweight and easily cut to size, where necessary. Rocksilk EWI Slab is supplied in polythene packs 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. Rocksilk EWI Slab should not be left permanently exposed to the elements.

Krimpack technology

Krimpack™ technology realigns the mineral wool strands during manufacture to increase compressive strength without dramatically reducing thermal performance – making Rocksilk Krimpack EWI Slab an ideal product for use behind a render finish. Furthermore, Krimpack technology achieves a consistent density slab. This ensures better long-term compressive strength, high impact resistance, better thermal performance and a thinner, lighter product compared to other high-strength insulation options.

Thickness	Thermal conductivity	Thermal resistance	Length	Width	Slabs per pack	Area per pack
(mm)	(W/mK)	(m ² K/W)	(mm)	(mm)		(m ²)
150	0.038	3.90	1200	600	16	11.52
140	0.038	3.65	1200	600	16	11.52
120	0.038	3.15	1200	600	20	14.40
110	0.038	2.85	1200	600	20	14.40
100	0.038	2.60	1200	600	24	17.28
90	0.038	2.35	1200	600	24	17.28
80	0.038	2.10	1200	600	30	21.60
40	0.038	1.05	1200	600	60	43.20

All dimensions are nominal.

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