

## ROCKSILK® EXTERNAL WALL INSULATION (EWI) SLAB

August 2019



### APPLICATIONS



### DESCRIPTION

Rocksilk® EWI slab is a high strength compression resistant and water resistant, Rock Mineral Wool slab. Rocksilk® EWI slab's fire resistance removes the need for fire barriers, giving simple quick and economical insulation for external wall insulation systems. It is designed to thermally upgrade existing buildings some of which may be hard to treat.

# Rocksilk®

## PERFORMANCE

### Thermal Conductivity

Rocksilk EWI slab has a thermal conductivity of 0.040W/mK.

### Fire

Rocksilk EWI slab are classified as Euroclass A1 to BS EN ISO 13501-1.

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.

## BENEFITS

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

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### ADDITIONAL INFORMATION

#### Specification Guide

The insulation shall be Rocksilk® EWI slab \*kg/m<sup>3</sup>, \*mm thick, AS/NZS 4859.1:2002 compliant. The product will be non-combustible, CFC/HCF free, zero ODP and GWP. It will be manufactured under Quality Assurance Standards ISO 9001:2008 and ISO 14001:2004 by Knauf Insulation and shall be installed in accordance with the instructions issued by them.

\*architect to insert details of products used.

#### 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.

#### 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 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 represents no known threat to the environment and have zero Ozone Depletion Potential and zero Global Warming Potential.

#### Handling and Storage

Rocksilk® EWI slab is easy to handle, install and 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 products should either be stored indoors, or under cover and off the ground. Rocksilk® EWI slab should not be left permanently exposed to the elements.

#### Superior Service and Support

- Knauf Insulation is totally focused on providing first class customer service, producing high quality product and 'on time in full' deliveries.
- Knauf Insulation supports a professional network of distributors and re-sellers in order to service a growing insulation market.
- Knauf Insulation is committed to providing a comprehensive range of relevant sales and marketing literature and web-based technical information to support specifiers and customers.

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### SPECIFICATIONS

Product Code	R-Value (m <sup>2</sup> K/W)	Thickness (mm)	Thermal Conductivity (W/mK)	Length (mm)	Width (mm)
TBA	1.0	40	0.041	1200	600

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