



March 2016

## RocksilK PyroDuct Slab

### For fire protection of ducts

#### Description

RocksilK PyroDuct Slab is a rigid, resilient and non-combustible rock mineral wool slab, faced with a Bright Class 'O' reinforced aluminium foil.

#### Application

RocksilK PyroDuct Slab is fully tested and certified to provide up to 2 hours fire protection to HVAC steel ductwork. It can be used in horizontal ducts, vertical ducts, ducts passing through compartment walls and floors and kitchen extracts. RocksilK PyroDuct Slab is suitable for applications above clean rooms, within air plenums or for aesthetic purposes.

#### Standards

RocksilK PyroDuct Slab is manufactured in accordance with BS EN 13162, EN 50001 Energy Management Systems, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by Bureau Veritas.

#### Performance

##### Thermal

RocksilK PyroDuct has a thermal conductivity of 0.037W/mK.

##### Fire

RocksilK PyroDuct Slab is classified as non-combustible to BS 476:Part 4:1970 (1984), Class 1 Surface Spread of Flame to BS 476: Part 7:1997 and Class 'O' to the Building Regulations.

#### Benefits

- Combines lightness, strength and ease of use
- Aluminium foil facing acts as a vapour control layer
- Corrosion free
- No deterioration of performance over time
- Resilient, strong and flexible



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## Rocksilk PyroDuct Slab

### Durability

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

### Acoustic performance

Rocksilk PyroDuct Slab will provide effective noise control and reduce noise breakout from ducts, the actual performance varies with insulation thickness and surface finish.

### Moisture resistance

Rocksilk PyroDuct Slab is non-wicking when tested in accordance with BS 2972:1989 Section 12. When exposed to 90% relative humidity and 20°C Rocksilk PyroDuct Slab absorbs less than 0.004% of moisture.

### Environmental

Rocksilk PyroDuct Slab represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential.

### Handling and storage

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

Thickness (mm)	Length (mm)	Width (mm)	Slabs per pack	Area per pack (m <sup>2</sup> )
<b>Rocksilk Pyroduct Slab</b>				
90	1200	600	2	1.44
45	1200	600	4	2.88

*All dimensions are nominal.*

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