



April 2011

## RocksilK FireTech and Dry Fix Noggin Slab

### For structural steelwork

#### Description

RocksilK FireTech Slab is a high density rock mineral wool slab. It is available un-faced or faced with a Bright Class 'O' reinforced aluminium foil. It is also available tissue faced, subject to enquiry. RocksilK FireTech Dry Fix Noggin Slab is an extra high density, easy to cut, rock mineral wool slab for use in the FireTech Dry Fix system.

#### Application

RocksilK FireTech Slab can be used to provide up to 4 hours fire protection to structural steel and cast iron columns, beams and trusses. Foil faced slabs are suitable for use above clean rooms, within air plenums, or for aesthetic purposes. Plaster manufacturers advice and guidance should be followed regarding pre-treatment of RocksilK FireTech Slabs before application of plaster finishes. RocksilK Firetech Slab can be used with four types of fixing systems for the fire protection of structural steelwork.

(Continued overleaf)

#### Performance

##### Fire

RocksilK FireTech Slab and RocksilK FireTech Dry Fix Noggin Slab are 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

- Installation is fast, clean and dry
- Quick and simple installation of noggins
- Choice of fixing systems
- Moisture tolerant
- Can accommodate decorative finishes
- Easy to cut

## Rocksilk FireTech and Dry Fix Noggin Slab

They are:

- Dry Fix System
- Noggin Fixing System
- Combination Fixing System
- Welded Pin Fixing System

Rocksilk FireTech Dry Fix Noggin Slab is used in the Rocksilk FireTech Dry Fix system providing up to 2 hours fire protection of structural steel work.

### Standards

Rocksilk FireTech Slab and Rocksilk FireTech Dry Fix Noggin Slab are made from non-combustible, inorganic rock mineral wool, defined as mineral wool in BS 3533:1981 and are manufactured to a Quality Assurance system which complies with BS EN ISO 9001:2000.

### Durability

Rocksilk FireTech Slab and Rocksilk FireTech Dry Fix Noggin Slab are odourless, non-hygroscopic, rot proof, do not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

### Environmental

Rocksilk FireTech Slab and Rocksilk FireTech Dry Fix Noggin Slab are free from CFCs, HCFCs and any other material with ozone depletion potential in their manufacture and content and represent no known threat to the environment. **Rocksilk FireTech Slab and Rocksilk FireTech Dry Fix Noggin Slab's manufacture has a low impact on the environment and is classified as Zero ODP and Zero GWP.**

### Moisture resistance

When exposed to 90% humidity and 20°C, Rocksilk FireTech Slab and Rocksilk FireTech Dry Fix Noggin Slab absorb less than 0.004% of moisture. Rocksilk FireTech Slab and Rocksilk FireTech Dry Fix Noggin Slab are non-wicking when tested to BS 2972:1989: Section 12.

### Handling and storage

Rocksilk FireTech Slab and Rocksilk FireTech Dry Fix Noggin Slab are easy to handle and install, being lightweight and easily cut to size, where necessary. They are 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 FireTech Slab and Rocksilk FireTech Dry Fix Noggin Slab should not be left permanently exposed to the elements.

## Rocksilk FireTech and Dry Fix Noggin Slab

Thickness (mm)	Length (mm)	Width (mm)	Slabs per pack	Area per pack (m <sup>2</sup> )
<b>Rocksilk FireTech Slab</b>				
60*	1800	1200	18	38.88
50*	1800	1200	22	47.52
45*	1800	1200	25	54.00
40*	1800	1200	28	60.48
35*	1800	1200	32	69.12
30*	1800	1200	36	77.76
25*	1800	1200	45	97.20
20*	1800	1200	56	120.96
<b>Rocksilk FireTech Dry Fix Noggin Slab</b>				
60	1800	1200	18	38.88
50	1800	1200	22	47.52
45	1800	1200	25	54.00
40	1800	1200	28	60.48
35	1800	1200	32	69.12
30	1800	1200	36	77.76

All dimensions are nominal.  
\*Also available foil faced in these thicknesses

### Knauf Insulation Ltd

PO Box 10  
Stafford Road  
St Helens  
Merseyside  
WA10 3NS

### Customer Service (sales)

Tel: 0844 800 0135

### Technical Advisory Centre

Tel: 01744 766 666

### Literature

Tel: 08700 668 660

[www.knaufinsulation.co.uk](http://www.knaufinsulation.co.uk)