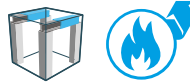


## FIRE-TEK BEAM AND COLUMN SLAB

April 2018



### APPLICATIONS



### DESCRIPTION

Fire-teK Beam and Column Slab is a high density, resilient and non-combustible Rock Mineral Wool slab. It is available unfaced or faced with a Bright Class 'O' reinforced aluminium foil, and is also available tissue faced, subject to enquiry.

Fire-teK Dry Fix Noggin Slab is an easy to cut, Rock Mineral Wool slab with superior fire resistant properties for use as the fixing noggin in the fire protection of structural steel work.

### PERFORMANCE

#### Fire

Classification:

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

- ✓ Quick, clean and dry installation process
- ✓ Aids fixing of Fire-Tek Beam and Column Slab
- ✓ Choice of fixing systems
- ✓ Moisture tolerant
- ✓ Can accommodate decorative finishes

### SPECIFICATIONS

Thickness (mm)	Length (mm)	Width (mm)	Pieces per pallet	Area per pallet (m <sup>2</sup> )
<b>FireTech Slab - Unfaced</b>				
30	1800	1200	36	77.76
25	1800	1200	45	97.20
20	1800	1200	56	120.96
<b>FireTech Slab - Foil Faced</b>				
30	1800	1200	36	77.76
25	1800	1200	45	97.20
20	1800	1200	56	120.96
<b>FireTech Dry Fix Noggin Slab</b>				
30	1800	1200	36	77.76

All dimensions are nominal. Other sizes may be available subject to enquiry.

### CERTIFICATION



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### ADDITIONAL INFORMATION

#### Durability

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

#### Application

Fire-teK Beam and Column Slab can be used to provide up to 4 hours fire protection to structural steel columns, beams and trusses. Fire-teK Beam and Column Slab with a foil facing 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 Fire-teK Beam and Column Slabs before application of plaster finishes. Fire-teK Beam and Column Slab can be used with four types of fixing systems for the fire protection of structural steelwork. Fixing systems:

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

Fire-teK Dry Fix Noggin Slab is used in the Fire-teK Dry Fix System providing up to 2 hours fire protection for structural steel work.

#### Standards

Fire-teK Beam and Column Slab and Fire-teK FireTech Dry Fix Noggin Slab are manufactured in accordance with BS EN 13162, ISO 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.

#### Environmental

Fire-teK Beam and Column Slab and Fire-teK Dry Fix Noggin Slab represent no known threat to the environment and have zero Ozone Depletion Potential and zero Global Warming Potential.

#### Moisture resistance

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

#### Handling and storage

Fire-teK Beam and Column Slab and Fire-teK 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. Fire-teK Beam and Column Slab and Fire-teK Dry Fix Noggin Slab should not be left permanently exposed to the elements.

#### Knauf Insulation Ltd

PO Box 10, Stafford Road, St.Helens, Merseyside, WA10 3NS. UK

Customer Service: 0844 800 0135

Technical Support Team: 01744 766 666

Literature: 08700 668 660

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