FIRE-TEK BEAM AND COLUMN SLAB

APPLICATIONS

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

FireteK 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:


SPECIFICATIONS

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Pieces per pallet</th>
<th>Area per pallet (m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire-teK Slab - Unfaced</td>
<td>50</td>
<td>1800</td>
<td>1200</td>
<td>1800</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>1800</td>
<td>1200</td>
<td>1800</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>1800</td>
<td>1200</td>
<td>1800</td>
</tr>
<tr>
<td>Fire-teK Slab - Foil Faced</td>
<td>50</td>
<td>1800</td>
<td>1200</td>
<td>1800</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>1800</td>
<td>1200</td>
<td>1800</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>1800</td>
<td>1200</td>
<td>1800</td>
</tr>
<tr>
<td>Fire-teK Dry Fix Noggin Slab</td>
<td>30</td>
<td>1800</td>
<td>1200</td>
<td>1800</td>
</tr>
</tbody>
</table>

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

BENEFITS

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

CERTIFICATION

[CE mark]
FIRE-TEK BEAM AND COLUMN SLAB

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

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.

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