PYROTEK® CB ADHESIVE

high-performance flexible adhesive

Pyrotek® CB Adhesive is a high-performance, flexible polymer adhesive suitable for installation of concrete panels onto masonry substrates. Developed for high strength bonds with Reapor® and Viterolite®, it has excellent working properties for installation of vertical panels. The chemical cure is suitable to large size panels that are exposed to outdoor conditions.

Pyrotek® CB Adhesive is a cementitious-based, flexible polymer adhesive, filled with a specialised nano rated system. Due to its composition of lightweight aggregates and specialty fibres, Pyrotek® CB Adhesive has excellent working characteristics similar to a mastic but it will chemically cure to form an impressive bond.

Being a cement based compound, the material is easy to apply by simply trowelling onto surfaces. Once dry, the cured film is UV, water and chip resistant and exhibits low combustibility.

applications

- Masonry substrates
- Compressed fibre cement and plasterboard
- Ideal for Reapor and Viterolite
- Highly suited to vertical applications
- For Interior and exterior use
- Great for flooring

features

- Minimum weight, maximum performance
- Easy application and clean-up
- Non-slip or sag adhesive
- Excellent adhesion, strength
- Suitable for outdoor exposure
- Good working characteristics
- Minimal/Low shrinkage
- Ideal for weight sensitive applications - lightweight for applying panels to vertical surfaces
- Water-based

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Colour</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packaging</td>
<td>Plastic lined paper sacks</td>
</tr>
<tr>
<td></td>
<td>Adhesive type: Cementitious</td>
</tr>
</tbody>
</table>
## PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Adhesive type</th>
<th>Colour</th>
<th>Packaging</th>
<th>Weight</th>
<th>Mixing Ratio (Water to adhesive)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pyrotek CB Adhesive</td>
<td>Cementitious</td>
<td>White</td>
<td>Plastic lined paper sacks</td>
<td>20 kg</td>
<td>1:3</td>
</tr>
</tbody>
</table>

## MATERIAL PROPERTIES

<table>
<thead>
<tr>
<th>Coverage m²</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 - 6</td>
<td>Using 12 x 12 mm trowel</td>
</tr>
<tr>
<td>10 - 12</td>
<td>Using 6 x 6 mm trowel</td>
</tr>
</tbody>
</table>

### Standard AS ISO 13007

- C2: > 1.00 MPa
- E: open time
- T: Thixotropic
- S1: > 2.5 mm deflection over 300 mm

### Properties

- **Tensile strength**: > 2.0 MPa
- **Tensile strength, immersed material for 21 days**: > 1.0 MPa
- **Tensile strength, 14 days heat aged**: > 1.5 MPa
- **Transverse Deformation**: > 3.5 mm
- **Compressive strength**: > 20 MPa
- **VOC content**: < 1 g/L

### Properties

- **Open time**: 20 min
- **Pot life**: 1 hr
- **Initial set**: 6 hr
- **Foot traffic**: 24 hr
- **Heavy traffic**: 72 hr

**Note**: Above specification is for material at 20°C.