Sikafix Extra
Extra Power Tile Adhesive

Product Data Sheet
Edition 1, 2013
Identification no. xxx
Version no. 0010
Sikafix Extra

Product Description
Sikafix Extra is a two-component cement-based polymer modified, pre-packed tiling adhesive mortar combining cement with selected grades of sand and several admixtures. High strength adhesive, able to restrain unsteadiness and water submersion. Ready to use, only requires to mix both materials.

Uses
Apply for:
- Marble
- Granite
- Mosaic
- Ceramic tile
- Natural stone

For application on:
- Floor and wall
- Interior and exterior
- Dry and wet (water submerge)
- Tile on tile application

Able to be applied as repair concrete surfaces (cosmetic repair).

Advantages
- Easy to mix and apply.
- Excellent adhesion (example: apply marble tile on wall)
- For heavy traffic area (example: car park, show room, supermarket).
- Can hold at water submersion condition, (example: swimming pool).
- Non corrosive to steel, non flammable.
- Non toxic.
- High abrasion resistance.

Consumption
2.1 kg/m² per mm thickness
For floor and wall application:
4.5 - 5 m² per 30 kg set (based on 3 mm thickness)

Instruction for Use
Surface Preparation
Substrate surface must be clean, sound, level and uncontaminated by oil or grease. Remove cement laitance, formwork traces and loosely adhering particles by sand blasting or high pressure water jetting. Absorbent substrates must be pre-wetted to saturated surface dry (SSD) conditions.

Application
- Pour approximately 4/5 of Component ‘A’ into mixing container.
- Add Component ‘B’ while continuing to mix. Mix to a uniform consistency, for 3 minutes.
- Add remaining component ‘A’ to mix if a greater consistency is desired.
- Use a mechanically powered low speed drill (400 – 600 rpm) with mixing paddle or appropriately sized
- Wait for 3 - 5 minutes, then mix again.
- Apply with tooth trowel.
- Proceed to apply while the adhesive is still wet (no need to immerse the tile prior to apply).

Limitations
- Maximum thickness per application: 5 mm (wet condition).
- Variation in cement could cause shade differences in colour of the mortar.
## Technical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td><strong>Form</strong></td>
<td>Comp. A : Liquid</td>
</tr>
<tr>
<td></td>
<td>Comp. B : Powder</td>
</tr>
<tr>
<td><strong>Colour</strong></td>
<td>Concrete Grey</td>
</tr>
<tr>
<td><strong>Mixing Ratio</strong></td>
<td>Comp. A : B = 1 : 5 (by weight)</td>
</tr>
<tr>
<td></td>
<td>Comp. A : B = 1 : 4 (by volume)</td>
</tr>
<tr>
<td><strong>Mixing Density</strong></td>
<td>Approx. 2.1 kg/l</td>
</tr>
<tr>
<td><strong>Pot Life at 30°C</strong></td>
<td>20 minutes</td>
</tr>
<tr>
<td><strong>Flexural Strength</strong> (ASTM C-348)</td>
<td>28 days 45 – 65 kg/cm²</td>
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<tr>
<td><strong>Bond Strength to concrete</strong></td>
<td>28 days ≥15 kg/cm² (concrete failure)</td>
</tr>
<tr>
<td><strong>Compressive Strength</strong> (ASTM C-109)</td>
<td>3 days 250 kg/cm²</td>
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<td></td>
<td>7 days 300 kg/cm²</td>
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<tr>
<td></td>
<td>28 days 420 kg/cm²</td>
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<tr>
<td><strong>Shelf life</strong></td>
<td>9 months if stored in original unopened packaging in dry condition and must be protected from direct sunlight.</td>
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<tr>
<td><strong>Storage</strong></td>
<td>Dry, cool, shaded place</td>
</tr>
<tr>
<td><strong>Packaging</strong></td>
<td>30 kg set</td>
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<tr>
<td></td>
<td>Comp A (Liquid) = 5 kg ; Comp B (Powder) = 25 kg</td>
</tr>
</tbody>
</table>

### Handling Precautions:
- Avoid contact with skin and eyes
- Wear protective gloves and eye protection during work
- If skin contact occurs, wash skin thoroughly
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay

### Legal Notes

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