Prestige Powerflex Ceramic Paste Tile Adhesive

The new measure in adhesive technology

PURPOSE

Prestige Powerflex Ceramic Paste Tile Adhesive is a ready mixed, flexible, thin bed, non-slip, super grip paste adhesive, suited for use in interior and covered exterior conditions, walls and floors. Can be used for fixing lightweight ceramic, brick, and clay tiles to flexible surfaces such as primed timber and chipboard, pre-primed corrosion-free metal surfaces as well as plaster, concrete, primed asbestos and chipped and primed gypsum plaster. This product can be used in areas prone to moisture i.e. Bathrooms.

CAUTION

This product is not recommended for use in permanently wet conditions or in swimming pools.

CURING PERIODS

As per the SABS Code of practice for the Design and Installation of Ceramic Tiles Code 0107–1996.

- New concrete floors require 6 weeks curing time before direct bedding.
- New concrete floors require 4 weeks curing time before screeding and the screeds another 4 weeks before tiling can commence.
- New brick walls require 6 weeks curing time before direct bedding.
- New brick walls require 4 weeks curing time before plastering and the plaster another 2 weeks before tiling can commence.
- RECOMMENDATION: Surfaces to be tiled must be wood floated and not steel trowelled/power floated.

SURFACE PREPARATION

1. Surfaces must be solid/firm and free of dust, mould oil, grease, sealers, wax polish and organic growth. Organic growth must be removed and the spores killed with an effective fungicide such as a household bleaching solution.
2. Painted and Gypsum-plastered surfaces need to be chipped to remove 80% of the paint or Gypsum.
3. Enamel-painted and bitumen surfaces: Strip all of the coating by scraping and then chip to expose 80% of the substrate. DO NOT USE A SOLVENT OR HEAT TO REMOVE BITUMEN FROM THE SUBSTRATE.

5. Smooth, off-form/shutter or power-floated cement surfaces: Acid wash to remove laitance, rinse well with cold clean water. NOTE: Once the surface preparation has been completed on the above problem surfaces, the area must be primed with Prestige Keying Compound mixed with Prestige Keying Additive. (Two parts of Prestige Keying Compound to be mixed with one part of Prestige Keying Additive and applied with a builder block brush to a thickness of ± 2mm and allowed to dry for 24 hours.)

MIXING

1. Prestige Powerflex Ceramic Paste Tile Adhesive is a ready to use paste adhesive and must not be adulterated by addition of water or any other substance.
2. Stir product before use. DO NOT ADD WATER.

APPLICATION

- Apply a 3 mm bed of adhesive using a 6 mm x 6 mm x 6 mm notched trowel.

1. Spread enough adhesive with a notched Wall or Floor trowel to a minimum bedded thickness of:
   - 3mm for wall tiling.
   - Heavily lugged, grooved or dovetailed tiles must be butt-
tered to fill any voids with adhesive before placing into wet adhesive.

- Do not spread more adhesive than can be used within ± 10 minutes.

2. Press tiles firmly into wet adhesive with a twisting action. Use a rubber mallet to bed large or heavy tiles.

3. Occasionally lift a tile to check that full contact is being made between the tile and the wet adhesive.

4. Remove excess adhesive from joints and tiled surface before drying has occurred. Minimum grouting joints for walls is 2mm and for floors 3mm or as recommended by the tile manufacturer.

- Do not butt joint tiles.

5. Tiles must be allowed to dry for a minimum of 24 hours before grouting takes place. (For sealed or non-porous surfaces allow minimum 48 hours.)

- GROUTING: Ensure that the joints are free from tile adhesive and any other foreign matter.

- Use Prestige Tile Grout. (For sealed, primed or non-porous surfaces allow 48 hours drying time.)

### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>White</td>
</tr>
<tr>
<td>Consistency</td>
<td>Trowel-able Mastic</td>
</tr>
<tr>
<td>Non-hazardous</td>
<td>Non-flammable, freeze and thaw resistant</td>
</tr>
<tr>
<td>Initial setting time</td>
<td>± 24 hours at 25°C and 50% humidity</td>
</tr>
<tr>
<td>Final setting time</td>
<td>± 48 hours at 25°C and 50% humidity</td>
</tr>
<tr>
<td>Correction time</td>
<td>± 30 minutes at 25°C and 50% humidity</td>
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<tr>
<td>Open time</td>
<td>± 20-25 minutes at 25°C and 50% humidity</td>
</tr>
<tr>
<td>Temperature</td>
<td>Resistant up to 90°C</td>
</tr>
<tr>
<td>Density</td>
<td>1.0 g /cm³</td>
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<tr>
<td>Shelf life</td>
<td>12 months</td>
</tr>
<tr>
<td>Storage</td>
<td>Original airtight container at ambient temperature</td>
</tr>
<tr>
<td>Coverage per 20 kg</td>
<td>± 1m/kg using a 6mm notched wall trowel</td>
</tr>
</tbody>
</table>

(The above is based on an even and level surface.)

### PACKAGING

2 kg & 5 kg bucket.

### GENERAL

As per the SABS Code of Practice for the Design and Installation of Ceramic Tiles Code 0107–1996.

1. Tiles should be installed providing for adequate movement joints. Movement and expansion joints to be provided for at maximum ± 3m centres externally, and 5m internally.

- Suspended surfaces at ± 3m centres internally, in both directions or as per the tile manufacturer’s instructions.

2. All expansion and movement joints must extend through the adhesive bed and tiles.

3. Remove all dust from the back of tiles prior to installation.

4. Tiles must have full contact with the adhesive – leave no voids.

5. Use only dry tiles – do not soak tiles in water or any other liquid.

### GUARANTEE

We guarantee that Prestige products meet the product specifications and will be free from any defect. Any guarantee with regard to the performance of Prestige products will be subject to the professional and practical application of Prestige products in accordance with our instructions and specifications.

However, we have no influence over specific site conditions and therefore, if in doubt, the user should first carry out sufficient tests to ensure that the product is suitable. In special cases, obtain advice. Should our product prove defective, we undertake to replace any defective material.

This guarantee will fall away in the event of Prestige products being contaminated or adulterated by the addition of sand, cement or any substance other than recommended by us.

### WARNING

- Do not ingest.
- Keep away from children and pets.
- Do not empty into drains.

### PRECAUTIONS

- Wear rubber gloves.
- Do not ingest
- In the event of contamination rinse thoroughly with cold water.
- Use as directed
- Use a dust mask
- Work in well ventilated areas
- Seek medical assistance if irritation or discomfort persists.