The new measure in adhesive technology

Prestige Under-Tile Heating Compound is a rapid hardening grey cement-based compound, suited for use in interior and exterior conditions.

It is designed and suitable for covering under-tile heating wires prior to applying floor coverings.

CAUTION

This product is not recommended for use in heavy duty conditions. For harder wearing surfaces or when under-floor heating is installed, the product should be mixed with Prestige Bonding Additive.

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 plastering and the plaster another 2 weeks before tiling can commence.
- RECOMMENDATION - Surfaces to be tiled must be wood floated and not steel trowled / 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 bleach solution.

2. Painted and Gypsum-plastered surfaces need to be chipped to remove at least 80% of the paint or Gypsum.

3. Enamel-painted and bitumen surfaces: Strip all of the coating by scraping and then chip to expose at least 80% of the substrate. DO NOT USE A SOLVENT OF HEAT TO REMOVE BITUMEN FROM THE SUBSTRATE.

4. Existing ceramic tiles: Clean thoroughly with undiluted Prestige Tile Cleaner. Rinse thoroughly with cold clean water. Allow to dry before tiling commences. Remove all loose tiles prior to screeding.

5. Porous surfaces/substrates should be dampened prior to applying Prestige Under-tile Heating Screeding Compound.

6. Highly porous surfaces/substrates must be primed with Prestige Keying Additive.

7. Impervious, dense surfaces/substrates should be primed with a coat of Prestige Keying Compound mixed with Prestige Keying Additive. Mixture – 2 volumes Prestige Keying Compound mixed with 1 volume Prestige Keying Additive.

8. 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 had 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 minimum thickness of ± 2mm.) Apply Prestige Under-Tile Heating Compound while keying slurry is still tacky.
MIXING

1. Mix 20kg of Prestige Under-tile Heating Screeding Compound to ± 5 litres of cold clean water. In wet, permanently wet or special condition, replace the water in the mix with Prestige Bonding Additive.

2. Mix to a creamy, smooth paste. Mechanical mixing will result in a lump-free, easier to use mix. Stir occasionally whilst in use.

3. Allow mix to activate for 5 minutes.

4. Remix product before use. DON NOT ADD MORE WATER.

5. Do not mix more screed than can be used in ± 30 minutes.

APPLICATION

1. Apply Prestige Under-tile Heating Screeding Compound over the surface and work to a smooth level surface with a steel trowel.

2. Allow the screed layer to dry completely prior to laying any floor covering or subjecting the surface to foot traffic.

3. Trowel marks and wavy surfaces can be removed with course sandpaper or a corundum stone after the screed is dry.

4. Drying times will vary between 3 - 6 hours depending on thickness of the screed, addition of Prestige Bonding Additive, and temperatures prevailing at the time.

5. Screeds above 5mm thickness must be allowed to dry overnight prior to laying any floor coverings or before applying water sensitive adhesives.

6. In wet, or permanently wet conditions and suspended slabs, totally replace the water in the mix with Prestige Bonding Additive.

TECHNICAL DATA

Non-hazardous

Non-flammable, freeze and thaw resistant.

Initial setting time: ± 3 hours at 25°C and 50% humidity

Final setting time: ± 6 hours at 25°C and 50% humidity

Open time: ± 30 - 45 minutes at 25°C and 50% humidity

Pot life: ± 30 - 45 hours at 25°C and 50% humidity

Compressive Strength ± 25 Mpa

Temperature: Resistant up to 90°C

Shelf life: 6 months in dry moderate conditions

Storage: Store in dry conditions on Pallets

Coverage per 20kg: ± 4m2 at 3mm thickness

Application Temperature: + 5°C to + 30°C

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

PACKAGING

20kg

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.