

# PRODUCT DATA SHEET

## Prestige Flowable Screed



### HIGH STRENGTH SELF-LEVELLING SCREED COMPOUND

#### DESCRIPTION

**Prestige Flowable Screed** is a rapid setting, shrinkage compensated cement-based self-levelling compound. It has been specifically formulated for the levelling and smoothing of rough or uneven substrates prior to the installation of floor coverings in high trafficked areas. Its rapid setting, high strength formulation has been designed to repair cement-based sub-floors including sand/cement screeds, and concrete floors. Once applied, the compound can be subject to light foot traffic after 2 to 3 hours, and floor coverings – such as epoxy coatings, tiles, vinyl and carpet – can typically be installed 24 hours after application, once the moisture content is 3% or less.

#### USES

- Levelling or smoothing of substrates
- Patch repair of concrete and cement/screed floors
- Interior and exterior applications

#### CHARACTERISTICS

- Easy to use (ready to mix powder)
- Shrinkage compensated
- Excellent flow characteristics
- Excellent bond to concrete surfaces
- Non-corrosive

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Cement, selected fillers and aggregates, modified polymer additives
<b>Packaging</b>	20 kg bags
<b>Appearance</b>	Grey Powder
<b>Shelf Life</b>	6 months from date of production
<b>Storage</b>	Store in dry conditions, on pallets

# TECHNICAL INFORMATION

<b>Initial Setting Time</b>	± 1 hour at 25°C and 50 % humidity	
<b>Final Setting Time</b>	± 6 hours at 25°C and 50 % humidity	
<b>Open Time</b>	± 20 minutes at 25°C and 50 % humidity	
<b>Pot Life</b>	± 30 minutes at 25°C and 50 % humidity	
<b>Temperature Resistance</b>	Up to 90°C	
<b>Compressive Strength</b>	<b>7 Days</b> ~ 20 N/mm <sup>2</sup>	<b>28 Days</b> ~ 30 N/mm <sup>2</sup>
<b>Flexural Strength</b>	<b>7 Days</b> ~ 6 N/mm <sup>2</sup>	<b>28 Days</b> ~ 8 N/mm <sup>2</sup>
<b>Tensile Adhesion Strength</b>	~ 0.7 N/mm <sup>2</sup>	
<b>Flow Properties</b>	± 150 mm	
<b>Shrinkage</b>	~ 0.6 mm/m	
<b>Coverage per 20 kg</b>	± 4 m <sup>2</sup> at 3 mm thickness	

## INSTALLATION INSTRUCTIONS

### Surface preparation

- Existing surfaces must be solid, firm and free of dust, mould oil, grease, sealers, wax polish and organic growth. All damaged, defective, deteriorated or hollow sounding areas within the screed or render must be removed down to a solid, clean substrate and made good before screeding. Organic growth must be removed, and the spores killed with an effective fungicide such as a household bleaching solution.
- 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.
- Porous surfaces/substrates should be dampened prior to applying **Prestige Flowable Screed**. Highly porous surfaces must be primed with **Prestige Keying Additive** prior to screeding.
- Smooth, off-form/shutter or power-floated cement surfaces must be acid wash to remove laitance and rinsed well with cold clean water. 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 minimum thickness of ± 2mm). Apply screed while keying slurry is still tacky.

### Mixing

- Mix 20kg of **Prestige Flowable Screed** to ± 5 litres of cold clean water. In wet, permanently wet or special conditions, replace all the water in the mix with **Prestige Bonding Additive**.
- Mix to a creamy smooth paste. Mechanical mixing will result in a lump free, easier to use mix. Stir occasionally whilst in use.
- Allow mix to activate for 5 minutes. Remix product before use. DO NOT ADD MORE WATER.
- Do not mix more screed that can be used in ± 30 minutes

### Application

- Pour the **Prestige Flowable Screed** onto the primed substrate, spreading it out with a long handled pin leveller or notched rake suitable for the required thickness, until the entire surface is covered
- Trowel marks and wavy surfaces can be removed with coarse sandpaper or a corundum stone after the screed is dry.
- Drying times will vary between 1-hour and upwards depending on thickness of the screed, addition of Bonding additive, and temperatures prevailing at the time.
- Screeds above 5mm thickness must be allowed to dry overnight prior to laying any floor coverings or before applying water sensitive adhesives.

## 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.

## WARNING

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

## PRESTIGE ADHESIVES GUARENTEE

We guarantee that **Prestige** products meet the product specifications and will be free from any defect. Any guarantee with regards 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.

## IMPORTANT NOTICE

Prestige Adhesives believes the information on this sheet to be correct and true; but does not guarantee its accuracy or completeness. Conduct your own tests of this product to determine its suitability for intended use. User assumes all risks and liability during testing and use of this product. The only obligation of Prestige Adhesives shall be to replace any of this product proved to be defective in material. Prestige Adhesives shall not be liable for any injury, loss or damage, direct or inconsequential, relating to the use or inability to use this product. Except as expressly provided above, all products sold and samples furnished without any warranty of merchantability or any other warranty, express or implied. Prestige Adhesives CC reserves the right to change the information on this datasheet.

## PRESTIGE TECHNICAL ADVICE CENTRE

For a detailed Materials and Methods Specification contact the Prestige Adhesives Technical Advice Centres:

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