

# FLOORFLOW SL

## Self Levelling Floor Underlayment Screed

FLOORFLOW SL is a quick setting, high early strength, flow applied, cement based, self-levelling floor compound and underlayment screed.

Floorflow SL is designed for levelling of floors prior to application of vinyl tiling, laminates, carpeting and ceramic tiles. FLOORFLOW SL provides a very smooth, hardened finish, which is ready for coverings approximately 6 hours later.

### UNIQUE PRODUCT BENEFITS

- Easy to mix and apply
- Substrate versatile
- Quick drying
- Self-levelling with good adhesion to concrete and other masonry materials
- Compatible with water based and solvent based contact adhesives

### APPLICATIONS:

- Self-levelling underlayment (SLU) for floors
- Levelling of floors before applying carpets or vinyl tiles
- Floor leveler before applying parquet wood or ceramic tiles
- May be used as a cementitious scraper coat for a thin layer screed mortar as well as a screed up to 5mm thick to fill holes and depressions.

### TECHNICAL DETAILS

Components	Single Pack
Mix ratio	5 L (water) : 20 kg Bag
Yield	12.7 L
Coverage	6.35 m <sup>2</sup> @ 2 mm 4.23 m <sup>2</sup> @ 3 mm
Pot Life	15 - 20 min.
Cure Time	2-3 hour walk on 6-8 hours, hard dry 18 hours, normal traffic
Compressive Strength	18 MPa, 1 Day 30 MPa, 3 Day 40 MPa, 7 Day 56 MPa, 28 Day

### PACKAGING

FLOORFLOW SL supplied in 20kg poly-woven bags

### DIRECTIONS

#### Preparation

Surfaces to be levelled should be clean, free of oil, grease and paint. Diamond grind the surface to increase porosity and to remove any projections. Defects deeper than 5mm should first be patched, by applying a scraper coat with Floorflow SL.

#### Priming

It is essential that the concrete floor to be levelled is well primed with Techfin HD Bonding Liquid at 8-12m<sup>2</sup> per litre (depending on porosity of the floor) using either a soft broom or PVA roller. Porous floors will require two applications of primer to obtain a non-absorbent surface. Test the floor, after the primer has dried with water to check that there is no penetration taking place. Priming should be completed 1-2 hours ahead of levelling with Floorflow SL.

**Leading manufactures of specialist epoxy and polyurethane flooring systems, specialised construction and corrosion protection products.**

#### Distribution facilities nationwide

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Old porous tiles such as clay tiles may have absorbed oily contaminants that are difficult to extract resulting in the FLOORFLOW SL not adhering to the surface. In such cases it is necessary to grind the tiles mechanically and degrease as best as possible with Liquid Action. Then apply Solidkote 110 wet-to-dry epoxy primer and Floorflow SL onto tacky epoxy for optimal adhesion results.

## APPLICATION

Once the substrate is suitably primed, mix the 20kg FLOORFLOW SL with 5L clean water using a mechanical mixing tool for 2-3 minutes to ensure a lump free, fluid consistency. Ensure the mixing is performed with a high-torque, low speed mixing device. Pour the mixed product onto the primed floor and begin to spread using a 6mm notched rake or rubber squeegee. Spread the mix over the floor and then spike roll to level stubborn ridges as soon as possible or the screed will not self-level.

Working time is 10-12 minutes for best self-levelling results. Allow the system to set and harden for 8 hours and then lightly rub the surface down with 100 grit floor paper to ensure that there are no projections.

## SAFETY

FLOORFLOW SL is a cementitious based product and should be treated as such. Wear rubber gloves for skin protection and dust masks while mixing.

## SPECIFICATION

FLOORFLOW SL is designed as a levelling compound for floor systems and should be used as supplied with addition of water only. The substrate needs to be correctly prepared and weak substrates may require additional preparation work or priming to achieve the desired finish. Please contact your sales representative should your floor require any further attention. FLOORFLOW SL should be tested on site to affirm its suitability for a particular application.

The above information is supplied to the best of our knowledge and is believed to be correct. All products are tested and subjected to an SABS approved quality management system ISO 9001:2000 and are guaranteed against defects. Technical Finishes Pty Ltd will not be held responsible for the application work performed by the contractor/ applicator.

## WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.

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