

FLOORSKIM

Quick Setting Floor Smoothing Compound

Floorskim is a fine, cement based skimming and scraper coating compound for smoothing floors prior to vinyl tiling or sheeting. It may be used at thicknesses up to 10 mm in one operation. Floorskim provides a rapid drying and hardening finish, which is ready for tiling when visibly dry.

BENEFITS:



*Quick drying.
Rapid return to service.*



Easy to mix and apply.



Self-levelling.



*Substrate versatile.
Good adhesion to concrete and other masonry materials.*



May be applied over tiles with suitable preparation and priming.



Compatible with water-based and solvent-based contact adhesives.

APPLICATIONS:

- Self-levelling underlayment (SLU)
- Levelling of floors before applying carpets or vinyl tiles.
- Floor leveller 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 10 mm thick to fill holes and depressions.

TECHNICAL DETAILS

Appearance	Cementitious powder
Mix Ratio	5 L (water) : 20 Kg
Yield	12.5 L
Coverage	6.25 m ² @ 2 mm
Pot Life	20 minutes
Overlay Time	2 - 5 hours (visibly dry)
Full Cure	3 days
Compressive Strength	12 MPa (7 days) 20 MPa (28 days)

PACKAGING

Floorskim is supplied in 20 kg polywoven bags.

SPECIFICATION CLAUSE

Floorskim is designed as a smoothing compound for concrete floors and should be used as supplied with addition of water. Please contact your sales representative should your floor require any further attention. Floorskim should be tested on site to affirm its suitability for a particular application.

PRECAUTIONS

For application over ceramic / porous tiles, old porous tiles such as clay tiles may have absorbed oily contaminants that are difficult to extract resulting in the Floorskim not sticking to the surface. In such cases, grinding of the tile surface is necessary and application of **Solidkote 110** wet-to-dry epoxy primer is required to ensure good adhesion. (Please request Technical Data Sheet)

SUBSTRATE

Substrates need to be minimum 15 MPa. Surfaces to be smoothed should be clean, free of oil, grease and paint. Mechanically prepare the surface of the substrate before starting the application using diamond grinding to remove any projections and increase surface porosity. Deep defects (in excess of 10 mm) should first be patched or grouted, using Floorskim made up with less water (4.5 L) to a stiff paste.

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PRIMING

Priming of concrete surfaces with **Techfin Hi-Density Bonding Liquid** and pore sealing agent will seal the substrate and maintain product flow as well as prevent bubbles rising through the wet Floorskim. Dilute 50% with water and apply a double coat with a sheep skin roller. Allow 20 minutes to tack off before screeding may commence. Apply a new coat should the primer be left for more than 2 hours.

RISING DAMP

Should there be rising damp or moisture levels between 2 - 6%, apply a vapour barrier coat of **Solidkote DTP Primer** and broadcast clean silica sand (AFS 38-55) to rejection. Sweep and vacuum excess silica then apply a coat of **Techfin Hi-Density Bonding Liquid** with a sheep skin roller before screeding.

DENSE SURFACES

Over dense, non-absorbent surfaces e.g. ceramic tiles or power-floated concrete use **Solidkote 110** epoxy primer and broadcast Silica AFS 38 - 55 to rejection. Sweep and vacuum loose silica and apply **Techfin Hi-Density Bonding Liquid** before screeding.

MIXING

Using a suitable mixing bucket, mix the Floorskim into 5 litres of clean water to a smooth flowing, lump free paste with use of mechanical mortar mixer for 2 - 3 minutes. Use the mixed Floorskim within 20 - 30 minutes depending on the ambient temperature and do not add more water if it starts to set up.

PLACING

Pour out the mix onto the floor in a long ribbon. Draw out the paste using a steel plastering trowel held at an angle (about 45°) leaving very little paste behind but having filled the roughness of the floor (scraper coat fashion). Use figure of eight (8) sweeps of the trowel, keeping the paste ahead of the blade all the time and leaving none to flow back past the front edge of the trowel.

Alternatively, pour the mixed product out and pull over the prepared substrate surface using a gauge rake of 4 mm to achieve a 2 mm resulting finish. This method of application is faster and easier than the trowel method as the application thickness is always constant. Small ridges should be left to harden and then rubbed down with the carborundum block when dry.

HEALTH AND SAFETY:

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

Please read Safety Data Sheet and specific health and safety data for this product provided in compliance with the requirements of OHS Act No.85 of 1993. The finished system is not hazardous to health or the environment.

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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