

ROK FLOOR FS 20

CEMENTITIOUS FLOOR SCREED

Description

ROK Floor FS20 is a blend of cement, graded aggregates, fibres and fine additives that can be used from 10–80 mm thickness in a single layer for bonded screed applications and 40–100 mm thickness in a single layer for unbonded screed applications. ROK Floor FS20 when mixed with water produces cohesive workability and a durable screed.

Typical Applications:

- Suitable for internal and external use
- Prior to the application of internal finishes such as tiling, parquet etc.
- Patching and repairing to make floor leveling
- Warehousing

Features

- Excellent workability
- Surface crack resistance
- Weather resistance
- Easy to use

Packaging

50 kg bags

Method of Application

1 SURFACE PREPARATION

- For bonded screed: Remove laitance, unsound material, oil, grease, and contamination. Saturate the surface with clean water for at least 2 hours before priming.
- For unbonded screed: Priming is not required. Ensure the separating layer (polyethylene sheet or insulation board) is clean, flat, and properly positioned.

2 PRIMING

- Apply ROKBOND SBR as a primer coat with dilution 1:1 ratio with clean water on concrete surface. Apply ROK Floor FS20 wet on wet to the primed coat to enhance bonding to the substrate.

3 MIXING

- ROK Floor FS20 is supplied in one components, 50 kg bags requires addition Of 4.5 - 5.5 of potable water. The material is mixed using a mechanical mixer adding powder to water



and mixing for 3 -5 minutes until homogenous and uniform material is obtained. If the ambient temperature is above 30°C, the gauging water must be chilled with ice and the bags stored in a cool place out of direct sun. The mixed material should have a maximum temperature of 32°C.

4 APPLICATION

ROK Floor FS20 should be poured onto the prepared surface immediately after mixing. Spread and compact with a wooden float or steel trowel as appropriate. Finish with suitable tools depending on the required surface texture.

5 CURING

As soon as the material is firm enough to prevent marking usually within 12 hours, start the curing at least 3 days with water, 3-4 times per day, by placing wet hessian. For the huge area application curing compound Rokseal CM or Rokseal S as appropriate.

Consult Technical department for the type of curing compound based on subsequent finish required on screed.

6 CLEANING

All tools should be clean with water after immediately use

Note: For application above 40° C we recommend adopting the following guidelines

- Store unmixed materials in a cool preferably air conditioned environment.
- Avoid exposure of mixed & unmixed materials to direct sunlight
- Use iced water for mixing.
- Keep equipment that will be in contact with the product cool and away from direct sunlight.

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Technical Information	
Appearance	Cement grey
Binder	Ordinary Portland cement
Maximum aggregate size	0-5 mm
Water/Powder ratio	0.10
Wet Density g/cc	2.2 ±0.05
Approximate yield	25 liters. per 50 kg bag
Compressive strength, BS EN 196@28 days	>20 N/mm ²

* Typical values under laboratory condition

Health and Safety

This product contains cement. And contact with skin may cause irritation. It should not be inhaled, and a properly designed and maintained face mask should be used whilst handing, pouring and mixing the powder. Avoid contact with the product by working carefully, using a barrier cream and wearing protective gloves. If any contact does occur, wash thoroughly with soap and water. Use eye protection. Avoid contact with eyes, if such contact occurs irrigate with water for 20 minutes and seek medical advice. If mistakenly ingested, drink plenty of clean water and seek medical advice. See MSDS for further information.

Theoretical Coverage

Approx. - 2.0 kg per mm per m².

Storage

When stored in dry conditions in original unopened Packaging this product has a shelf life of 12 months. Storage above 35°C and high humidity (above 50%) Will reduce shelf life and product performance.



WATERPROOFING



CONCRETE & STRUCTURAL REPAIR



CRACKFILL & SEALANTS



BONDING AGENTS



SURFACE PLASTERS



GROUTS & ANCHORS



MORTARS



MARBLE & STONE PROTECTION



PERFORMANCE FLOORING



UNDERLAYMENTS



SPECIALITY CONSTRUCTION PRODUCTS



TILE ADHESIVES & GROUTS



Pidilite MEA Chemicals LLC
PO Box 120657
Dubai, United Arab Emirates
Tel: +971 4 884 9880
Fax: +971 4 884 9879
Web: www.pidilitemea.com

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