

ROK FLOOR FS 30

CEMENTITIOUS FLOOR SCREED



Description

ROK Floor FS30 is a blend of cement, graded aggregates, fibres, and fine additives. It can be applied in a single layer with a thickness of **20–80 mm for bonded screed applications and 40–100 mm for unbonded screed applications**. When mixed with water, ROK Floor FS30 provides cohesive workability and forms 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, loose or unsound material, oil, grease, and other contaminants. Saturate the substrate with clean water for a minimum of 2 hours prior to priming.

Unbonded screed applications: Priming is not required. Ensure the separating layer (polyethylene sheet or insulation board) is clean, flat, properly laid, and securely positioned.

2 PRIMING

- Apply ROKBOND SBR as a primer coat with dilution 1:1 ratio with clean water on concrete surface. Apply ROK Floor FS30 wet on wet to the primed coat to enhance bonding to the substrate.

3 MIXING

- ROK Floor FS30 is supplied in one component. A 50 kg bag requires addition Of 4.5 - 5.5 Litres 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 FS30 is poured on the primed surface as soon as mixing is completed. Spread and compact with wooden float or steel trowel where appropriate. Finish with appropriate tool depending on the surface texture required.

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 | 30 N/mm ² |

* Tested with 10% W/p ratio.

All tests carried out under standard laboratory conditions and subjected 5-10% tolerance.

Theoretical Coverage

Approx. - 2.2 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.

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.



WATERPROOFING



CONCRETE & STRUCTURAL REPAIR



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