

Febflor Plus

Flexible Concrete Floor Self Levelling Compound

- For preparing concrete and screed floors
- Self smoothing
- Application depth, 2-6mm
- May be covered after 8 hours
- Casein free, for hygienic applications
- Coverage, 5m², laid at a depth of 3mm

Colour	Product Code	Pack Size	Box Qty
Grey	FBFLORPLUS	20Kg	1



Flooring Screeds & Sealers

Product Description

FEBFLOR PLUS is a cementitious floor levelling and smoothing compound in powder form (with added latex powder) requiring only the addition of water. FEBFLOR PLUS can be easily spread on to suitably prepared stable substrates in order to smooth surfaces, prior to laying final floor coverings. This product is not designed as a final wearing course to receive traffic and must be covered with tiles, lino, carpet etc.

Typical Uses

For levelling and smoothing concrete and screeded floors prior to laying final wearing, coverings such as carpets, sheet vinyl, tiles etc. where heavier trafficking is anticipated or increased flexibility are required.

Features & Benefits

- Self smoothing – sets hard within 1½ to 3 hours depending on temperature.
- Added latex improves flexibility, adhesion and abrasion resistance.
- Coverings may be laid 6-8 hours after application.
- Pre-blended requiring only the addition of water.
- Economical.
- Can be trowelled to a feather edge.

Instructions for Use

Preparation of Substrate

Floors to be treated must be free from grease, dust and loose particles. Existing concrete/asphalt screeds must be a minimum of 4 weeks old before applying this product. Always prepare floors by dampening with water then priming with FEBOND PVA diluted 1 part PVA to 3 parts water to give a sound, slightly damp surface.

Application

20kg of FEBFLOR PLUS will require 5 litres of water (or 3 parts powder to 1 part water - volume: volume ratio). DO NOT USE EXCESS WATER. Always add the powder to water. This should be carried out by stepwise addition whilst stirring until a free flowing creamy compound is produced. Pour the mixture out into the prepared floor and allow it to find its own level. Trowel down lightly to achieve an overall thickness not exceeding 6mm. Where further finishing is required, allow the surface to stiffen, usually ¾ to one hour after application, and lightly sprinkle with water and carefully trowel to produce a smooth appearance. Do not sprinkle excessive water or over trowel at this stage.

Additional layers, each not exceeding 6mm, may be applied to achieve the required depth only when the first coat is dry (8 hours minimum @ 20°C). Prime with FEBOND PVA diluted 1 part PVA to 3 parts water between layers.

For areas where deep depressions occur, (greater than 6mm in depth), patch the floor with JETCEM RAPID SET CEMENT raise the depressions to the general level of the remaining floor, allow to dry (minimum 8 hours @ 20°C) and prime with FEBOND PVA diluted 1 part PVA to 3 water before applying this product as directed.

Timber Floors/Existing Asphalt - Degrease and roughen up any glaze on existing tiling or asphalt prior to laying this product. Suitable for small areas (1m² max) over interior timber floors only.

Timber floors must be securely screwed down at 300mm centres. In all cases, apply FEBOND SBR to the floor at a 1:1 dilution with water. Mix FEBFLOR PLUS with water as above and apply to sub floor whilst the bonding coat is still tacky. The free-flowing properties of FEBFLOR PLUS are reduced after 10 minutes and workability will be lost after 30 minutes. Never reconstitute the mix after initial stiffening has taken place. Do not work below 4°C. Always turn off under-floor heating and allow sub-floor to cool and do not switch it on again for at least 24 hours after completion. Do not allow to dry too quickly in hot weather.

Coverage

20kg covers approximately 5m² at 3mm (standard) depth depending on substrate porosity.

Storage

Store in cool, dry conditions as for Portland Cement.

Shelf Life

9 months when stored as recommended by the manufacturer.

Note: This product is NOT recommended as a final wearing surface.

Performance Data

Appearance	Grey granular powder
Cleaning	All tools and equipment should be cleaned with water
Specific Gravity @ 20°C	1.6 gcm ³ (dry); 2.3 gcm ³ (wet or cured)
Application Temp	4°C to 35°C
Open time/Pot life	20 mins @ 20°C
Overlay time	8 hours @ 20°C
Thickness	0.5mm-6mm

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