



Febflor

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	FBFLOR20	20Kg	1



Flooring Screeds & Sealers

Febflor

Product Description

FEBFLOR is a cementitious floor levelling and smoothing compound in powder form requiring only the addition of water. FEBFLOR 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.

Features & Benefits

- Self smoothing - Sets hard within 1½ to 3 hours depending on temperature and can be trowelled to a feather edge.
- Coverings may be laid 6-8 hours after application.
- Pre-blended requiring only the addition of water.
- Easy to use and economical.

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. Prepare floors by dampening with water then priming with FEBOND PVA diluted 1 part PVA to 3 parts water.

Application

20kg of FEBFLOR 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 parts water before applying this product as directed.

For areas where heavy loading and/or trafficking are anticipated on the final surface, mix FEBFLOR with neat FEBFLOR LATEX LIQUID rather than water. This will improve flexibility, adhesion and durability of the screed. The mixing ratio is again 20kg of powder to 5ltrs of neat liquid. Again, prime the floor with FEBOND PVA diluted 1 part PVA to 3 water.

Timber floors/existing tiling/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 with neat FEBFLOR LATEX LIQUID (20kg of powder to 5ltrs of liquid) and apply to sub floor whilst the bonding coat is still tacky. The free-flowing properties of FEBFLOR 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.

Performance Data

Appearance	Grey granular powder
Pot life	20 minutes at 20°C
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	2mm- 6mm

