

# FEBFLOR PLUS

## Single Pack , Fast Setting Latex Floor Levelling Compound

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

### Description of Product

FEBFLOR PLUS is a polymer modified shrinkage compensated, cementitious floor levelling and smoothing compound in powder form 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 surface to receive traffic and must be covered with tiles, lino, carpet or hard wearing coating etc.

### Fields of Application

For levelling and smoothing concrete and screeded floors prior to laying final wearing, coverings such as carpets, sheet vinyl, tiles etc.

FEBFLOR PLUS is not suitable for exterior use.

### Features and Benefits

- Self smoothing
- Suitable for application depths between 2 – 10mm.
- High polymer content
- Sets hard within 1 - 2 hours depending on temperature
- 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
- Low odour formulation
- Suitable for use in hygienic applications
- Casein free formulation

### Technical Data/Typical Properties

Appearance	Grey granular powder
Pot life	20 minutes at 20°C
Setting time (Vicat)	60 minutes
Compressive strength	
1 day	>15 N/mm <sup>2</sup>
7 days	>25 N/mm <sup>2</sup>
28 days	>30 N/mm <sup>2</sup>
Flexural strength	
28 days	6.0 N/mm <sup>2</sup>

### Application Procedure

#### Preparation of Substrate

The floor to be treated must be free from dust, loosely adhering material, plaster and cement droppings, grease, oil and paint, and any contaminants which may prevent adhesion.

All surfaces should be sealed using FEBOND PVA, diluted with water at a rate of 1 part FEBOND PVA to 3 parts water.

#### Priming

All surfaces including very smooth, non porous surfaces (such as terrazzo or quarry tiles) should be sealed using FEBOND PVA at a rate of 1 part FEBOND PVA to 3 parts water. For extremely porous surfaces it may be necessary to apply a number of coats to seal the surface. Allow the sealing coat(s) to dry.

#### Mixing

Slowly add the contents of the bag (25 kg) to a maximum of 4.8 litres of clean water, mixing to a lump-free creamy consistency using suitable mixing equipment i.e. slow speed drill and paddle or forced action mixer.

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**Application**

Whilst the bonding coat is tacky, apply the mixed FEBFLOR PLUS onto the prepared surface and trowel to a smooth finish to a maximum depth of 10mm. Further layers should not be applied. A spiked roller may be used to give a superior finish and release trapped air.

**Caution**

Do not mix more than can be laid in 20 minutes. 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.

**Equipment**

Forced action mixer or slow speed drill and paddle..

**Coverage**

3.6 - 4 Kg per m<sup>2</sup> at a thickness of 2mm depending on surface.

**Cleaning**

All tools and equipment should be cleaned with water immediately after use.

**Packaging**

Available in 25 Kg sacks.

**Storage**

Store as Portland Cement, in cool, dry conditions

**Shelf Life**

One year maximum when stored as recommended by the manufacturer in unopened containers.

**Watchpoints**

All floors indicated shall be smoothed with FEBFLOR PLUS manufactured by MBT Feb, or similar approved, composed of cement-based powder with filler and organic additives.

The material should be applied strictly in accordance with manufacturer's instructions.

## FEBFLOR PLUS Degussa Construction Chemicals UK Version 5

**Health and Safety**

\*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

**Solvent Based Products**

Use in well ventilated areas; avoid inhaling. Suitable respiratory equipment may be needed, e.g. when spraying. Can cause skin, eye irritation. Wear protective eye shields and gloves during use. Do not smoke or allow sparks or naked lights when stored or in use.

**Powder Products**

Should be handled to minimise dust formation; use light mask if excessive dust unavoidable. Cement powders when wet or moistened can cause burns to skin and eyes which should be protected during use.

**Resin Products**

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

**Spillage**

Chemical products can cause damage; clean spillage immediately.

**Disclaimer:**

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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