

# **FEBFLOR**

## **FLOOR LEVELLING COMPOUND**

### **Description:**

Febflor is a powder floor levelling compound requiring only the addition of water to give a thin self-smoothing finish for uneven floors.

### **Typical Applications:**

Smooths out irregularities on uneven floors prior to the laying on thermoplastic tiles, lino, carpet, etc.

Note: Febflor is not recommended for use:

- On suspended floors subject to excessive movement.
- As a hard-wearing surface.
- In floors subject to rising damp unless treated with a suitable damp-resisting sealer such as cemenfortis.

### **Appearance & Finish:**

Febflor is a grey powder which, when mixed with water, forms a grey paste. When mixed and applied as directed, it is self smoothing and trowel marks will disappear, the paste hardening to give a smooth, firm surface.

### **Advantages:**

- Self smoothing.
- Sets hard within 1-1½ hours – coverings may be laid after 6 to 8 hours in normal temperatures.

### **Composition:**

A cement based compound plus fillers and organic additives to give self-levelling properties. Protein-free.

### **Coverage Rate:**

1.5 – 2kg per m<sup>2</sup> at a thickness of 1.5mm.

### **Directions for use:**

Surface Preparation:

The floor to be treated must be free from dust, loosely adhering material, plaster and cement droppings, grease, oil and paint, etc.

Porous surfaces such as concrete and sand-cement screeds should first be damped down with water or (preferably) primed with a bonding coat. Very smooth, non-porous surfaces (such as treazzo or quarry tiles) should also be primed in this manner to aid adhesion of the Febflor.

### **Application:**

Add 3 parts of Febflor powder to one part of water (by volume) and stir to a creamy consistency. Pour a small quantity of paste on to the prepared surface and trowel lightly to a thin coating. Follow immediately with further coats, building up to the required thickness – but no more than 6mm. Where a greater thickness is required, fillers such as sand or granite chippings may be added to the paste – up to 2 parts (by volume) of fillers to 3 parts (by volume) of Febflor.

Large, spalled areas, cracks and pot holes should be raked out and cleaned before priming with one coat of Febfix. The holes should then be filled with a mixture of 3 parts Febflor, 1 part water and up to 2½ parts of clean granite chippings.

**Finishing:**

Febflor is self-smoothing and trowel marks will disappear. However, the use of fillers may reduce the self-smoothing action, in which case the surface will require more careful finishing.

After initial hardening, usually within ¾ - 1 hour of mixing, the surface should be sprinkled with water and trowelled tightly to produce a final smooth surface (do not apply too much water and avoid over trowelling).

**Watchpoints:**

- Never reconstitute the mix after initial stiffening has taken place.
- Do not work at temperatures below 4°C.
- Always turn off under-floor heating and allow sub-floor to cool before the application of Febflor and do not switch it on again for at least 24 hours after completion.
- Febflor is not designed as a hard wearing surface and should be covered with a wearing surface e.g. lino no more than 24 hours after application.
- When laying Febflor over a porous surface such as concrete, Febfix bonding compound should be used to ensure an adequate adhesion of the Febflor.
- Precautions must be taken to prevent rapid moisture loss in the first 24 hours after application.

**Equipment Care:**

Clean all equipment in water immediately after use.

**Storage:**

Store as for Portland cement, rotate monthly.  
Shelf life – 12 months.

**Packaging:**

Febflor is supplied in 5kg and 25kg sacks.