

## **CC ONE PART FLOOR LEVELLING COMPOUND (LATEX INCLUDED)**

### **SPECIAL PROPERTIES**

- Easy to prepare and use
- Self-smoothing and trowels to a feather edge
- Resilient
- Adheres to a wide range of substrate
- Sets rapidly with a good open time

### **DESCRIPTION**

CC One Part Floor Levelling Compound is a latex-modified, self-smooth sub-flooring compound, characterised by its excellent adhesion to many substrates, a degree of resilience which will accommodate the minor movement of closely fitted suspended flooring, easy application, exceptional flow and good water resistance.

### **SITE WORK**

#### **PREPARATION**

CC Floor Levelling Compound is suitable for application to concrete, sand/cement screeds, asphalt, quarry tile, wood, stone brick, terrazzo. Substrates should be free from oil, grease, wax and loose and flaking paint. Substrates must be firm, free from dust and any laitance must be removed. Deeply ridged concrete will require filling with CC Floor Levelling Compound mixed with clean sharp sand, as detailed below, prior to the final application.

Normally no priming is necessary and where suction is apparent damping down prior to use will suffice. In cases of extremely dry, but hardened concrete, the floor should be thoroughly cleaned, wetted (preferably overnight) and surplus water removed before application of the self-smoothing screed. Suction is sometimes associated with surface weakness. Never apply any sub-floor compound on to a weak substrate.

After the sub-floor is prepared, patch holes up to 10mm (½") deep with Construction Chemicals SBR filled with sharp sand as detailed under APPLICATION.

#### **MIXING**

Add 25kg CC One Part Floor Levelling Compound to 5 litres water, stirring until a smooth mix is obtained. Add the powder slowly, and with constant stirring, to avoid the formation of lumps

#### **APPLICATION**

After mixing, simply pour and spread on to the sub-floor to a maximum thickness of 5mm. Minimal effort will be needed to obtain a satisfactory smooth surface. If a greater thickness is required, add up to 25kg of clean sharp silica sand conforming to BS1199 for floor screeds to each 25kg of CC One Part Floor Levelling Compound. Add the sand after gauging the powder. When sand is added, the mix will need trowelling to produce a smooth finish. Where suction is apparent, always damp down before laying. Do not work at temperatures below 4°C (39.8°F) and do not mix more material than can be used within 15 minutes. Do not re-temper or add water. It is advantageous to apply a thin scrape coat immediately prior to pouring the body coat on to impervious surfaces.

**WOODEN FLOORS**

CC One Part Floor Levelling Compound should only be applied to wooden floors as a patching mix.

**Solid Floors**

Must not be used on boarded floors when the joints or boards are fixed directly to concrete due to lack of ventilation and risk of fungal decay. It can be applied over mosaic and wood blocks, providing there is an effective DPC in or beneath the sub-floor.

**Suspended Floors**

Suitable for use on stiff floors constructed of chipboard, plywood or tongue and groove boards, providing adequate ventilation is provided under the suspended floor. Not suitable for floors with a flexible surface such as plain edge boards. After patching, the total area must be covered by plywood or hardboard fixed by nail or staples at 100mm centres. The final floor covering is then fixed to this covering.

**COVERAGE**

7 SQUARE MTR PER 25 KG BAG AT 3MM THICKNESS