

# REC CRETE C-100

## One component high performance self leveling floor compound

### PRODUCT

**Rec Crete C-100** is cement based dry ready mixed self levelling mortar for internal use. It is composed of hydraulic binders, mineral charges and special admixtures.

### SCOPE OF USE

- Concrete floor slabs
- Prefabricated concrete slabs
- Monolithic screeds
- Modular concrete elements

### CHARACTERISTICS

Powder Density	1.40
Grain Size	< 0.5mm
Pot life	25 min.
Initial adhesion	1 MPa at 28 days
Compressive strength	20 MPa $\pm$ 2
Bending strength	4 MPa $\pm$ 0.5

### APPLICABLE STANDARDS

It complies with BS 4551, BS 890, BS 4550.

### INSTRUCTIONS FOR USE

#### SUBSTRATE PREPARATION

Substrate must be clean, sound and free from greasy matters and dust. Remove all traces of curing compounds, old paints and sealer, and debris which may affect the adhesion. Before the application the substrate must be sufficiently cured in a way that any shrinkage has already occurred. In hot weather, dampen the slab one day before the application then apply **Rec Crete C-100**.

#### PRODUCT PREPARATION

Pour slowly each 25 kg bag of **Rec Crete C-100** into 6 to 6.5 liters of water while stirring with a low speed drill (<500 rpm). Mix for 2 to 3 minutes, until a homogeneous creamy paste is obtained.

#### PRODUCT APPLICATION

Spread the paste on the floor, with a large flat metallic trowel. Since **Rec Crete C-100** is self levelling, it absorbs all the irregularities of the substrate. Applied layers must be from 3 to 8 mm. Wait 3 days minimum before covering the floor with carpeting, tiles, etc. The tolerance for substrate flatness after application of **Rec Crete C-100** is to have no variance greater than 3mm in 2m distance.

### CONSUMPTION

1.6 kg / m<sup>2</sup>/ mm thickness.

### STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

### SAFETY PRECAUTIONS

The product contains very fine powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable to do the application in a well ventilated area, to wear protective gear for hands, eyes and respiratory system and to avoid dust inhaling. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In both cases seek medical attention. The product is non-flammable.

### DISCLAIMER

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