

REC CRETE C-106

Ready mix fiber reinforced floor screed

PRODUC

Rec Crete C-106 is a ready mixed cementitious screed made with selected aggregates, additives and fiber. Ready to use, **Rec Crete C-106** is to be simply mixed with water on site. It can be used to level the surface prior to the installation of other floor products. Tiles can be laid down on top of **Rec Crete C-106** after screed has fully acquired its compressive strength.

SCOPE OF USE

Particularly recommended for floor screed in hotel, housing, hospitals, industrial floor and car park.

It can be used as a bonded, un-bonded, or floating screed, and over an insulating layer.

CHARACTERISTICS

Appearance	Grey powder
Grain size	< 5 mm
Flexural Strength	9 MPa at 28 days ASTM C 580-02
Compressive strength	25 MPa at 7 days > 35 MPa at 28 days ASTM C 109-02

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

Surface should be sound, free from oil and dust. The substrate must be absorbing and clean of substances, which may weaken the bond. The tensile strength of the substrate should be > 1 MPa. Weakened top layer and any loose material should be removed to produce a good mechanical key. Then, the substrate is vacuumed and primed with **Rec Crete C-117** to improve the adhesion. Strongly absorbent substrate must be treated twice.

PRODUCT PREPARATION

Mix a 50 kg **Rec Crete C-106** bag with 5 to 6 liters clean water using a concrete mixer or a mixing machine. Half quantity of water is required for 25 kg package.

Pour the mixed material on to the substrate and spread it with a steel trowel, for a thickness up to 5 cm.

Control joints in the existing substrate should be respected.

For large area, joints should be created every 25 m².

Avoid fast drying in case of hot temperature or wind by regular curing.

Do not add any foreign matter.

CONSUMPTION

22 kg/m² /cm 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 cement 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

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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