



CMI FLOORSCREED 085



DESCRIPTION

CMI FloorScreed 085 is a specially blended premixed floor screed comprising of Ordinary Portland Cement, graded sand and chemical additives to meet stringent requirements. It is easy to apply and useful for levelling rough and uneven concrete floors. CMI FloorScreed 085 provides good workability by simply adding water to mix on site and is ideal for casting onto new or old concrete floor internally or externally.

USES

CMI FloorScreed 085 is suitable for levelling rough and uneven concrete substrates, or to repair worn-out substrates in residential or commercial industrial floors.

TECHNICAL DATA

Appearance	: Grey Powder
Flexural Strength	: > 2.0 N/mm ² (ASTM C348: 2008)
Compressive Strength	: 20 to 30 N/mm ² (ASTM C109: 2008)
Shrinkage (Countincho Ring)	: No Crack
Water Retentivity	: > 90% (BS 4551: 2005 + A1: 2010)
Bond Strength @ 28 days	: ≥ 0.5 N/mm ²
Wet Density	: 2000 - 2200 kg/m ³
Dry Density	: 1700 - 1900 kg/m ³
Pot Life	: Approx. 40 minutes
Max. Aggregate Size	: 5 mm
Recommended Thickness	: 15 - 50 mm per coat
Mixing Ratio	: Approx. 17% on dry material

SURFACE PREPARATION

All surfaces must be sound, clean and free from dirt, dust, grease and other contaminants which will inhibit proper bonding. Damp the substrate but no ponding water. For application on smooth concrete substrates, a primer coats is recommended for roughening of the receiving surface prior to screeding.

MIXING

Add 40kg bag of CMI FloorScreed 085 to approximately 6.5 – 7.0 litres of clean water (Do not add cement or lime into the mixture). Mix thoroughly for 3-5 minutes using site drum mixer until the homogeneous paste is achieved and lump-free. Re-mix if the mixture is left unattended for more than 30 minutes.

APPLICATION

Spread the mixture onto receiving surface evenly. Compact and finish CMI FloorScreed 085 using a wooden float or steel trowel where appropriate in accordance with standard practice. Notes: In hot ambient temperature and windy environment, the screed should be protected from direct sunlight and be cured with appropriate curing compound to prevent rapid or excessive moisture loss and surface from cracking.

COVERAGE

Approx. 1.8 – 2.0 kg/m²/mm thickness

PACKAGING

Available in 40 kg bag

SHELF LIFE & STORAGE

Six (6) months when stored in cool and dry condition

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**Delivering
Dry-Mix Solutions**

Remark: The information provided on this data sheet is not intended to be complete and is provided as general advise only. It is the user's responsibility to ensure that the product is suitable for its intended purpose. As we have no control over the treatment of the product, the standard of surface preparation, or other factors, we are not responsible for any damages or injury, including but not limited to special or consequential damages which may result from the use of our products, which includes any damages or injury caused by any failure of performance. The information contained in this data sheet may be modified by us from time to time, without any notice arising from our continuous product development activities.