



CMI TILECRETE 182



DESCRIPTION

CMI TileCrete 182 is a water-resistant polymer modified cement-based fine (unsanded) grout for pointing of tile joint for both floors and walls at internal and external area. It is suitable for grouting joints up to 3 mm wide only and is available in various colour. It requires mixing with clean water only. However, it can also be used with CMI Latex Admix 380, a liquid emulsion polymer to enhance its physical properties.

USES

Grouting or pointing joints between ceramic glazed tiles, homogenous vitrified tiles, porcelain tiles, mosaics, quarry tiles, terracotta, marbles, granites, slates, terrazzo, brick veneer, decorative stones etc.

TECHNICAL DATA

Appearance	: Powder form in various colour
Wet Density	: 1600 – 1700 kg/m ³
Dry Density	: 1250 – 1300 kg/m ³
Setting Time	: 24 hours
Pot Life @ 30°C	: Approx. 1 hours
Water Absorption	: 5.00% at ½ hours 5.50% at 4 hours
Shrinkage Value	: 0.06% at 72 hours
Flexural Strength	: 8.50 N/mm ²
Compressive Strength	: 31.00 N/mm ²
Mixing Ratio	: Approx. 42% on dry material

SURFACE PREPARATION

All joints must be sound, clean and free from dirt, dust, grease and other contaminants which will inhibit proper bonding. Damp the substrate for heated or high absorbing substrates prior to application of CMI TileCrete 182. Allow adhesive bed to set for at least 24 hours before grouting with exception when fast setting adhesive was used.

MIXING

Add 25kg bag of CMI TileCrete 182 to approximately 10.0 - 10.5 litres of clean water or CMI Latex Admix 380. Mix thoroughly for 3-5 minutes using mechanical mixer until the homogenous paste is achieved and lump-free. Re-mix if the mixture is left unattended for more than 30 minutes.

APPLICATION

- Apply grout into joint using a rubber squeegee in perpendicular direction ensuring joints are fully compacted with grouting materials.
- Apply to small areas at a time and clean excess or residue grout promptly using damp cloth or sponge before it dries out.
- When grout is sufficiently firm, clean the tile surface with dry cloth to remove grout haze.
- Allow grout to set for at least 24 hours.

NOTE:

- Colour pigments in coloured grout may stain or discolour certain tiles or natural stones. Therefore a trial should be conducted to determine the suitability and compatibility before actual application commences.
- Certain colour may not be stable when exposed to external conditions. Please contact our Technical Department when making colour selection.
- Discolouration or efflorescence may occur under external weather condition in prolong exposure which is a natural phenomenon.

CMI CONSTRUCTION MATERIAL INDUSTRY SDN BHD (422636-D)

No. 7, Jalan Sungai Jerluh 32/196, Bukit Kemuning
Section 32, 40460 Shah Alam, Selangor.

Tel: 603-5131 9325 / 9425 Fax: 603-5131 8325 Email: enquiry@cmimalaysia.com.my

www.cmimalaysia.com.my



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.



CMI TILECRETE 182

COVERAGE

Tile Size (mm)	Joint Width (mm)	Approx. Coverage (kg/m ²)
20 x 20 x 4	2	1.20
50 x 50 x 4	3	0.50
100 x 100 x 6	3	0.60
100 x 100 x 10	3	0.90
150 x 150 x 6	3	0.40
200 x 200 x 8	3	0.38
250 x 250 x 12	4	0.80
300 x 300 x 8	3	0.27
250 x 330 x 8	3	0.30
300 x 600 x 10	3	0.30
450 x 450 x 12	4	0.40
600 x 600 x 12	4	0.30

PACKAGING

Available in 25 kg bag

SHELF LIFE & STORAGE

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

CMI CONSTRUCTION MATERIAL INDUSTRY SDN BHD (422636-D)

No. 7, Jalan Sungai Jerluj 32/196, Bukit Kemuning

Section 32, 40460 Shah Alam, Selangor.

Tel: 603-5131 9325 / 9425 Fax: 603-5131 8325 Email: enquiry@cmimalaysia.com.my

www.cmimalaysia.com.my



**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.