



## CMI MORTAR ADMIX 380



### DESCRIPTION

CMI Mortar Admix 380 is a ready to use, multipurpose latex emulsion polymer specially designed for use with cement sand mortar, CMI's range of cement-based tile adhesive and cement-based coloured grouts to improve the physical and chemical properties of the mortar. It is certified as low VOC paint / surface coating by Singapore Environmental Council.

### USES

- As an additive to improve mechanical and bonding characteristics of cement mixes for screeds, renders, etc.
- As an additive to improve adhesion, compactness and water resistant of coloured grouts.
- As an additive to improve flexibility and bonding strength of cement-based tile adhesive.

### TECHNICAL DATA

Appearance	: Milky White Liquid	Mixing Ratio	: Cement sand mortar (1 part cement to 3-4 parts wash sand) ~ 18% of total dry materials (diluted 1:1 with clean water)
Specific Gravity	: 1.01		Cement -based tile adhesive ~ 28% of total dry materials
Viscosity	: 250 - 350 mPa.s		Cement-based coloured grouts ~ 44% of total dry materials (diluted 1:1 with clean water)
pH	: 9 - 10		
Hazard Classification	: None		

### SURFACE PREPARATION

CMI Mortar Admix 380 can be used for screeds, renders and levelling plasters on any cementitious surface that are solid, strong, sound and clean. Crumbling and loose particles, dust, traces of oil or form release agents, and existing paint must be removed by careful sandblasting, brushing or high-pressure water jetting. Substrates that are very dry should be wetted down to a saturated surface dry condition.

### MIXING & APPLICATION:

#### SCREED & RENDER

Pour CMI Mortar Admix 380 into a clean container, and dilute it with an equal part of water. Add the required amount of diluted latex additive into concrete mixer drum. Slowly add 1 part cement and 3-4 parts sand into the concrete mixer drum and mix with a low speed mixer until a homogeneous mortar is obtained without lump. Apply the mortar with a trowel to the required thickness. After application, especially in very warm or windy weather conditions, the mortars made with Mortar Admix 380 as additive must be protected and cured carefully to avoid fast water evaporation, which could cause surface cracking due to plastic shrinkage. Spray with water mist during the first two days of curing or protect the mortars with polyethylene sheets.

#### 2K CEMENT-BASED TILE ADHESIVE

Pour 7-8 litres of CMI Mortar Admix 380 into a clean container. Slowly add in 25kg cement-based tile adhesive into the container and mix with a low speed mechanical mixer until a homogenous mortar is obtained without lump. Apply the mortar with a suitable notched trowel depending on the tile size. Excess adhesive on tile surface must be clean immediately as hardened material may be difficult to remove.

**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](http://www.cmimalaysia.com.my)



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Dry-Mix Solutions**

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## CMI MORTAR ADMIX 380

### CEMENT-BASED TILE GROUT

Pour CMI Mortar Admix 380 into a clean container, and dilute it with an equal part of water. Slowly add coloured grout into the container and mix with a low speed mechanical mixer until a homogeneous mortar is obtained without lump. Ensure pigments are thoroughly dispersed during mixing. Apply grout into joints using a rubber squeegee, ensuring joints are fully compacted with grouting mortar. Clean excess grouting mortar promptly using a damp cloth or sponge before it harden.

### COVERAGE

Screed & Render : 100 gm/m<sup>2</sup>/mm  
Tile Adhesive : 7.0-8.0 litres / 25kg Tile adhesive  
Tile Grout : 440 gm/kg Tile grout

### PACKAGING

Available in 4 litres & 20 litres pail

### SHELF LIFE & STORAGE

At least 12 months when stored in cool and dry conditions



032-204-2718

"Environmentally Preferred Coating"

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