



# CMI MORTAR BOND 330



## DESCRIPTION

CMI Mortar Bond 330 is a ready to use, multipurpose latex emulsion polymer specially designed for use in a variety of building applications whether internally or externally. It is suitable for use at dry or wet areas to improve the physical and chemical properties of the mortar.

## USES

- As slurry bond coat or splash coat
- As a primer for building boards and tiles
- Cement mortars for patching or reconstructing damaged parts and finishing surfaces on buildings and precast concrete elements.
- Protection of steel / metal sheet from rusting

## TECHNICAL DATA

Appearance	: Milky White Liquid	pH	: 9 - 10
Specific Gravity	: 1.01	Hazard Classification	: None
Viscosity	: 150 - 200 mPa.s	Mixing Ratio	: Refer to Table of Mixing Proportion and Consumption

Table of Mixing Proportion & Consumption

Application	CMI Mortar Bond 330	Portland Cement	Sand	CMI TileFix 181 / MultiFix 188	Mortar Bond 330 Consumption
Slurry Coat	1	1.5	-	-	400 g/m <sup>2</sup>
Splash Coat	1	1.5	1.5	-	400 g/m <sup>2</sup>
Screed / Render	1	4	12	-	100 - 150 g/m <sup>2</sup> per 1 mm thickness
Tile Adhesive	1	-	-	3.5	1900 g/m <sup>2</sup> per 5 mm thickness
Neat Primer	1	-	-	-	85 g/m <sup>2</sup> per coat

## APPLICATION

### PRIMER FOR BUILDING BOARDS AND EXISTING TILES

Fixing of ceramic tiles onto building boards such as plywood, fiber cement board, gypsum plaster board, vinyl tiles or existing ceramic tiles can be done by priming with a layer of neat CMI Mortar Bond 330. Allow primer to touch dry (within 10-15 minutes) before fixing ceramic tiles using CMI's range of adhesive. This will seal surface dust, protect boards from moisture and enhance adhesion to the substrate. Please consult CMI's Technical Representative for more information.

### 2K CEMENT-BASED TILE ADHESIVE

Fixing of ceramic tiles onto flexible substrate such as plywood, fibre cement board, gypsum plaster board required the use of flexible tile adhesive to enhance the flexibility and adhesion onto the substrate. Therefore it is recommended to mix cement-based tile adhesive with CMI Mortar Bond 330 for this application.

Pour 7-8 litres of CMI Mortar Bond 330 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)



**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 MORTAR BOND 330

### PATCH REPAIR OF CRACKED CONCRETE

Saw cut along cracks to create a 'V' shape groove with at least 1" depth. Clean joints of any contaminations. Apply a layer of Mortar Bond 330 followed by immediate patching with a 1:3-4 parts cement sand mortar mixed with Mortar Bond 330. Alternatively, used as splash coat for primer application prior to application with cement sand mortar.

### PROTECTION OF STEEL / METAL SHEET

Mix 1 part CMI Mortar Bond 330 with 1.5 part Portland Cement by weight until slurry. Apply onto steel bar or metal plate using brush to prevent rusting.

### DIRECT TILING ONTO STEEL / METAL PLATE

Mix 1 part CMI Mortar Bond 330 to 1.5 parts Portland Cement by weight or alternatively 1 part CMI Mortar Bond 330 to 1 part CMI Cement-Based Tile Adhesive by volume to a slurry consistency. Brush onto steel/metal surface. Allow to set for 24 hours before tiling using CMI TileFix 181 mixed with CMI Mortar Bond 330.

### COVERAGE

Refer to Table of Mixing Proportion and Consumption

### PACKAGING

Available in 4 litres & 20 litres pail

### SHELF LIFE & STORAGE

At least 12 months when stored in cool and dry conditions

#### 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)



**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.