



# CMI BASE MORTAR



## DESCRIPTION

CMI Base Mortar is a high quality polymer modified water-resistant cement-based thin plaster for internal concrete walls or ceilings. It is also good for surface improvement works to block wall and concrete wall surfaces. It is certified Green Label by Singapore Environmental Council.

## USES

Undercoat on concrete surfaces and blockwalls, surface improvement on rendered surfaces. *Do not use on painted surfaces.*

## TECHNICAL DATA

Appearance	: White or Grey Powder
Bond Strength @ 28 days	: $\geq 0.5 \text{ N/mm}^2$
Wet Density	: $1800 - 1900 \text{ kg/m}^3$
Dry Density	: $1600 - 1700 \text{ kg/m}^3$
Pot Life @ 30°C	: Approx. 2 hours
Recommended Thickness	: 2-3 mm per coat
Mixing Ratio	: Approx. 30% 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. Use CMI Render for patching of surface defects exceeding 5mm. Damp the substrate for dry or high absorbing substrates prior to application of CMI Base Mortar.

## MIXING

Add 25kg bag of CMI Base Mortar to approximately 7.5 – 8.0 litres of clean water or 12.0-12.5 litres of clean water for 40kg bag, CMI Base Mortar (Do not add cement or lime into the mixture). Mix thoroughly for 3-5 minutes using mechanical mixer until the homogenous paste is achieved and lump-free. Allow mixture to stand for 5 minutes and re-stir before use. Re-mix if the mixture is left unattended for more than 30 minutes.

## APPLICATION

Apply the mixture onto receiving surface using steel trowel. If more than one coat is required due to surface flatness, allow the underlying coat to achieved partial cure or touch dry before applying the subsequent coat.

## COVERAGE

Approx.  $1.3 \text{ kg/m}^2/\text{mm}$  thick

## PACKAGING

Available in 25 kg and 40 kg bags in both grey (781) and white (381) colour

## SHELF LIFE & STORAGE

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



022-119-2645

"Eco-Friendly Building Material"

## CMI CONSTRUCTION MATERIAL INDUSTRY SDN BHD (422636-D)

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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.*