



CMI BASE MORTAR SP



DESCRIPTION

CMI Base Mortar SP is a premium quality polymer modified water-resistant cement-based thin base coat specially formulated for concrete walls or ceilings at internal and external application. It is also good for surface improvement works to block wall and concrete wall surfaces. CMI Base Mortar SP is certified Green Label by Singapore Environmental Council.

CMI Base Mortar SP have a characteristic of better adhesion, flexural strength and abrasion resistance with improved water and weather resistance for exterior finishing application.

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 SP.

MIXING

Add 25kg bag of CMI Base Mortar SP 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 SP (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. $1.3 \text{ kg/m}^2/\text{mm}$ thickness

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"

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Delivering Dry-Mix Solutions

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