



## CMI RENDER SP (082)



### DESCRIPTION

CMI Render SP (082) is an environmental friendly, premium quality polymer modified cement/sand render for application on blockwalls, brickwalls and concrete substrates at internal and external application. It is specifically recommended for use as a fine textured sponge finishing for external walls and ceiling to provide an aesthetically pleasant and level wall surface. It is certified Green Label by Singapore Environmental Council.

CMI Render SP (082) have a characteristic of better adhesion, flexural strength and abrasion resistance with improved water and weather resistance for exterior application. The use of CMI Render SP (082) will eliminates the need for key coats or primer normally required for external wall application or onto smooth concrete surfaces.

### USES

Thin render for application onto blockwalls, brickwall and concrete substrates. Can also be used for levelling and patching works for internal and external application. Do not use on painted surfaces.

### TECHNICAL DATA

Appearance	: Grey Powder
Bond Strength @ 28 days	: $\geq 0.5$ N/mm <sup>2</sup>
Wet Density	: 1800 - 1900 kg/m <sup>3</sup>
Dry Density	: 1650 - 1750 kg/m <sup>3</sup>
Pot Life @ 30°C	: Approx. 1 hour
Max. Aggregate Size	: 1.5 mm
Recommended Thickness	: 5-10 mm per coat
Mixing Ratio	: Approx. 17% water 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. Damp the substrate for dry or high absorbing substrates prior to application of CMI Render SP (082). For application on smooth concrete substrates, a primer coat is recommended for roughening of the receiving surface prior to plastering.

### MIXING

Add 40kg bag of CMI Render SP (082) to 6.5 – 7.0 liters of clean water (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. 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 achieve partial cure or touch dry before applying the subsequent coat.

For external walls, it can be sponged in circular motion to achieve fine textured finishing after the final coat partially set.

It is recommended to cure with water spray for the first 2 days after application in hot and dry conditions to allow for proper curing.

**Note:** It is recommended to apply a key coat consisting of CMI MultiFix 188 mix with CMI Mortar Bond 330 for thick bed application (>10mm thickness).

### COVERAGE

CMI Render SP (082) : Approx. 1.6 kg/m<sup>2</sup>/mm

### PACKAGING

CMI Render SP (082) : 40 kg bag

### SHELF LIFE & STORAGE

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



022-119-2644

"Eco-Friendly Building Material"

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