

Cem Plaster

Skim Coat, White Cement Data Sheet

Skim Coat for Wall, Column & Beam Plastering Smoothing Layer.

New Formulation with Polymer Latex Powder

Cem Plaster WB # for White Base Coat
Cem Plaster WF # for White Finish Coat

Description	<p>Cem Plaster, is a partially non-shrink & non sagging, premixed Polymer Latex Powder & plus White Cement for Brick Wall, RC Column & RC Beam plastering works, it's provides extended working life & high early strengths.</p> <p>Due to its new formulation, Cem Plaster product is based on selected high grade of Original Portland White Cement Type & Rheological Additives. For better workability of smoother & stabilized air voids.</p>
General	<p>The internal & external wall to receive Cem Plaster WB or WF must be constructed from high quality dense common clay brick (min. compressive strength 21 N/mm²), dense aggregate concrete block (min. compressive strength 7 N/mm²) or correctly prepared insitu concrete. Sandlime, flintlime, or calcium silicate bricks, lightweight aggregate blockwork, concrete brickwork, or hollow clay pots should be avoided wherever possible. If these or other forms of construction have been used, take advice from our specified worldwide applicator or the call us directly.</p>
Method of Application	<p><u>Surface Preparation</u></p> <p>The prepared substrate should be thoroughly soaked with clean water until uniformly saturated but with no surface water. This condition is referred to as saturated surface dry and care should be taken to remove any cement slurry or dust produced during surface preparation. The use of a "fan" shaped water jet is ideal. Steel reinforcements should have all traces of rust removed and be primed.</p>
Application	<p>The minimum thickness of Cem Plaster WB, Base Layers is 2-5mm. Greater thickness may be applied dependent on site requirements.</p> <p>The minimum thickness of Cem Plaster WF, Finishing Layers is 2-3mm. It is not usual to require a thickness greater than this if the Base Coats is applied as specified below.</p>
Base Screed	<p>Cem Plaster WB Base Layers is applied to the correctly prepared surface from a hawk or bucket using a trowel. The minimum thickness of 2-5mm is normally attained in 2/3 trowel applications. This minimum thickness can be achieved either by working from fixed timber grounds, by forming grounds using Cem Plaster WF B Base Screed or by the plumb and dot system.</p>
Finishing Coat	<p>The Cem Plaster WF Finishing Layers must be applied onto set dry Cem Plaster WB Base Layers. The use of "plaster planes" to remove surface irregularities in the Base Screed is not normally recommended as this may produce a friable surface which results in adhesion failure of the Cem Plaster WF Finishing Coat.</p>

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Coverage of Walls	Cem Plaster WF (Finish)	Cem Plaster WB (Base)
Cement Brick Wall	2.0mm thick @ 6.50/m ² /bag	4.0mm thick @ 3.30/m ² /bag
Smooth Hollow Block Wall	1.5mm thick @ 8.75/m ² /bag	3.0mm thick @ 4.38/m ² /bag
Concrete Column & Beam	2.0mm thick @ 6.50/m ² /bag	2.0mm thick @ 6.50/m ² /bag

Technical Data

			Cem Plaster WB	Cem Plaster WF
Ball Pressure Hardness (Brinell)	at 25°C	after 1 days: after 3 days after 7 days	12 N/mm² 23 N/mm² 36 N/mm²	
Density Fresh Mortar		approximately	1.90kg/litre	
Initial Set (Vicat)	DIN 52450 at 25°C	approximately	½ hour	
Final Set (Vicat)	DIN 52450 at 25°C	approximately	>3 hour	
Compressive Strength	DIN 52450 at 25°C	after 28 days:	11 N/mm²	
Tensile Strength	DIN 52450 at 25°C	after 28 days:	2.92 N/mm²	
Flexural Strength	DIN 52450 at 25°C	after 28 days:	7.8 N/mm²	

Cleaning of Equipment All tools and mixing containers should be washed and cleaned in water immediately after use before the material sets.

Packaging
Cem Plaster WB 25 kg bag
Cem Plaster WF 25 kg bag

Storage Shelf Life **Cem Plaster WB or WF**, 12 months if stored in dry conditions.

Handling Precautions

Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product safety data sheets and the brochure "Hygienic Precautions for Handling Plastic Products"

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Health & Safety Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheets, available from **LAMACO Malaysia** on request and sent with each delivery.



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