

# Cem Plaster Flexible

## Flexible Grade Skim Coat Data Sheet

**Flexible Skim Coat for Wall, Column & Beam Plastering Smoothing Layer. Suitable for Internal & External Application**

### **New Formulation with Modified Polymer Latex Powder**

**Cem Plaster Flexible B** # **for White Base Coat**  
**Cem Plaster Flexible F** # **for White Finish Coat**

#### **Description**

**Cem Plaster Flexible**, is a partially very flexibility, 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.

Due to its new formulation, **Cem Plaster Flexible** product is based on selected high grade of Original Portland White Cement Type & Rheological Additives. For better workability of smoother & stabilized air voids.

#### **Method of Application**

##### **Surface Preparation**

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.

#### **Application**

The minimum thickness of **Cem Plaster Flexible B**, Base Layers is 2-5mm. Greater thickness may be applied dependent on site requirements.

The minimum thickness of **Cem Plaster Flexible F**, 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.

#### **Base Screed**

**Cem Plaster Flexible B** 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 Flexible B** Base Screed or by the plumb and dot system.

#### **Finishing Coat**

The **Cem Plaster Flexible F** Finishing Layers must be applied onto set dry **Cem Plaster Flexible B** 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 Flexible F** Finishing Coat.

#### **Coverage of Walls**

##### **Cem Plaster Flexible F Finish Type**

##### **Cem Plaster Flexible B Base Type**

Cement Brick Wall  
 Smooth Hollow Block Wall  
 Concrete Column & Beam

2.0mm thick @ 6.50/m<sup>2</sup>/bag  
 1.5mm thick @ 8.75/m<sup>2</sup>/bag  
 2.0mm thick @ 6.50/m<sup>2</sup>/bag

4.0mm thick @ 3.30/m<sup>2</sup>/bag  
 3.0mm thick @ 4.38/m<sup>2</sup>/bag  
 2.0mm thick @ 6.50/m<sup>2</sup>/bag

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### Technical Data

<b>Ball Pressure Hardness (Brinell)</b>	at 25°C	after 1 days:	<b>18 N/mm<sup>2</sup></b>
		after 3 days	<b>29 N/mm<sup>2</sup></b>
		after 7 days	<b>45 N/mm<sup>2</sup></b>
Density Fresh Mortar		approximately	<b>1.90kg/litre</b>
Initial Set (Vicat)	DIN 52450 at 25°C	approximately	<b>½ hour</b>
Final Set (Vicat)	DIN 52450 at 25°C	approximately	<b>&gt;3 hour</b>
Compressive Strength	DIN 52450 at 25°C	after 28 days:	<b>25 N/mm<sup>2</sup></b>
Tensile Strength	DIN 52450 at 25°C	after 28 days:	<b>4.85 N/mm<sup>2</sup></b>
Flexural Strength	DIN 52450 at 25°C	after 28 days:	<b>14.1 N/mm<sup>2</sup></b>

**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 Flexible B** 25 kg bag  
**Cem Plaster Flexible F** 25 kg bag

**Storage Shelf Life** **Cem Plaster Flexible B or F**, 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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