

### Ready Mix Polymer Plaster

RI-Bond Ready Mix Polymer plaster is a '**Self-curing**' ready to use grey cement-based polymer modified, non-shrinkable and excellent water-resistant plaster material with smooth finish on internal (plastering) & external (rendering) surface with stronger bond to substrate. RI-Bond Polymer Plaster gives strong adhesion on wall / ceiling with excellent water resistant, crack free workability that will protect wall. With thin coat of mortars to form a smooth hard and durable surface, capable of protecting external surfaces against penetration of rain water and other atmospheric vagaries. Provide flat surface for putty and painting. This product can be used as **spray plaster** through spray plastering machine.

### Scope of Use:

RI-Bond Ready Mix Polymer Plaster is specially designed for internal and external wall plaster application. It is a pre mixed material, where only clean water is to be added on site.

### Substrate

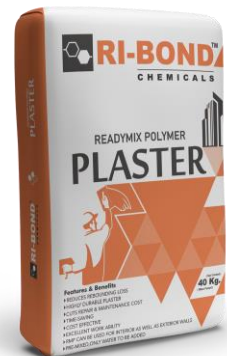
- Brick wall surface
- AAC block surface
- Stone wall
- Concrete surface

### Substrate Preparation

- Clean the surface to remove the dust and loose particles AAC block surface
- Cure the surface if needed

### Mixing & Application

- Take approx. 150 ml to 250 ml of water for 1 kg materials to get the right consistency, mix it for 3-4 minutes to get lump free mixtures.
- Allow the mixture to stand for 2 minutes so that polymers get dissolved
- Apply the mixed material.



## Mixing & Application

- Easy to mix and apply, just add water
- High bonding strength
- Reduce rebounding loss
- Crack resistant
- No curing / minimal curing is required
- Can be applied through spray machines
- Ideal for internal and external application
- Excellent strength and adhesion between various surfaces
- Time saving
- Cost effective and excellent workability
- Suitable for concrete blocks, AAC blocks, Hollow blocks, Cement mortar blocks / bricks

## Technical Analysis (Confirmation to IS – 4031, EN-1015 & internal test methods)

Parameters	Specifications
Consistency	15-25%
Pot Life	>30 minutes
Setting Time	30-600 minutes
Density	1.8 TO 2.1 g/ml

## Mechanical Properties

<b>Pull of Strength (After 14 days)</b>	
Dry Adhesion	>0.30 MPa
<b>Compression &amp; Flexural Strength after 28 days</b>	
Compressive Strength	CS IV → 6 MPa
Flexural Strength	>1.5MPa
<b>Water Properties</b>	
Water Absorption (After 28 Days)	< max 0.20 kg/m <sup>2</sup> Min 0.5
Water Retentivity	>95%

## Coverage

Substrate	Thickness	Coverage
Light Weight Block	10-12 mm	17-18 Sq Ft
Light Weight Block	18 mm	10-12 Sq Ft
Brick Wall	10-12 mm	14-15 Sq Ft
Brick Wall	25 mm	7-7.50 Sq Ft
RCC Surface	10 mm	20-22 Sq Ft

## OTHER INFORMATION

For more information or support or guidance, please consult our technical expert at:

### RI-Bond Chem LLP

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Apart from the information given here it is also important to observe the relevant guidelines, regulations and common standards of various organizations and trade associations. The afore mentioned characteristics are based on practical experience and applied testing. Confirmed properties and possible uses which go beyond those listed in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23° C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions, hardening can be accelerated or delayed and that the product itself is subject to local conditions. The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part or unless there is a case of personal injury or death or a case of liability under the Product Liability Act.

This technical data sheet supersedes all previous editions relevant to this product. Please be aware that this Technical Data Sheet only relates to a product manufactured in the specific relevant production site.