

## Description

Wonderplast Readymix plaster is a cementitious ready mix plaster used for traditional plastering work in a clean & speedy manner. Due to its high content in additive it allows better shrinkage control as well as improved workability. Wonderplast Readymix plaster is recommended for external & internal plastering on AAC blocks, Flyash Bricks, Ceiling, RCC Surface.

Wonderplast Readymix plaster is silt free and organic content free, graded sand provides best quality durable masonry surfaces with negligible cracks. We provide consistent, impurity-free material batch after batch to assure you a hassle-free solution.

## Application

- Internal plastering of walls
- Plastering of ceilings
- External plastering of walls.
- AAC, Flyash, Concrete bricks, Red brick.
- Plastering on concrete surfaces

## Key Features

- Excellent workability & superior finish
- Selective processed graded sand, silt and organic content free for highly durable plaster.
- Special polymer additives for non sagging & performance enhancer
- Less rebound loss
- Saves time
- Less wastage
- Ready to mix- only water to be added at site as per defined water mixing ratio for best performance.

## Application Methodology

## Surface preparation

- The substrate should be clean, free from standing water & all contaminants such as oil, grease, laitance, paint, or corrosion products.
- The surface should be washed with clean water to remove all dust.
- It should be wetted prior to application.

Note :- Before applying plaster thin coat cement slurry can also be applied on RCC surface for mechanical bonding

## Mixing

- In a clean tray or bucket pour 40kg bag of Wonderplast Readymix plaster with 6.5 to 7.5 lit of clean water until a homogeneous paste is obtained. Let the mix rest for a few minutes.
- Mixing can be done by using manually or mechanical stirrer.
- Let the mix material wait for 5 min for additives dispersion & remix before use.

## Application

- Apply the mixed Wonderplast Readymix plaster by hand using a steel trowel at a thickness between 5 and 10mm in one layer.
- Finish the surface with wooden or steel float as required. Let the Wonderplast Readymix plaster set properly on the surface before any curing.
- If more thickness is required the application should be done in two layers. The 1<sup>st</sup> layer should be roughened then cured. The 2<sup>nd</sup> layer should be applied at least 48 hrs after the 1<sup>st</sup> one.
- If 2nd coat is required, ensure grooving combing on first coat to provide good grip for 2nd coat. Also curing of first coat is recommended for 2-3 days before application of second coat.

## Curing

Please ensure that plaster is kept moist for a period of 4 days. This can be achieved by light sprinkling of water 2 to 3 times a day

### Packaging & Consumption:

Wonderplast Readymix plaster is available in 40kg HDPE bag.

### Technical Parameter

Appearance	Free flow granular
Color	Grey
Grain Size	0 to 2.5 mm
Water demand	6.5 – 7.5 lit / 40 kg bag
Powder density	1.75 – 1.9 g/cc
Wet density	2 – 2.2 g/cc
Pot life	30 - 50 min
Drying Shrinkage	0.001%
Compressive strength	>12 - 15 Mpa
Flexural Strength	>4 Mpa
Pull off strength @28 days	.0.4 Mpa
Initial setting time	>30 min
Final setting time	7 Hrs

### Coverage

18 – 25 sqft / 40 kg bag for thickness of 8 – 12 mm

### Shelf Life

Product has shelf life of 6 months from date of manufacturing. It should be stored in cool and dry place in unopened original packing.

**Health & Safety :** Wonderplast Readymix plaster is non – hazardous. It should not be swallowed or allowed to come in contact with skin or eyes. Suitable protective goggles & gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water & seek medical advice. If swallowed, seek medical attention immediately, do not induce vomiting.

