

TECHNICAL DATA FOR BS MEGAPLAST

Ready Mix Rendering Plaster Mortar

Description of BS MegaPlast

MegaPlast - A Ready Mix Plaster replaces the traditional plastering system and only needs water for premixed plaster mortar. It is a polymer-modified cement-based premixed plaster. It is simple to use, Easy to apply and a long lasting plastering system. It bonds well to the modern construction substrates.

Advantages of BS MegaPlast

1. Crack Free Walls
2. Faster application
3. Premixed , Ready to use
4. Increased Coverage
5. Improved Bond Strength
6. Simple to use,
7. Labour Saving

Areas of Application BS MegaPlast

Interior and Exterior Walls

Suitable Substrates For BS MegaPlast

1. Cellular Concrete Blocks
2. AAC Block/Concrete Block
3. Fly Ash Bricks
4. Cement Mortar Blocks/Bricks
5. Concrete Hollow Blocks
6. Stone Walls
7. Red Clay Bricks

Required Tools for application

- Wire Brush
- Slow Speed Mixer & Container for Mixing
- Karni / Wooden Float

Application Guidance for BS MegaPlast

Surface Preparation:

Before starting application the surface must be free of loose particles or any other foreign material and must be pre wetted or pre-cured with clean water.

Mixing

First put water at 20% by weight of BS Megaplast and then add BS MegaPlast, stirring continually by hand or with an electrical mixer to make a lump-free, homogeneous paste. Let the mixed paste stand for 3 minutes and then again mix for 1 minute just before application. Use mixed mortar within 60 to 90 minutes.

Application

For best bonding, apply the plaster to the surface with a steel trowel or wooden float. Each coat shouldn't be more than 12 mm thick.

Technical Properties of BS MegaPlast

Criteria	Result
Compressive Strength	>9 MPa
Pull Off Adhesion	>0.3 MPa
Flexural Strength	>1.8 mPa
Max Aggregate Size	3.00mm
Pot Life (At 30 C)	60 minutes
Setting Time Initial & Final	30 & 600 minutes
Water Retention	Min 95%
Dry Density	1600 kg/m ³
Pack Size	20 Kg or 40Kg
Coverage for 10–12mm Thickness Plaster	18-20 Sq.Ft in 40kg Bag
Standard Code	IS 1542, Sand for Plaster
Appearance	Grey Free Flowing Powder

Storage and Shelf Life

Store Buildsmart Products under covered space protecting product from direct sunlight & Moisture and on pallets. The best before shelf life is one year from the date of manufacture in unopened packaging. Drymix mortars are best used within 9 months from the date of Mfg.

Precaution

Standard Eye and Hand Protection for Applicators is applicable.