

Description of BS MegaPlast-Ex

MegaPlast-Ex, a Ready Mix Plaster for interiors, 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-Ex

1. Crack Resistant Plaster
2. Added Moisture resistance
3. Faster application, sprayable
4. Premixed , Ready to use
5. Thinner profile possible 8 to 10mm
6. Increased Coverage & Improved Bond Strength
7. Simple to use, Labour Saving

Areas of Application BS MegaPlast-Ex

- External brick masonry walls
- Concrete block / fly-ash brick external walls
- RCC exterior surfaces (columns, beams, shear walls)
- Building façades
- Boundary walls
- Parapet walls
- Staircase external walls
- Service shafts (external side)

Suitable Substrates For BS MegaPlast-Ex

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
- Plastering Machine if available

Application Guidance for BS MegaPlast-Ex

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-Ex

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 40 Kg
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

Packaging

BS MegaPlast-Ex is available in convenient **20 kg** and **40 kg** pack sizes, supplied in either pails or drums to suit different application and storage needs.

Safety and Handling

Wear **protective gloves, safety goggles**, and use **barrier cream** to prevent skin contact. Ensure **adequate ventilation** during application.

For detailed safety guidance, please refer to the **Material Safety Data Sheet (MSDS)**.

Storage and Shelf Life

Store in a **cool, well-ventilated area**, away from direct sunlight. Keep containers sealed until use.

Shelf life: 12 months from the date of manufacture when stored as recommended.

Disclaimer

The information in this sheet is provided for general guidance and is based on current knowledge and experience. Due to the variety of possible application methods and site conditions, no responsibility is assumed for results obtained under specific circumstances.