



REDIPLAST JSW

Ready mix plaster - Curable

Description

REDIPLAST JSW is a premixed cement-based solution to substitute for the traditional site mix wall plaster process. The solution consists of processed sand which is graded and distributed as per particle size and proportionately mixed, cement, and water soluble polymers which act as additives. The application method requires mixing of water before application and the mix is ready for plastering. It can be used for both external and internal plastering.

Advantages

- High compressive and tensile strength increases masonry strength and load-bearing capacity
- The material is pre-mixed and only water has to be added on site. This makes the process of plastering much easier and quicker
- Shrinkage cracks are minimized as premix plaster raw materials are tested and accurately mixed with specific particle size and quantity
- It provides smooth finish walls even in a single coat. Hence saves time and cost required for putty coating
- No site mix and blending of powder is required. Only water is to be added
- Due to the manufacturing process and accurate particle size distribution, the premix bags are of consistent quality
- No hassle of maintaining mortar ratio, whereas in the conventional method labour and supervision are required to prepare the mix
- Surface finish after application is excellent and equal due to best particle size grading, hence maximizing wall plaster performance
- Unlike the uncertain availability of raw river sand, premix bags are available round the year

Uses

- AAC Block Walls, Fly Ash Block Walls
- Clay Brick Walls, Stone Walls
- Concrete Block Walls
- Concrete Surfaces

Technical Information

PROPERTIES	RESULTS
Appearance	Gray powder
Mixing Ratio	17-19 % of powder
Test Dry Adhesion	10mm thick on concrete @7 days
Initial Setting Time	Min. 45 Minutes
Final Setting Time	Max. 600 minutes
Water Retentivity	99.80%
Water Absorption	0.03%
Compressive Strength	Min. 8.0 N/mm ²
Flexural Strength	1.90 N/mm ²
Pull of Adhesion	0.3 N/mm ²

Method of Application

- Mix water accordingly in REDIPLAST JSW as per requirement to get better consistency. Generally 6.8 to 7.6 liter of water in 40 kg powder is recommended.
- Internal:
8-10 mm single coat is recommended for internal plaster covering.
- External:
Two coats are recommended to cover the external side of walls i.e. Base coat of 8-12 mm and Finish coat of 8-12 mm to get a total thickness of around 18-20 mm, further depending upon site conditions. After Base coat, minimum 2 to 3 days curing must be done before application of finish coat.

Coverage

- 10 to 15 ft² per 40 kg @ 10 to 12mm

Supply

- It is supplied in 40 Kg bags.

Shelf Life

- 2 year from the date of manufacturing if stored in cool dry place under shaded area and if unopened sealed pack condition surface after completion of the preparation work.

REDWOP CHEMICALS PVT. LTD.

Head office: 2nd Floor, Pearl plaza Complex, B/S GT Sheth School, Near KKV Hall, 150ft Ring Road, Rajkot- Pin.360005 Gujarat, India.