

REDIPLAST

Ready mix plaster
Non Curable



Description:

REDIPLAST 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.

Uses:

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

Advantages/Characteristics:

- 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

Company Standard Compliance:



Technical Information:

Properties	Specification
Appearance	Grey 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%
Flexural Strength	1.90 N/mm ²
Pull of Adhesion	0.5 N/mm ²

Compressive Strength	Min.15.0 N/mm ²
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Application Procedure:

Mix water accordingly in REDIPLAST 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

Packaging:

REDIPLAST is supplied in 40 Kg bags.

Storage & 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.


Health & Safety:


REDIPLAST is alkaline and should not come into contact with skin and eyes. Inhalation of dust during mixing should be avoided.


Gloves, goggles and dust mask should be worn.


If contact with skin occurs, it shall be washed with water. Splashes to eyes should be washed immediately with plenty of clean water and medical advice sought.


	It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.
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	ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.
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	ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency.
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	ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance
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	This symbol is used to identify Redwop products which give off a low level of volatile organic compounds(VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.
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	Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.
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	ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.
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