

TECHNICAL DATA SHEET (TDS)

Stockyard Infra Private Limited

Stockyard RMP – Ready Mix Plaster

High-Performance Ready-Mix Mortar

Product Description

Stockyard RMP is a high-performance ready-mix mortar composed of high-quality standard river sand, premium-grade cement, and water-soluble additives. It is suitable for both internal and external plastering applications and provides consistent strength, durability, and superior finish quality.

Uses

- Plastering of internal and external walls
 - Repair of vertical and overhead structures
 - Structural repair of damaged concrete beams and columns
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Advantages

- Best particle size distribution
 - Zero variation and minimum rebound loss
 - Quick application with excellent workability
 - Hassle-free mortar ratio
 - Strong and highly impermeable plastered surface
 - Improved durability and cost-effectiveness
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Reference Standards

Stockyard RMP meets or exceeds the requirements as per:

- IS 4031 (P5)
- IS 2386 (P3)
- ASTM C109
- ASTM C348

Technical Data

Property	Product Specification
Appearance	Free-flow cementitious grey powder
Aggregate Size	Well-graded washed river sand
Additives	Quality water-soluble additives for better binding and strength
Water : Cement Ratio	12.5% – 17.5% by weight
Bulk Density	1.4 – 1.6 kg/l
Mix Density	1.18 – 2.02 kg/l
Pot Life	60 – 75 minutes
Coverage	16–18 sq. ft. at 12 mm thickness depending on surface
Compressive Strength	≥ 10 N/mm ² after 28 days

Application Guidelines

Surface Preparation

Before application, remove all loosely adhering materials, dust, dirt, grease, oil, and old residues from the surface using sandpaper, wire brush, or water jetting.

Ensure the surface is clean and free from loose materials.

Moistening

Lightly moisten the masonry units using clean water.

Surface Treatment

Treat the surface with RCC chat plaster or any equivalent bonding product to ensure proper surface grip and bonding.

Mixing Procedure

Mix Stockyard RMP powder with 12.5%–17.5% clean water using a mechanical drill paddle.

Continue mixing for 3–5 minutes until a uniform mortar is formed.

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Registered Address: A-1044, Lodha Signet, Dombivli East, Thane, Maharashtra – 421204
Contact Email: sanjaykumar.shah@stockyard.co.in • Contact Number: +91 9022528970

Ensure the mix is free from dry powder and lumps for better application and improved coverage.

Allow 5 minutes for proper mortar activation before application.

Application Method

Once the mix is ready, plastering can be carried out manually by mason application or by spray machines.

Allow 24 hours before starting curing.

Recommended curing is 1–3 times water curing per day depending on weather conditions for 5–7 days.

Packaging

Supplied in 40 kg PP laminated bags.

Storage and Shelf Life

- Store away from direct sunlight
- Keep in a cool and dry place
- Shelf life: 6 months from manufacturing date in original sealed packaging

Safety Precautions

- Avoid dust inhalation during mixing and handling
- In case of contact with eyes or skin, wash thoroughly with plenty of water
- Keep away from children
- Use protective masks, gloves, and safety glasses during application
- Individuals allergic to cement products should take additional precautions

Limitation of Liability

This information is based on our current level of knowledge and is provided in good faith. It is not intended to guarantee specific product properties. Users must ensure that no additional information, precautions, or independent verification is required for their specific application.

Company Details

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