

TECHNICAL DATA SHEET

Product Name: MARMOPLAST

Registered Office:

MARMO SOLUTIONS PVT. LTD.

(AN ISO 9001:2015 CERTIFIED COMPANY)

MUMBAI: 47A, Ground And First Floor, Parmar
Compound, Highway Road, Vile Parle East,
Mumbai – 400099

DELHI : WHS, 1/18, 2nd Floor Kirti Nagar, Near
Richi Rich, New Delhi - 110015

Customer No: +91 11 40586081

Web.: www.marmosolutions.com

For any query/feedback

E-Mail: info@marmosolutions.com

CIN : U74140DL2013PTC252178

E-Mail ID: info@marmosolutions.com

Office hours: Monday to Saturday (10AM-6PM)



1. Product Description:

MARMOPLAST is a high-performance, ready-mix cementitious plaster designed to provide smooth, durable, and crack-resistant finishes for interior and exterior walls. Manufactured using premium-grade cement, carefully graded aggregates, and performance-enhancing additives, it delivers excellent workability, strong adhesion, and consistent quality for modern construction applications.

Marketed By/ Exporter:

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Vile Parle East, Mumbai- 400099
DELHI: WHS, 1/18, 2nd Floor Kirti Nagar, Near
Richi Rich, New Delhi- 110 015
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Manufactured by:

ANAV INDUSTRIES
Address: Khewat No. 1358/1151,
Khatoni No. 1461, Main NH-9, Near Toll Plaza, Village
Rohad, Dis. Jhajjar, Haryana-124501

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2. Product Features:

- Ready-to-use cementitious plaster.
- Suitable for both interior and exterior applications.
- Excellent adhesion to masonry and concrete substrates.
- Smooth and uniform surface finish.
- High compressive strength.
- Crack-resistant formulation.
- Low shrinkage characteristics.
- Excellent workability and easy application.
- Reduces labour time and material wastage.
- Factory-controlled quality for consistent performance.
- Suitable for manual and machine application.
- Durable and weather-resistant finish.

3. Application:

- Wall levelling
- Surface preparation before painting
- Surface preparation before tile installation
- Repair and patching works
- Smooth wall finishing
- Internal plastering
- External plastering

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4. Product Specifications:

- **Appearance:** Grey Powder
- **Chemical Base:** Cementitious
- **Colour:** Grey
- **Packaging:** 20KG , 50KG
- **Aggregate Size:** ≤ 1.5 mm
- **Water Absorption:** 18-22% by weight
- **Pot life:** 90-120 minutes
- **Initial setting time:** 2-3 hours
- **Final setting time:** 5-6 hours
- **Compressive Strength (28 days):** ≥ 12 N/mm²
- **Flexural Strength (28 Days):** ≥ 3 N/mm²
- **Bond Strength:** ≥ 0.5 N/mm²
- **Dry Density:** Approx. 1800 kg/m³
- **Coverage:** Approx. 16-18 Kg/m² at 10 mm thickness
- **Application Temperature:** 5°C-35°C
- **Shelf Life:** 12 months in original, unopened packaging (Under 25°C at dry conditions).

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5. Application Guidelines:

Surface Preparation

Ensure the substrate is clean, structurally sound, and free from dust, oil, grease, curing compounds, paint, loose particles, or any contaminants. Pre-wet highly absorbent substrates before application, ensuring there is no standing water.

Mixing:

Mix MARMOPLAST with the recommended quantity of clean water using a slow-speed mechanical mixer until a smooth, lump-free consistency is achieved.

Allow the mixture to stand for 2–3 minutes, then remix briefly before application.

Application:

Apply the plaster uniformly using a steel trowel or plastering machine to the required thickness. Level and finish the surface using appropriate finishing tools.

Curing:

Protect the freshly applied plaster from rapid drying, direct sunlight, rain, and strong winds. Cure the plaster adequately to achieve optimum strength and durability.

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6.DO'S & DON'TS

• DO'S

- Do ensure the substrate is clean, sound, and free from dust, grease, oil, and loose particles.
- Do pre-wet highly absorbent surfaces before plaster application.
- Do use only clean water for mixing.
- Do mix mechanically until a smooth, homogeneous consistency is achieved.
- Do apply within the specified working time.
- Do maintain the recommended application thickness.
- Do cure the plaster adequately, especially in hot and dry weather.
- Do protect freshly applied plaster from direct sunlight, rain, and strong winds.
- Do store bags in a dry and covered location.

• DON'TS

- Do not add excess water beyond the recommended quantity.
- Do not remix hardened material with additional water.
- Do not apply over weak, dusty, painted, or contaminated substrates.
- Do not apply on frozen or waterlogged surfaces.
- Do not apply below **+5°C** or above **+35°C**.
- Do not expose freshly plastered surfaces to heavy impact before curing.
- Do not mix with cement, sand, lime, or other additives unless specified.
- Do not use damaged or moisture-contaminated bags.

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7.Storage and Handling:

Storage

- Store in unopened original bags in a cool, dry, and covered area.
- Protect from moisture and direct sunlight.
- Stack bags on pallets above ground level.

Handling

- Wear protective gloves, safety goggles, and a dust mask during mixing and application.
- Avoid inhalation of dust.
- Wash hands thoroughly after handling.
- Keep out of reach of children.

Health & Safety

- Contains cement and may cause skin or eye irritation.
- Wear appropriate personal protective equipment (PPE) during handling and application.
- Avoid contact with eyes and prolonged skin exposure.
- In case of eye contact, rinse immediately with plenty of clean water and seek medical attention.
- Wash exposed skin thoroughly with soap and water.
- Do not inhale dust during mixing.
- Dispose of unused material and empty bags in accordance with local environmental regulations.

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