MARMO SOLUTIONS
MARBLE & TILE SOLUTION PRODUCTS



TECHNICAL DATA SHEET

Product Name: MARMODENSIFIER

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:

Marmodensifier is a high-performance marble densifier specially formulated to increase the hardness and reduce the porosity of natural marble. By deeply penetrating the surface, it strengthens the stone, improves durability, and enhances its resistance to moisture. Marmodensifier is ideal for use on rough and unpolished marble surfaces to optimize absorption and effectiveness.

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2. Product Features:

- **Increased Hardness:** Improves the overall strength of marble, making it more resistant to wear and tear.
- **Reduced Porosity:** Decreases the porosity of marble, offering improved resistance to water absorption and staining, though it does not render the surface fully stain-repellent.
- **Enhanced Durability:** Extends the lifespan of marble, making it more resilient to physical and chemical damage.
- **Simple Application:** Can be applied using surface or dipping methods for versatility in treatment.

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3. Technical Specifications:

- **Appearance:** Clear liquid
- **pH Level:** 7-9 (neutral)
- **Specific Gravity:** 1.02 - 1.05 g/cm³
- **Solubility in Water:** Soluble
- **Coverage:** 5-10 sq. ft per litre in dipping and 50-100 sq. ft. per litre, depending on surface condition and porosity
- **Drying Time:** 30-60 minutes for surface absorption (depending on environmental conditions)
- **Curing Time:** 24 hours for initial use, best results after 28 days

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4. Application Instructions

1. Surface Preparation:

Ensure the marble surface is clean, dry, and free of any dirt, oils, or other contaminants. Use a pH-neutral cleaner for best results.

Application Method:

- **Note:** Always apply Marmodensifier to rough and unpolished surfaces to optimize absorption.

a. Dipping Application:

- Fully submerge the marble stone in Marmodensifier for 12 to 24 hours, depending on the porosity of the marble.
- Remove the stone and allow it to air dry naturally.

b. Surface Application:

- Apply Marmodensifier using a clean cloth, sponge, or applicator, ensuring even coverage.
- Allow the product to penetrate *until the marble is fully saturated. This may take *30-60 minutes, depending on the porosity of the marble.
- Wipe off any excess product with a clean, dry cloth to avoid surface buildup.

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4. Application Instructions

Curing Time:

- Allow the treated surface to cure for a minimum of 24 hours before subjecting it to heavy use.
- Best Results: Maximum marble hardness and reduced porosity will be achieved after 28 days of curing.

Performance Note:

Marmodensifier significantly reduces porosity but does not fully prevent staining. Regular maintenance and care are recommended to preserve and extend the treated marble's longevity.

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5.DO'S & DON'TS

- **DO'S**
- Ensure the marble surface is clean, dry, and free from dust, oil, wax, or contaminants before application.
- For dipping method, fully immerse the marble in Marmodensifier for 12–24 hours, depending on stone porosity.
- Allow the treated surface to dry for at least 24 hours before heavy use.
- Perform a small test patch before large-scale application to ensure compatibility with the stone.

- **DON'TS**
- Do not apply on wet, damp, or contaminated marble surfaces.
- Do not apply on polished or sealed surfaces where penetration is not possible.
- Do not mix Marmodensifier with other chemicals, sealers, or additives.
- Do not rely on the densifier as a complete stain-proofing solution.

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6. Storage and Handling

- Storage Temperature: Store in a cool, dry place between 5°C and 30°C (41°F to 86°F).
- Shelf Life: 12 months from the date of manufacture when stored in its original sealed container.
- Packaging: Available in 1 litre, 5 liters, 10 litres,20 litres, and 40 liters containers.

7. Environmental Considerations

- Dispose of unused product and container according to local regulations.
- Do not pour the product into drains, waterways, or soil.

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8. Safety Information

• Personal Protective Equipment (PPE): Wear appropriate protective gear, such as gloves and safety goggles, when handling Marmodensifier.

• **First Aid Measures:**

• Skin Contact: Wash thoroughly with soap and water.

• Eye Contact: Rinse cautiously with water for several minutes. Seek medical advice if irritation persists.

• Inhalation: Move to fresh air immediately. Seek medical attention if symptoms occur.

• Ingestion: Do not induce vomiting. Rinse mouth and seek medical attention immediately.

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