MARMO SOLUTIONS
MARBLE & TILE SOLUTION PRODUCTS



TECHNICAL DATA SHEET

Product Name: MARMOMASTIC

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:

MARMOMASTIC is a high-performance two-component polyester-based joint filler specially formulated for bonding, laminating, repairing, and filling natural and engineered stone surfaces. Its smooth consistency provides precise application, excellent workability, and rapid curing, making it ideal for fabrication, installation, and restoration applications.

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2. Product Features:

- High-strength polyester-based stone filler.
- Excellent bonding and laminating performance.
- Smooth consistency for precise application.
- Rapid curing for faster fabrication and installation.
- Excellent adhesion to natural and engineered stone.
- Ideal for joint filling, chip repairs, and edge bonding.
- Easily sanded, machined, and polished after curing.
- Good resistance to water and mild chemicals after curing.
- Suitable for indoor fabrication and repair applications.

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3. Application:

- Stone-to-stone edge bonding
- Surface filling
- Joint filling
- Chip repairs
- Minor crack repairs
- Fabrication of countertops and vanity tops

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4. Product Specifications:

- **Base:** Polyester resin with hardener
- **Appearance:** Smooth Paste
- **Mixing Ratio:** 50:1 (Resin: Hardener by weight)
- **Packaging:** 1.5 KG + 30 gm
- **Bond Strength:** >2.5 N/mm²
- **Tack-Free Time (25°C): 4**0 - 60 minutes
- **Full Curing Time:** 12 - 24 hours
- **Compressive Strength:** > 60 N/mm²
- **Flexural Strength:** > 25 N/mm²
- **Bond Strength:** > 2.5 N/mm²
- **Density:** 1.30 ± 0.10 g/cm³
- **Application Temperature:** 15°C to 35°C

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5. Application Guidelines:

Surface Preparation: Ensure all bonding surfaces are clean, dry, and free from dust, oil, grease, wax, and loose particles.

Mixing: Mix 50 parts MARMOMASTIC resin with 1 part of hardener (by weight) until a uniform colour and consistency are achieved.

Application: Apply the mixed adhesive immediately using a spatula or putty knife.
Bring the bonded surfaces together while the product is still workable.
Remove excess material before curing.

Curing: Allow the product to cure completely before sanding, grinding, machining, or polishing.
Typical curing time is 12–24 hours, depending on ambient temperature.

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6.DO'S & DON'TS

- **DO'S**
- Do ensure all bonding surfaces are clean, dry, and free from dust, grease, oil, and loose particles.
- Do mix the resin and hardener thoroughly in the recommended 50:1 ratio.
- Do use clean mixing tools to prevent contamination.
- Do apply the mixed product immediately after preparation.
- Do support or clamp bonded stone until complete curing.
- Do remove excess product before it hardens.
- Do perform a trial application before large-scale work.
- Do store the product in its original tightly sealed container.

- **DON'TS**
- Do not alter the recommended adhesive-to-hardener ratio.
- Do not apply on wet, damp, or contaminated surfaces.
- Do not use the mixed material after its working time has expired.
- Do not dilute the product with solvents or other chemicals.
- Do not expose uncured product to water or excessive moisture.
- Do not machine or polish the repaired stone before complete curing.
- Do not use below the recommended application temperature.
- Do not return mixed material to the original container.

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7.Storage and Handling:

Wear protective gloves and goggles during application.

Ensure proper ventilation when using the product.

Store in a cool, dry place away from direct sunlight and freezing temperatures.

Disclaimer:

This technical data sheet provides guidance based on current knowledge and best practices. Product performance may vary depending on environmental factors and substrate conditions. A small test area is recommended before full-scale application.

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