MARMO SOLUTIONS
MARBLE & TILE SOLUTION PRODUCTS



TECHNICAL DATA SHEET

Product Name: MARMOMASTIC-GEL/CLEAR

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-Gel/Clear is a high-strength, two-component polyester-based joint and crack filler designed for natural and artificial stones. It provides excellent adhesion, fast curing, and a smooth, gel-like consistency for easy application on vertical and horizontal surfaces. It can be polished to match the surrounding stone and is resistant to water and mild chemicals after curing. Marmomastic-Gel/Clear is available in a clear version for seamless, invisible repairs on light-colored stones.

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2. Product Specifications:

Base: Polyester resin with hardener

Appearance: Gel / Clear

Mixing Ratio: 100:2 (Mastic: Hardener by weight)

Gel Time (25°C): 35 - 60 minutes

Tack-Free Time (25°C): 60 - 80 minutes

Full Curing Time: 12 - 24 hours

Compressive Strength: > 60 MPa

Flexural Strength: > 25 MPa

Bond Strength: > 2.5 MPa

Density: 1.2 - 1.4 g/cm³

Application Temperature: 15°C to 35°C

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3. Application Guidelines:

Surface preparation is essential for optimal adhesion. The surface must be clean, dry, and free from dust, grease, or loose particles. If needed, use Marmocleaner-Mild for effective cleaning.

For mixing, take the required amount of Marmomastic-Gel/Clear and add 2% hardener by weight. Mix thoroughly until a uniform consistency is achieved.
Apply the mixture immediately using a spatula or trowel, ensuring complete filling of the crack or joint. Remove excess material before curing. Curing takes approximately 12-24 hours before sanding or polishing.

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4.DO'S & DON'TS

- **DO'S**
- Do ensure that all bonding surfaces are clean, dry, and free from dust, oil, grease, wax, or loose particles before application.
- Do mix the resin and hardener thoroughly in the recommended ratio until a uniform colour and consistency are achieved.
- Do use clean mixing tools and containers to prevent contamination.
- Do carry out a small trial application before beginning large-scale work.
- Do apply the mixed product within its recommended working (pot life) period.
- Do clamp or support bonded materials until the chemical has completely cured.
- Do remove excess product immediately before it hardens.
- Do store the product in a cool, dry place with the containers tightly closed after use.

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- **DON'TS**
- Do not alter the recommended resin-to-hardener mixing ratio.
- Do not apply the product on wet, damp, or contaminated surfaces.
- Do not use the product after its pot life has expired.
- Do not mix with bleach, acids, alkalis, or other cleaning chemicals.
- Do not expose the uncured adhesive to water or excessive moisture.

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5.Storage and Handling:

Marmomastic-Gel/Clear is available in 1L tins. Store in a cool, dry place away from direct sunlight. Keep the lid tightly closed after use to prevent contamination and premature curing.

Health & Safety:

Use protective gloves and safety glasses while handling. Ensure proper ventilation during application. Avoid contact with skin and eyes, in case of contact, rinse immediately with water and seek medical advice. Do not ingest. Dispose of unused material responsibly as per local regulations.

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