MARMO SOLUTIONS
MARBLE & TILE SOLUTION PRODUCTS



TECHNICAL DATA SHEET

Product Name: MARMOMASTIC-CLEARSOFT

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-CLEARSOFT is a premium two-component polyester-based clear gel adhesive specially formulated for bonding, repairing, laminating, and filling natural and engineered stone surfaces. Its soft gel consistency allows precise application with excellent workability, making it ideal for seamless repairs where a transparent bond line is required.

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2. Product Features:

- High-performance polyester-based clear gel adhesive.
- Transparent formulation for nearly invisible repairs.
- Soft gel consistency for smooth and precise application.
- Non-sag formulation suitable for vertical applications.
- Rapid curing for faster fabrication and installation.
- Excellent bonding and laminating performance.
- Ideal for filling chips, pinholes, and hairline cracks.
- Easily sanded, machined, and polished after curing.
- Excellent adhesion to natural and engineered stone.
- Professional-grade finish for decorative applications.

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3. Application:

- Transparent stone repairs
- Stone-to-stone edge bonding
- Chip and corner repairs
- Hairline crack filling
- Pinhole filling
- Joint filling
- Fabrication of countertops and vanity tops
- Vertical repair applications

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4. Product Specifications:

- **Base:** Polyester resin with hardener
- **Appearance:** Clear soft gel
- **Consistency:** Soft non-sag gel
- **Packaging:** 1 Kg +30 gm
- **Bond Strength:** >2.5 MPa
- **Tack-Free Time :** 30-45 minutes
- **Polishable:** Yes
- **Full Curing Time:** 8-12 hours
- **Bond Strength:** > 2.5 MPa
- **Density:** 1.05 ± 0.05 g/cm³
- **Application Temperature:** 15°C to 35°C
- **Shelf Life:** 12 months in original, unopened packaging

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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 100 parts MARMOMASTIC-CLEARSOFT with 2–3 parts hardener (by weight) until a uniform mixture is obtained.

Application: Apply the mixed adhesive immediately using a spatula or putty knife. Press the bonded surfaces firmly together and remove excess adhesive before curing.

Curing: Allow the adhesive to cure completely before sanding, machining, grinding, or polishing. Typical curing time is 8–12 hours, depending on ambient temperature.

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6.DO'S & DON'TS

- **DO'S**
- Do ensure the stone surfaces are clean, dry, and free from dust, grease, oil, and loose particles.
- Do mix the resin and hardener thoroughly in the recommended ratio.
- Do use clean mixing tools and applicators.
- Do apply immediately after mixing to maximize working time.
- Do clamp or support bonded pieces until the product has cured completely.
- Do remove excess adhesive before it hardens.
- Do perform a small compatibility test before large-scale application.
- Do sand and polish only after complete curing.
- Do keep the container tightly sealed after use.

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- **DON'TS**
- Do not alter the recommended resin-to-hardener ratio.
- Do not apply on wet or damp surfaces.
- Do not use the adhesive after its working time has expired.
- Do not mix with other adhesives or solvents.
- Do not expose uncured joints to water or heavy loads.
- Do not machine or polish before complete curing.
- Do not apply below the recommended application temperature.
- Do not return mixed adhesive to the original container.

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7.Storage and Handling:

- **Storage:** Store in a cool, dry place (5°C - 30°C), away from direct sunlight and heat. Keep the container tightly sealed.
- **Handling:** Use in a ventilated area. Wear gloves and eye protection. Avoid skin and eye contact.

Health & Safety:

- **Protective Gear:** Always wear gloves, eye protection, and protective clothing during use to avoid skin and eye contact.
- **Ventilation:** Use in a well-ventilated area to avoid inhalation of vapors.
- **Skin Contact:** Wash immediately with soap and water.
- **Eye Contact:** Rinse thoroughly with water and seek medical advice if irritation persists.
- **Inhalation:** Move to fresh air if feeling unwell, seek medical help if symptoms continue.
- **Ingestion:** Do not induce vomiting. Seek medical attention immediately.
- **Disposal:** Follow local regulations for the safe disposal of chemical products.

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