

TECHNICAL DATA SHEET

Product Name:MARMOPOXY-LIQUID

Manufacturer :

ANAV INDUSTRIES

Address: Khewat No. 1358/1151,

Khatoni No. 1461, Main NH-9, Near Toll Plaza, Village Rohad, Dis. Jhajjar,
Haryana-124501

Marketed By/ Exporter:

MARMO SOLUTIONS PVT. LTD.

Office Address :

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

1. Product Description:

Marmopoxy-Liquid is a specially formulated 4:1 very low-viscosity, water-like epoxy designed for filling cracks, pits, and pinholes in colored stones (except white marble). Over time, the product may exhibit slight yellowing. It ensures deep penetration into even the finest cracks and imperfections, offering a seamless and durable repair solution.



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Product Features:

- **Ultra-Low Viscosity:** Almost water-like consistency for deep penetration into fine cracks and defects.
- **Slight Yellowing Over Time:** Ideal for use on colored stones where slight yellowing is not a concern.
- **Excellent Bond Strength:** Provides high mechanical strength and strong adhesion to stone surfaces.
- **Durable and Long-Lasting:** Formulated to withstand wear, environmental factors, and mechanical stress.
- **Versatile:** Suitable for various colored stones but not recommended for white marble.

Applications:

- **Crack Filling:** Ideal for repairing fine cracks in colored stones.
- **Pinhole and Pit Repair:** Effective in filling surface imperfections like pinholes and pits.
- **Stone Restoration:** Suitable for both interior and exterior applications, providing long-lasting durability.



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Technical Specifications:

- **Component Type:** Two-component epoxy system
- **Mixing Ratio:** 4:1 (Resin: Hardener by weight)
- **Viscosity:** Ultra-low viscosity, water-like consistency
- **Pot Life:** 30-40 minutes at 25°C
- **Initial Cure Time:** 10-12 hours at 25°C
- **Full Cure Time:** 24 hours at 25°C
- **Shore D Hardness:** ≥ 75
- **Bond Strength:** ≥ 3 N/mm² (on stone surfaces)
- **Elongation at Break:** ≥ 5%
- **UV Resistance:** Moderate (slight yellowing over time)
- **Service Temperature Range:** -10°C to +70°C
- **Chemical Resistance:** Resistant to chemicals, water, and alkalis
- **Shelf Life:** 12 months in original, unopened packaging
- **Packaging:** Available in 1 KG Resin + 0.25 KG Hardener
4 KG RESIN + 1 KG Hardener sets



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Application Guidelines:

1. Surface Preparation:

- Clean the surface to be treated, ensuring it is dry and free of dust, oil, and contaminants.
- Use suitable cleaning agents to prepare the surface for optimal adhesion.

2. Mixing Instructions:

- Mix the resin and hardener in a 4:1 ratio by weight.
- Stir 3-4 min thoroughly to ensure a homogenous mixture.

3. Application:

- Apply the mixed Marmopoxy-Liquid into the cracks, pits, or pinholes using a brush or small spatula.
- Ensure the product flows evenly into the defects, filling them completely.
- For larger cracks, apply in layers to ensure full coverage and optimal bonding.

4. Curing:

- Allow the product to cure for 12 hours before light use.
- Full mechanical strength is achieved after 24 hours.



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Storage and Handling:

- **Storage:** Store in a cool, dry place between +5°C and +25°C. Keep the product sealed and protected from direct sunlight.
- **Handling:** Use appropriate personal protective equipment, including gloves and eyewear. Ensure proper ventilation when using in enclosed spaces.

Health and Safety:

- **Precautionary Measures:** Avoid skin and eye contact. In case of contact, rinse thoroughly with water and seek medical attention if needed.
- **Disposal:** Dispose of any unused product and packaging in accordance with local environmental regulations.

