MARMO SOLUTIONS
MARBLE & TILE SOLUTION PRODUCTS



TECHNICAL DATA SHEET

Product Name: MARMOPOXY-GROUT

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
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E-Mail: info@marmosolutions.com
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Office hours: Monday to Saturday (10AM-6PM)

1. Product Description:

MARMOPOXY-GROUT is a premium two-component epoxy grout mixed in a 9:1 ratio, designed for tiles, marble, granite, and stone joints. It provides excellent stain resistance, waterproofing, chemical resistance, strong bonding, and no shrinkage. Suitable for 2mm–12mm joints, it delivers a smooth, durable, non-porous finish ideal for residential, commercial, and high-traffic applications.

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2. Product Features:

- Two-component epoxy grout with 9:1 mixing ratio
- Excellent stain and chemical resistance
- Waterproof and non-porous finish
- Strong adhesion and high durability
- No shrinkage or cracking
- Smooth and easy-to-clean surface
- Suitable for 2mm to 12mm joints
- Ideal for tiles, marble, granite, and natural stone
- Long-lasting colour stability
- Suitable for residential and commercial applications
- High compressive and flexural strength
- Excellent abrasion resistance
- Prevents dirt and moisture penetration
- Hygienic and anti-bacterial surface finish
- Resistant to oil, grease, and household chemicals
- Uniform and smooth joint appearance
- Low maintenance and easy cleaning
- Excellent bonding with tile edges
- Suitable for wet areas and swimming pools
- UV-stable performance for long-term durability
- Available in multiple attractive shades
- Suitable for wall and floor applications
- Dense and compact joint structure
- Excellent workability and application performance

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3. Technical Specifications:

- **Mixing Ratio:** 9:1 (Resin : Hardener)
- **Density:** Approx. 1.5 g/cm³
- **Pot Life:** 30–45 Minutes @ 25°C
- **Initial Cure Time:** 6–8 Hours
- **Full Cure Time:** 24 Hours
- **Application Temperature:** 10°C to 35°C
- **Service Temperature:** -20°C to 80°C
- **Water Absorption:** Nil
- **Compressive Strength:** >35 Mpa
- **Tensile Strength:** >12 Mpa
- **Flexural Strength:** >20 Mpa
- **Bond Strength:** Excellent
- **Abrasion Resistance:** High
- **Chemical Resistance:** Excellent
- **Stain Resistance:** Excellent
- **UV Resistance:** Good
- **Shrinkage:** No Shrinkage
- **Crack Resistance:** Excellent
- **Surface Finish:** Smooth & Non-Porous
- **Joint Width Compatibility:** 2mm–12mm
- **Coverage:** Depends on tile size and joint width
- **Shelf Life:** 12 Months in unopened packing

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4. Application Guidelines:

1.Ensure joints are clean, dry, and free from dust, oil, adhesive residue, or loose particles.

2.Mix Part A (Resin) and Part B (Hardener) thoroughly in a 9:1 ratio until a uniform colour and consistency are achieved.

3.Apply MARMOPOXY-GROUT using an epoxy grout float, ensuring joints are completely filled.

4.Remove excess material diagonally from the tile surface before initial setting.

5.Clean the surface with a damp sponge and clean water before grout hardens completely.

6.Avoid water exposure and heavy traffic for minimum of 24 hours after application.

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5.DO'S & DON'TS

- **DO'S**
- Do ensure all joints are clean, dust-free, and free from adhesive residues before grouting.
- Do use a low-speed mechanical mixer to achieve a smooth, homogeneous paste.
- Do use the mixed grout within its 30-45-minutes working time.
- Do a clean tile surface after initial setting (15–30 minutes) using a damp sponge.
- Do allow a minimum of 24 hours before light foot traffic.
- Do allow 7 days curing for full mechanical strength.

- **DON'TS**
- Do not add water, thinner, cement or any material to the grout.
- Do not remix or re-temper grout once it begins to set.
- Do not apply over uncured adhesive.
- Do not mix different batches of powder without dry blending (may cause shade variation).
- Do not use acidic cleaners immediately after grouting.
- Avoid application on unstable or movement-prone substrates.
- The product is not recommended for exterior applications or areas exposed to continuous direct sunlight.

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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 litres, 10 litres,20 litres, and 40 litres containers.

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