MARMO SOLUTIONS
MARBLE & TILE SOLUTION PRODUCTS

TECHNICAL DATA SHEET

Product Name: MARMOTINT

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
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1. Product Description:

Marmotint is a high-quality universal pigment designed for use with a variety of resin systems, including epoxy, polyester, and polyurethane. It provides excellent color consistency and can be easily blended into resin fillers to achieve the desired aesthetic finish. Marmotint is compatible with joint and crack fillers, adhesives, and other resin-based products without affecting their performance.

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2. Technical Data:

- **Composition:** Universal pigment based on inorganic and organic pigments dispersed in a stable carrier.
- **Color Availability:** Wide range of colors (customizable upon request).
- **Appearance:** Fine pigment paste with smooth texture.
- **Density:** 1.1-1.4 g/cm³ (depending on the pigment color).
- **Viscosity:** 1000-3000 mPa·s at 25°C (paste form).
- **Mixing Ratio:** Typically, 1-5% by weight of the total resin component, depending on the desired color intensity.
- **Compatibility:**
- Epoxy resins
- Polyester resins
- Polyurethane resins
- Other synthetic resins
- **Application Areas:**
- Joint and crack fillers
- Adhesives
- Grouts
- Surface coatings
- Back coatings for marble and stone applications
- **UV Stability:** High (depending on the color and application).
- **Heat Resistance:** Up to 120°C (after curing of the mixed resin system).

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3. Advantages:

- Universal compatibility with multiple resin systems.
- Excellent dispersion properties.
- Stable colour performance over time.
- Does not interfere with the mechanical or adhesive properties of resin systems.

4. Application Guidelines:

1. Preparation:

- Ensure the resin system (epoxy, polyester, or polyurethane) is well-mixed before adding **Marmotint.**
- Add **Marmotint** in the desired proportion (1-5% by weight).
- Stir thoroughly until a uniform colour is achieved.

2. Application:

- Apply the tinted resin mixture as per the standard procedure for your application.
- Suitable for both hand and machine application.

3. Curing:

- Follow the curing schedule of the respective resin system.
- Pigment does not affect the curing time or mechanical properties of the resin.

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5.DO'S & DON'TS

• DO'S

• Do pre-mix Marmotint thoroughly before adding it to the resin system.

• Do add Marmotint slowly into the resin while stirring to ensure proper dispersion.

• Do maintain consistent mixing ratios across batches to achieve uniform color results.

• Do use clean, dry mixing tools and containers to avoid contamination.

• DON'TS

• Do not add Marmotint directly to hardener without first blending it into the resin component.

• Do not use contaminated or partially cured resin when adding pigment.

• Do not mix pigments from different manufacturers in the same resin batch.

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6. Limitations:

• Not recommended for water-based systems without testing.

• Color shades may slightly vary based on the resin type.

Storage and Handling:

• **Storage Conditions:** Store in a cool, dry place at temperatures between 10°C and 30°C.

• **Shelf Life:** 12 months in unopened containers.

• **Packaging:** Available in 50 GMS containers.

• Safety Precautions:

• Avoid direct contact with skin and eyes.

• Use in a well-ventilated area.

• Refer to the Safety Data Sheet (SDS) for detailed handling information.

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