MARMO SOLUTIONS
MARBLE & TILE SOLUTION PRODUCTS



TECHNICAL DATA SHEET

Product Name: MARMOGUARD-PLUS

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:

MARMOGUARD-PLUS is a premium liquid lithium silicate densifier enriched with advanced nano-technology, specially formulated to enhance the strength, density, and gloss of marble, terrazzo, concrete, and cementitious flooring. It penetrates deep into the substrate, chemically reacting with free lime to form a dense crystalline structure that significantly improves abrasion resistance, durability, and long-term surface performance.

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2. Product Features:

- Nano lithium silicate technology.
- Deep substrate penetration.
- High-performance floor densifier.
- Enhances natural gloss and clarity.
- Improves abrasion and wear resistance.
- Increases surface hardness.
- Improves stain resistance.
- Fast penetration and reaction.
- Suitable for polishing and restoration.
- Low VOC and environmentally friendly.

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3. Application:

- Final polishing stages
- Stone restoration
- Gloss enhancement
- Floor densification
- Abrasion resistance improvement
- High-traffic flooring
- Surface hardening
- Long-term floor protection

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4. Product Specifications:

- **Appearance:** Clear Liquid
- **Specific Gravity:** 1.01- 1.05 g/cm³
- **Active Ingredients:** Nano Lithium Silicate Solution
- **Packaging:** 1L,5L, 20L Can
- **Penetration:** Excellent
- **Surface Hardness:** Significantly improved
- **pH :** 10.5-11.5
- **VOC Content:** Low VOC
- **Drying Time: 30**-60 minutes
- **Full Cure Time:** 24 hours
- **Penetration Depth:** Complete and uniform penetration based on the stone porosity.
- **Abrasion Resistance:** Excellent
- **Gloss Enhancement:** Excellent
- **Water Resistance:** Excellent
- **Shelf Life:** 24 months in original, unopened packaging

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5. Application Guidelines:

• Surface Preparation:

Ensure the floor is clean, dry, and free from dust, oil, grease, wax, polishing residues, and contaminants. Complete all grinding and polishing stages up to 800 grit or finer before application.

• Application:

Apply MARMOGUARD-PLUS evenly using a microfiber mop, soft applicator, or low-pressure sprayer. Spread uniformly without allowing puddles to form.

Allow the product to penetrate the surface.

• Buffing:

Buff the treated surface using an appropriate polishing machine and polishing pads until the desired gloss level is achieved.

Multiple applications may be performed on highly porous surfaces.

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6.DO'S & DON'TS

- **DO'S**
- Do ensure the surface is completely polished (till 800 number grid) before application.
- Do apply only on clean and dry substrates.
- Do shake the container well before use.
- Do apply a thin, uniform coat.
- Do buff thoroughly after application for optimum gloss.
- Do allow sufficient penetration time before polishing.
- Do perform a small trial application on highly polished stones.
- Do clean application equipment immediately after use.
- Do store the container tightly sealed in a cool, dry place.

- **DON'T'S**
- Do not apply on dirty, dusty, oily, or wax-coated surfaces.
- Do not allow excess material to dry as puddles on the surface.
- Do not dilute with water or solvents.
- Do not apply before completing the grinding process.
- Do not expose freshly treated floors to heavy traffic before curing.
- Do not use below +10°C or above +35°C.
- Do not mix with other floor treatment chemicals.
- Do not apply during rainfall or on water-saturated surfaces.

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7.Storage and Handling:

Wear protective gloves and goggles during application. Ensure proper ventilation when using the product. Store in a cool, dry place away from direct sunlight and freezing temperatures.

Disclaimer:

This technical data sheet provides guidance based on current knowledge and best practices. Product performance may vary depending on environmental factors and substrate conditions. A small test area is recommended before full-scale application.

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