

# TECHNICAL DATA SHEET (TDS)

## STONE GUARD Ultra-Hard Densifier

### 1. PRODUCT DESCRIPTION

STONE GUARD is a ready-to-use, water-based densifying treatment designed to strengthen, harden and compact stone surfaces. Its active ingredients react with the minerals within the stone to form a durable, cross-linked structure that fills pores and micro-cracks. It is recommended after approximately 200-grit grinding to improve surface hardness, density and durability.

### 2. ADVANTAGES

- Increases surface density
- Improves hardness
- Enhances abrasion resistance
- Improves resistance to salts
- Enhances water and stain repellency
- Improves and retains surface gloss
- Provides long-lasting surface durability
- Water-based and eco-friendly
- Ready-to-use formulation

### 3. APPLICATION AREAS

- Marble, limestone, terrazzo and travertine
- Natural and mineral-based stone surfaces
- Indoor and outdoor applications
- Residential, commercial and industrial areas

### 4. COVERAGE

Approximately 3–5 m<sup>2</sup> per litre, depending on surface porosity, absorption and substrate condition.

### 5. STORAGE & SHELF LIFE

Shelf life is approximately 12 months from the date of manufacture when stored in the original container under cool and dry conditions, protected from direct sunlight and extreme temperatures.

### 6. TECHNICAL INFORMATION

|                |                               |
|----------------|-------------------------------|
| Density        | : 1.10–1.20 g/cm <sup>3</sup> |
| pH             | : 10–12                       |
| Solid Content  | : 20%                         |
| Active Content | : 100% of Total Solids        |
| Freeze Point   | : < 0°C                       |
| Flash Point    | : Non-flammable               |

### 7. APPLICATION

#### SURFACE PREPARATION

- Surface must be clean, dry and free from dust, oil, wax and existing sealers.
- Application temperature should be above 4°C.
- Ensure adequate ventilation during application.
- Protect adjacent surfaces and areas from accidental contact.

#### APPLICATION PROCEDURE

- Apply STONE GUARD evenly using a mop, sponge or suitable applicator.
- Spread uniformly over the surface using a soft cloth or sponge.
- Apply additional material as required until the surface reaches saturation.
- Allow the treated surface to dry for approximately 24 hours before continuing polishing or further treatment.
- Softer or highly porous stones may require multiple applications for optimum densification.

### 8. MAINTENANCE

STONE GUARD is a densifying treatment, not a surface sealer. It does not completely prevent the penetration of oil, dust or other contaminants. Regular cleaning and proper maintenance are recommended to preserve the treated surface.

### 9. CAUTION

- Wear suitable protective equipment, including gloves and eye protection, during application.
- In case of contact with eyes or skin, rinse thoroughly with clean water.
- Avoid inhalation of spray or vapour.
- Keep away from children and unauthorized users.
- Test on a small, inconspicuous area before full application to confirm substrate compatibility and desired appearance.

Manufactured For & Marketed By:

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