

TECHNICAL DATA SHEET (TDS)

PRIME SHIELD Ultra-Hard Densifier

1. PRODUCT DESCRIPTION

PRIME SHIELD is a ready-to-use, water-based densifier formulated to strengthen, harden and densify natural stone surfaces. Its active components react with stone minerals to form a durable internal structure that fills pores and micro-cracks. It is recommended after #800 grit grinding and is particularly suitable for light-coloured stones.

2. ADVANTAGES

- Increases density & hardness
- Improves abrasion resistance
- Enhances water & stain resistance
- Improves and retains gloss
- Highly durable
- Eco-friendly

3. APPLICATION AREAS

- Marble, limestone & terrazzo
- Travertine & natural stones
- Indoor & outdoor surfaces
- Residential, commercial & industrial areas

4. COVERAGE

3–5 m² per litre, depending on surface porosity and substrate condition.

5. STORAGE & SHELF LIFE

12 months from the date of manufacture when stored in the original sealed container in a cool, dry place.

6. TECHNICAL INFORMATION

Density	: 1.10–1.20 g/cm ³
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 and free from dust, oil, wax and sealers.
- Application temperature should be above 4°C.
- Maintain proper ventilation.
- Protect adjacent surfaces from contact with the product.

APPLICATION PROCEDURE

- Apply PRIME SHIELD evenly using a mop or sponge.
- Spread uniformly with a soft cloth or sponge.
- Reapply until the surface reaches saturation.
- Allow to dry for approximately 24 hours before further polishing or treatment.
- Multiple applications may be required on softer or highly porous stones.

8. MAINTENANCE

PRIME SHIELD is a densifier, not a sealer. It does not prevent oil or dust penetration. Regular cleaning and proper surface maintenance are recommended.

9. CAUTION

- Wear suitable protective gloves and safety equipment during application.
- Avoid inhalation of product mist or vapour.
- In case of contact with eyes or skin, rinse thoroughly with clean water.
- Conduct a small-area test before full application.

Manufactured For & Marketed By:

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