



TECHNICAL DATA SHEET

NANO SHIELD

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DESCRIPTION

NANO SHIELD is a solvent-based, water-repellent nano-sealer that provides a natural look to treated surfaces. It is designed to protect terracotta, brick, and natural stones—including marble, granite, and travertine—from water and water-based stains.

Key Features

- Water repellent with deep penetration (up to 3 mm)
- Suitable for both interior and exterior use
- Maintains the natural appearance of surfaces
- Prevents efflorescence (anti-salt effect) Inhibits moss formation
- UV resistant and non-yellowing Breathable and does not form a surface layer

APPLICATION AREAS

- Terracotta
- Brick
- Natural stones (marble, granite, travertine)
- Both indoor and outdoor surfaces

INSTRUCTIONS FOR USE

Ensure surface is clean, dry, and free from waxes or coatings.
Mask off adjacent areas to avoid overspray or drips.
Apply generously with a flat brush or spray, soaking joints thoroughly.
Wait 30 minutes, then apply the second coat using the same method.
For highly porous materials, apply a third coat if needed.
After the final coat, wipe off excess product with a clean cloth.
For added shine or protection on indoor floors, a compatible wax may be applied.

TECHNICAL DATA

Appearance	Clear liquid
Odor	Typical
Density	0.800 ± 0,02 gr/cm ³
Type	Solvent based
pH	5

COVERAGE

Approx. 4–18 m² per liter, depending on porosity of the surface

TOOLS REQUIRED

Flat brush
Low-pressure spray system

STORAGE & SHELF LIFE

- Store in tightly sealed original containers
- Keep at temperatures below 30°C
- Protect from direct sunlight and heat sources
- Shelf life: 24 months under proper storage conditions

CAUTIONS

- Always test in a small inconspicuous area with a 24 hours cure time to determine ease of application and desired results.
- Keep container tightly closed during prolonged application.
- Keep away from fire.
- Keep away from children.
- Spills during application, should be cleaned-up immediately to minimize absorption.
- Harmful, may cause lung damage if swallowed.
- Repeated exposure may cause skin dryness and cracking
- Vapours may cause drowsiness and dizziness

SAFETY MEASURES

- Irritating to eyes and skin.
- Avoid eye contact. If eye contact occurs wash with plenty of water and seek medical advice.
- Keep away from food, drink and animal feeding stuff.
- If skin contact occurs, wash with plenty of water and soap.
- Do not inhale. If you inhale, breathe fresh air
- If eyes contact occurs, immediately flush eyes with plenty of water and consult a doctor.
- If swallowed, seek medical advice immediately and show this container or label
- Use only in well-ventilated areas.
- Wear suitable protective gloves during application.
- Keep away from sources of ignition. No Smoking.

PACKAGING: 1000 ml | 5000 ml

TECHNICAL SUPPORT

Manufactured By Industrial 9-Warehouse, Behind Shirawi Enterprise, Ras Al Khor Industrial Area 2, Dubai, UAE

India Facility: 1025/1/A, Babla Compound, Gaibi Nagar, Kalyan Road, Bhiwandi, Maharashtra – 421302

www.lisauae.com | contact@lisauae.com