Nano Plus – Hydrophobic Coating for Absorbent Surfaces

Product Description

Nano Plus is a ready-to-use silicone-based water repellent, specially designed for the protection of absorbent mineral surfaces. It penetrates deeply into the substrate without forming a surface film, effectively reducing water absorption and preventing damage from freeze-thaw cycles, mold, and moss growth.

Features

- Reduces water absorption after application
- Maintains surface breathability (allows water vapor to pass)
- Preserves the natural appearance of the surface (no color change)
- Non-combustible and fire-resistant

Applications

Recommended for hydrophobic treatment of:
- Brick
- Concrete (lightweight and standard)
- Natural and artificial stone
- Cementitious plasters and renders
- Unpolished tiles and other porous mineral-based materials

⚠️ Note: Not suitable for wood, painted, glazed, or previously sealed surfaces.

Storage

- Shelf life: 12 months
- Storage temperature: -30°C to +30°C
- Keep away from direct sunlight and acids
- Store in original polyethylene or coated steel containers

Application Instructions

Surface Preparation: Ensure the surface is clean, dry, and free of dust, grease, loose paint, or other contaminants. Pressure washing or steam cleaning is recommended.
Application Method: Apply using a brush, roller, or low-pressure sprayer until the surface is fully saturated. Avoid mist spraying, as it increases consumption. Wipe off any excess material from the surface to prevent staining.

Application Conditions

- Apply only when the ambient temperature is above 0°C and below 30°C
- Drying time at 20°C: up to 24 hours
- Protect the surface from rain for at least 24 hours after application

Consumption

Consumption depends on surface type and porosity. Please refer to product label for specific guidance.

Physical Properties

Property	Value	Test Method
Appearance	Clear to slightly turbid liquid	Organoleptic
Density at 25°C	1.380 – 1.405 g/cm³	-
Non-volatile content	≥ 54.0%	EN ISO 3251
K_2O content	19.5 – 20.8%	-

Note: Precipitation during storage is normal and does not affect product quality.