



SURFASHIELD T

Water Based, Nano Suspension For Self-Cleaning , Self-Sterilizing Of Ceramic Tiles

Description

It is a water based, nano suspension designed for ceramic tiles to give it a final coating of nano particles that absorb the surrounding light (natural or artificial) so it makes the tiles active, they decompose organic matters and living micro organisms, eliminate stains, bacteria, fungi and odour, assure better abrasion resistance.

Where to use

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Advantages

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Properties

Form	Water suspension
Density	1 gm/cm ³
Viscosity	1.45 cp
Color	Milky white
VOC	35 g.L ⁻¹
Abrasion resistance	Class 3
Antibacterial reduction	99%
Antifungal reduction	88%
Photo catalytic activity rate	5.9x10 ⁻⁵ min ⁻¹

How to Use

Surface preparation:

- The application surface should be dry and clean.

Application:

- Apply SurfaShield T by air-spraying.
- No dilution is required.
- At an industrial level, application takes place on single-firing (monocottura) tiles, just after exiting the main furnace and when their surface temperature is at 50-60°C.
- Shiny or glossy finish ceramic tiles should be given the appropriate care. HVLP spraying is recommended to eliminate visible defects.

Theoretical Coverage:

Total consumption rate of 30-38 m²/L, strongly dependant on the properties of the surface applied.

Packaging:

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Shelf Life & Storage:

SURFASHEILD T has a shelf life of 18 months at least when stored in normal dry condition.

Health and Safety

- Care should be taken to avoid inhalation of dust and to prevent material entering the eyes.
- Use goggles-gloves and a breathing mask when applying.
- Apply forced ventilation in confined spaces.
- Remove splashes from skin with hand cleanser or soap and water.
- Eye splashes to be washed with plenty of water.



Additional Information

PROKEM provides the construction industry with a comprehensive range of construction Chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.

PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction, **PROKEM** extends technical services to include after sales support to assist users in a proper handling of our products.

