



Uniguard Nano-Sil

Product Description

UV stable, inorganic transparent layer, non-toxic, used to facilitate cleaning on kitchen counters, and applied to floors as a waterproofing layer, stain resistance, enhancing the color of surfaces, protection from weather conditions, and UV-stable.

Features and benefits

- It improves color and appearance.
- Reduces absorbency of liquid materials.
- Stain resistant.
- UV resistant.
- provides either a matt or a gloss finish.
- One coat is sufficient. Several coats are possible.

Typical use

:

- Floors
- Kitchen Tops

Substrate

works well on a wide variety of mineral substrates commonly used in the tile industry including tumbled marble, granite, limestone, slate and saltillo clay tile, concrete, block work, cement board, etc....

Product Data

Packaging size	0.8 Liter, 3.20 Litr, 16 Litr
Form	Liquid
Appearance	Clear
Density	0.94 g/cm ³



Application data

The product can be applied by

- | | |
|--------------------|---------------------------------|
| Fine Sponge | Recommended for Soft Surfaces. |
| Brush | Recommended for rough Surfaces. |

Cleaning of painting tools

Immediate cleaning with solvent is necessary.

Film Thickness per coat

- | | |
|-----------------------------------|--|
| Dry film thickness | 20 µm - 50 µm |
| Theoretical spreading rate | 20 m²/ L - 40 m²/ L |

Spreading rates depend on the conditions of the substrate.

Thinner (solvent to mix with)

Any solvent can be used

Dilution (Mix Ratio)

Ready for application

Conditions during application

Do not apply if the temperature is below 5°C and not more than 60°C. Avoid working under direct sunlight.

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|----------------------------------|--------------|
| Drying and curing time | 25 °C |
| Surface (touch) dry | 1 h |
| Dry to over coat, minimum | 10 h |
| Full Cure | 24 h |

Directions for use

Surface Preparation

- Ensure that surface is thoroughly cleaned and free from grease, oil, dirt, salt and other containments by wiping the surface well with a clean damp rag.
- Surface must be fully dry before starting the application.
- Excess material should be removed to prevent inconsistencies.



Recommended Paint System

Number of coats:

One coat, apply with a dry sponge or brush (depending on the surface roughness)
To have a gloss finish apply multiple coats as needed.

Storage

- Store in cool, dry place in a well-sealed container.
- Keep away from heat, ignition sources and from children.

Caution

- Do not use dirty tools.
- Keep out of the reach of children.

Health and safety

Possible Hazards: it causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice in case it happened.