



HIGH QUALITY NANOTECHNOLOGY COATINGS FOR the protection of
POLISHED GRANITE



CERACOAT COATING FOR (polished) GRANITE:

This coating protects polished granite from pollution.

An open porous Ceracoat-barrier layer prevents dirt particles from getting stuck in the micropore of the polished surface. Especially in the kitchen this coating prevents stains caused by oil and grease, but also discolorations induced by liquids such as red wine, coffee, tea, orange juice, beet juice and tomato juice as well as ketchup. When used in other areas the product protects from paint, oil, chalk or tile grout. Consequently pollutions can be easily removed by means of an appropriate solvent, respectively cleanser. This optimum protective function does in no way affect the breathability of the surface. Due to the inorganic network the coating is extremely resistant. The coating is ready-to-use and can directly be applied on the surface, thus forming a chemically and mechanically highly resistant layer with a thinness of only a few nanometer.

EXAMPLES OF USE: Polished Granite surfaces

- Kitchen worktops
- Counter plates and tabletops
- Wall and floor tiles
- Granite shower trays

PRODUCT CHARACTERISTICS:

- Strong hydrophobic + oleo phobic properties
- Strong non-stick properties
- Excellent easy-clean effect with regard to deposits
- Food safe (certified according to §§ 30 + 31 of the food law)

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ADVANTAGES:

- No influence on the appearance of the substrate (Layer thickness: 100- 150 nm)
- Excellent Hydro and Oleo phobic properties
- Strong protection from dirt particles
- Hardening at room temperature. No additional energy or UV light required.
- Pressure wash-resistant (50 - 60 bar)
- Outstanding resistance to abrasion
- Complete resistance to frost - Durable protection of the surface structure
- High temperature-resistance - UV-stable
- Extended durability of the coated surface by reduced cleaning cycles

CONSUMPTION / STORAGE:

- Manual or industrial 20 - 80 ml/m²
- Unopened original containers can be stored for at least one year. Recommended storage and transport temperature: 3 to 30 °C. Sufficient ventilation required.



TO BE APPLIED MANUALLY OR INDUSTRIALLY:

By repeatedly flooding the substrate, „Ceracoat granite care“ will penetrate deeply into the substrate and expand by itself, thus allowing an oleophobic layer to be created on the surface and a hydrophobicity to be achieved up to the core of the product.

The chemical networking process is completed after approximately 76 hours after the solvent having completely evaporated. It is recommended to wipe off product surpluses with a suitable cloth or linen and to polish the surface.

Please take care of a sufficient ventilation.

After hardening surfaces coated with „Ceracoat granite care“ can immediately be packaged.

In case of already installed areas the floor can be walked upon only after the layer has been completely hardened.

Appropriate only for industrial and commercial application.



ADVANTAGES COMPARED TO COMPETITIVE PRODUCTS

Permanence and longevity:

The UV-stability enables a lifetime performance of the coated surface – assuming it is not damaged by abrasion.

Many competitive products like silicon oils or fluorocarbon technologies are slowly destroyed by sunlight or normal abrasion

Chemical stability:

The product is resistant to almost all standard household and industrial cleaners.

Many competitive products do not have this property and must be reapplied.

IMPORTANT NOTICE:

Our explanations correspond to our current knowledge and experience. The right to make alterations within the framework of technical advances and operational development is reserved. The customer is not released from careful product application. We guarantee the quality of our products in accordance with our general sales conditions as a matter of course.

The products are ready-to-use. Mixing with other substances or other charges is strictly forbidden.



DURABLE RESISTANCE TO STAINS:

Durable resistance to stains:

		<u>after 24 h</u>	<u>after 48 h</u>	<u>after 96 h</u>
Olive oil	completely removed	✓	✓	✓
Vinegar	completely removed	✓	✓	✓
Butter	completely removed	✓	✓	✗
Red wine	completely removed	✓	✓	✓
Orange juice	completely removed	✓	✓	✓
Beet juice	completely removed	✓	✓	✓
Coffee	completely removed	✓	✓	✓
Tea green	completely removed	✓	✓	✓
Ketchup	completely removed	✓	✓	✓
Tomato juice	completely removed	✓	✓	✓
Edding	completely removed	✓	✓	✓