

TECHNICAL CHART 127

NANO SILICA SEALER

Description of product

Hydrophobic protective coating based on colloidal silica in aqueous dispersion and bio-based resins, with a matt effect. The special nanostructured silica-based composition, when applied on the surface, forms a homogeneous layer that is resistant to UV rays and acid and alkaline substances, reduces water absorption and hinders the penetration of impurities.

Application field

Protective agent for HIGHCLAY decors.

Product characteristics

NANO SILICA SEALER is an ideal protectant for absorbent surfaces, such as clay-based decors, marbles, silicate products and similar.

NANO SILICA SEALER has high water impermeability and greatly improves the washability of the surface.

Applied in one abundant coat, it prevents surfaces from dusting increasing surface resistance while practically preserving the chromatic characteristics of the substrate.

Technical data	
Name	Nano Silica Sealer
Composition	Nanostructured silica in aqueous dispersion, Biobase resins
Aspect	Viscous liquid
Color	Transparent
Dilution	Ready to use
Quantity per layer	approx. 0,13 lt/m ²
PH	5 - 9
VOC Class	VOC 0 g/l, wall paints and subcategories "L" EU limit value 2010 30g/l
Specific weight	1 kg/lt
Packaging	1 - 5 Lt containers
Storage	Store in a dry place with temp. 5 ÷ 30 °C for 18 months. Close well the started packages.
Notice	Protect surfaces within 24 hours after application.

NANO SILICA SEALER

Instructions for use

- Shake the product before use. Roller or brush application.
- The product should be applied in one generous coat.
- Apply the product on clean, sanitized and dry surfaces; if necessary, remove insubstantial parts traces of oils and greases.
- NANO SILICA SEALER comes ready to use; it can also be lightly tinted, so as to create a glazing effect
- Application temperature 5 - 30 °C
- Do not apply to wet surfaces or metal surfaces.

Notes

This data sheet was prepared by Bericalce technicians and the data provided constitute the technical and scientific indications tested at the in-house laboratory.

All responsibility, about the results obtained, lies solely with the method and conditions adopted for the application of the product.

These indications constitute valid support in verifying the suitability of the product for the specific case.

Date of issue **02.08.2024**

Date of revision2 **06.05.2026**

BeriCalce S.r.l.

Via Piave, 23

36033 Isola Vicentina (VI) - ITALIA

Tel./Fax (+39) 0444 929102

Tel. (+39) 0444 654919

Skype: bericalce

info@bericalce.com

bericalce.com