ANTICOR ATC954

PRODUCT DESCRIPTION



100% organic nanoparticle emulsion-based impregnating protector with the unique characteristics offered by NANOPROTECTO sealers, added with silicate microstructures that act as a barrier, which electrochemically passivates the treated surfaces, through the ion exchange of species under corrosion conditions. Thanks to its structure with pores of 0.3 to 0.5 nanometers, it has a cation exchange capacity of 3 to 5 meq/m2. Ideal for protecting structures under adverse corrosion conditions. Ideal for protecting porous mineral substrates in corrosive environments.

- Sealant based on organic nanoparticles of origin
- Permanent transparent surface modifier coating
- Intensifies the tone of the stones, giving a wet appearance
- Satin finish (depending on the nature of the substrate to be treated)
- Innovative ion exchange technology

TYPE

Silicate dispersion emulsion in vegetable resin

RECOMMENDED USES

Home

Ideal for protecting architectural stones in swimming pools and fountains where they are in constant contact with highly alkaline or chlorinated water, preventing erosion, discoloration, and weakening of the stones due to corrosive environments.

Industry

Ideal for protecting concrete surfaces to prevent erosion from chemical attack by acids, sulfates, or carbonates. Extends the life of concrete floors in dairy and food processing industries.

Construction

Primary sealant for walls and slabs to prevent erosion due to corrosion in saline environments (coastlines, factories, or establishments with corrosive processes). Reducing corrosion of metal reinforcement inserts embedded in concrete. Increasing the aesthetic and structural life of prefabricated and decorative stone with porous surfaces in saline environments, preventing discoloration and erosion.

COLOR	FINISH	SMEL	APPEARANCE
Cloudy white with brown traces.	Satin	Characteristic of his amber	Liquid

SPECIAL FEATURES

General ANTICOR is characterized by its high penetration capacity in mineral-based porous surfaces, due to its great versatility

It can be incorporated or used on unpolished marble, quarries, precast concrete, concrete, clay, among others. Its action against corrosion phenomena is due to the exchange of species with the electrolytic medium, modifying the surface of a passive layer that prevents the continuous migration of species, thus halting substrate degradation due to chemical attack. It is made from an emulsion of plant-based nanoparticles with a dispersion of silicate microstructures, making it a noble and easy-to-apply product.
In relation to the environment

Contains no lead or heavy metals, toxic solvents, or polluting compounds, vegetable resin based.

APPLICATION DATA

Surface Preparation The application temperature should be between 0°C and 40°C. Ensure that the surface is clean and free of dust, wax, grease, oxides, etc. For black stones, avoid application when the stone is above 33°C, as this could lead to the formation of stains.



Base application instructions Step 1. Moisten the sponge, brush, roller, sponge / cotton squeegee, or manual / motorized sprayer (the chosen mechanism depends on the area) and spread evenly over the dry, clean application surface, free of dust or other polymer-based sealers, without saturating. (NOTE: For large areas, it is advisable to use a manual or motorized spraying system and combine it with the use of industrial sponge / cotton squeegees, to achieve greater dispersion of the product and avoid saturation of ANTICOR on the surface). After this application, let it dry for one hour. During this application, 95% of ANTICOR is absorbed.

1 hr / after the first application

Second base application instructions

Stage 2. One hour after the first application of ANTICOR, Stage 1 is repeated. The only difference during this process is that absorption is minimal. When applying, disperse evenly, avoiding saturation. At the end of this application, allow to dry for 24 hours. During this application, the surface has a

absorption of 2 - 2.5% of ANTICOR



24 hrs / after the first application

Final base application instructions Stage 3. Repeat Stage 2. During this application, 2 - 2.5% of ANTICOR is absorbed.



APPLICATION EQUIPMENT

Manual or motorized sprinkler, sponge, brush or roller.

CLEANING APPLICATION EQUIPMENT

Use plenty of water. Dispose of wastewater and containers in accordance with local regulations.

DRYING TIME

6 hours after the application ends

RECOMMENDATIONS FOR USE

Preparing the substrate surface before applying ANTICOR is extremely important to ensure proper impregnation and avoid residue (stains). The application surface must be thoroughly clean and polished. Depending on the surface, polishing or cleaning with biodegradable solvents or detergents may be necessary. Avoid leaving any cleaning residue. Perform any necessary surface repairs before applying ANTICOR. The surface must be dry and dust-free prior to application. If proper cleaning is not performed at the time of applying the seal, these contaminants could appear on the surface as stains, which must be removed with a high-pressure water and solvent cleaning system. It is always best to test a small section of the material before applying the entire material. Please contact our Customer Service and Technical Support team for any additional questions regarding applications, durable surface conditions, operating procedures, necessary application equipment, protection, and cleaning.

THEORETICAL YIELD

4 to 6 m2 per liter (Note: will depend on the characteristics of the surface)

PRODUCT HANDLING

INFLAMMABILITY

It is not flammable, the components are inert.

STORAGE

In a closed container between 5 °C and 40 °C in a cool, dry environment

Special care

It should be kept in a cool, dry place and after use keep it tightly closed and out of the reach of children.
Avoid contact with skin and eyes.

PRODUCT LIMITATIONS Once opened, the product has a shelf life of 15 days depending on environmental conditions.

Do not dilute the product ready for application. Respect the drying times.

PRESENTATIONS

1 L, 4 L, 20 L, 200 L

IMPORTANT

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