

Antiseptic for mineral surfaces, concentrate 1:4

Specification

- it penetrates deeply into the base surface
- it reliably protects against bacteria, mould, and fungi



Sphere of application

Concentrated waterborne product is intended for treating of concrete, brick, stuccos, stone, asbestos concrete and other mineral and wooden surfaces. It disinfects and prevents mould, fungi, algae and other biological damages on the absorbing surfaces before undercoating and coating. It is especially recommended for wet spaces and poor aired spaces.

Technical data

Consumption standard of 1 layer	100-125 ml/m ²
Thinner	Water. The antiseptic is ready to use. If necessary, dilute as recommended.
Application	Apply with a brush, a roller or a spraying gun.
Density (DSTU ISO 2811-1)	≈ 1 g/cm ³
Drying period (23 °C, 50% RH)	1 hour. The drying period increases if the temperature falls and relative air humidity increases. It also depends on the consumption of the product.
Warranty period	24 months
Packaging	1 l, 2 l, 5 l
Color	colorless.

Composition

Water, biocide additive.

Application instruction

The condition for receiving a desired result is following directions for using the paint product and preparing the surface.

1 Preliminary preparation

Remove from the surface blue stain, mould, fungi, and clean all infected areas mechanically before applying the antiseptic for effective use!

The surface shall be dry: for cement and cement-sand base surfaces – less than 5%; for gypsum – less than 1%; wood and timber bases – less than 20%. Attention! High humidity of the base surface lessens the consumption of antiseptic and, as a result, lessens antiseptic efficiency.

The surface must be cleaned from chalk and lime whitewashings, grease, oily and other contaminations, efflorescence, dust, old paint coatings, wallpaper, polymer adhesives, runs of constructive solutions or composites. If treating wooden surfaces, we recommend removing the resin mechanically from the surface (with a spatula or a scratcher).

Mineral surfaces must be hard, without fragile parts and edges.

Before using subordinate products (adhesive, stucco, detergents, etc.), we recommend checking the compatibility on a small area of the surface, following the technical directions and specialists' hints.

2 Using



Mix the antiseptic before use, but not intensively (just to foam it). The antiseptic is ready to use and need no diluting. Filter it if necessary.

For wooden surfaces as well as for infection prevention of mineral surfaces, dilute the antiseptic with water in ratio: 1 part of the antiseptic to 4 parts of water. In case of severe infection use antiseptic without dilution.

If adding to chalk or cement mortars (consider the antiseptic like water for preparing the mortars for a desired result) Add 80-100 ml of undiluted antiseptic to 1 kg of mortar.

After antiseptic we recommend applying a primer (depending on the base surface), and then finishing products.

Pay special attention to mineral surfaces that mostly contact with moisture and edges of timber until complete saturation.

If treating horizontal surfaces and increased consumption of antiseptic, the full drying of the surface can continue longer.

Carry out works at the temperature of the air and the surface from +5 °C to +35 °C and relative air humidity under 80% (the temperature of the surface must be 3 degrees above the dew point). During application and drying of the antiseptic, provide appropriate ventilation.

Carry out treatment in 2-3 applications, providing summary consumption up to 200 ml/m². Depending on the base surface, apply subsequent coats in 2 hours.

Do not apply the antiseptic under direct sunlight, strong wind and precipitation. The surface must not be affected by precipitation before the application of the finishing coating. Treating frozen wood is prohibited.

Apply subsequent paint products after the surface treated with the antiseptic is fully dry.

We recommend applying the antiseptic with contact methods (a roller, a brush, a sponge), rubbing it into wooden surface. The tools must be recommended for water-based products.

Applying with a roller, we recommend using a cuvette for homogeneous wetting of the tool. When you apply the product by spraying, follow directions for exploitation.

For a positive result you need to obtain painting, finishing or wood treating skills, especially if you use professional instrument.

We recommend treating wooden surfaces along the timber fibers!

The consumption of antiseptic and the effect of "impregnation" substantially depend on the texture and material of the base surface. When you work with unusual or specific base surfaces, you must do the test application of all coats of protective coating on a small area, following all requirements.

Other additional recommendations when you work with the antiseptic for mineral surfaces.

The antiseptic is not a finished product and must be protected with coatings. The antiseptic is not suitable for tinting.

The antiseptic raises the timber fibers. After the application, the surface must be polished, dusted off, and then you can apply other coatings.

After treating, we recommend using nails, staples, and screws made of galvanized or stainless steel. If there are elements of black metal in wooden constructions, we must protect them against corrosion in prior with special primers or other products.

When you apply the product on the surface, the foam can appear! In this case, remove the foam with a wet cloth or a brush.

Do not use containers or tools that can be affected by corrosion.

Compatibility with other coatings

Depending on the condition of exploitation, the antiseptic can be used with different finishing coatings. The examples of compatibility are stated further. Call the specialists of POLYSAN to get more detailed recommendations.

Previous coat – we recommend applying the antiseptic on a clean surface.

Subsequent coat – acrylic water-based or alkyd solvent-based products.

The compatibility of the products must be tested on a small area of the surface.

3

Tool cleaning

After you finish the work clean the tools thoroughly with water and detergents.



SAFETY

Do not mix with other products and (or) organic solvents! Store in tightly closed original containers at the temperature from + 5 °C till + 35 °C. Keep out of moisture, direct sunlight, frost and out of reach of children. It retains its protective properties during short-term freezing and thawing. Use personal safety gear (special clothes, rubber gloves, respirator and safety glasses) If the application is performed indoors it is necessary to provide effective ventilation. If skin, eyes, or mucosa contact, rinse with plenty of water. Consult a doctor if necessary. More detailed information you can read from the safety data sheet. The product has a sanitary-epidemical conclusion of the state expertise.

ENVIRONMENTAL PROTECTION

Do not empty into drains, ponds and in soil! Liquid rests shall be delivered to the waste drop-off point. Rests of dry products and empty containers shall be recycled as common construction waste, in accordance with the Law.

The authenticity of this information is based on laboratory tests and practical knowledge. The quality of the product completely corresponds to the demands of TU U 24.6 – 32318370-005:2007. As a manufacturer, the company isn't responsible for the damage caused by application, which is not in accordance with the directions. The applicability of the product for specific purposes shall be defined entirely by the consumer. Current information loses validity with the issue of a new edition.

