

PROSEPT

professional chemistry

PROSEPT AQUAISOL.

**Water-repellent impregnation for stone – hydrophobic agent.
Concentrate 1:2.**

PURPOSE

PROSEPT AQUAISOL is a water-repellent and moisture-insulating impregnation for mineral building materials. Used to protect building facades, monuments, paving slabs, facing stone, plinths, roofs, and similar surfaces from moisture and environmental impact.

Provides dirt- and water-repellent properties, reduces water absorption, significantly extends service life, and prevents premature aging and deterioration of materials. Reduces the thermal conductivity of materials, thereby saving on building heating costs. Protects against dampness and prevents the formation of efflorescence, mold, moss, and lichen.

Suitable for impregnating any mineral building materials: brick, concrete, slate, aerated concrete, paving slabs, and all types of natural and artificial facing stone.

Also used as an additive in the production of paving slabs, concrete, and plaster mixes to reduce water absorption and significantly increase frost resistance. The impregnation does not impair air exchange. Provides protection for at least 10 years.

MECHANISM OF ACTION

PROSEPT AQUAISOL is a modern, highly effective, multi-component water-based silane/siloxane system, non-toxic to humans and animals. After application and drying, the surface of materials acquires water-repellent properties, while the appearance and vapor permeability of the materials are fully preserved. As a result, building materials gain new properties that significantly improve their performance characteristics. Material moisture content is reduced, frost resistance and service life increase, thermal conductivity decreases, and resistance to atmospheric effects improves. The surface acquires a dirt-repellent effect — contaminants (dust, soot, smoke residue) are easily washed off by rain or water from a hose. This reduces building maintenance costs — heating, washing, cleaning, and scheduled facade repair work.

APPLICATION

PROSEPT AQUAISOL is supplied in concentrated form. To prepare the working solution, dilute the concentrate with water at a ratio of 1:2. Generously apply the water-repellent impregnation from top to bottom using a brush, roller, or sprayer. Two-layer application is recommended. Apply the second layer while the first layer is still wet. The surface must be dry and free of contamination, cement stains, efflorescence, and biological damage (mold, moss, lichen). For cleaning, special PROSEPT products can be used: CEMENT CLEANER for removing cement contamination, SALT CLEANER for removing efflorescence, and FUNGI CLEAN for biological damage.

CONSUMPTION

Consumption of the ready-to-use solution with two-layer application: lime-sand stone – 0.3 L/m², porous concrete/aerated concrete – 0.5 L/m², sandstone – approx. 0.3 L/m², artificial stone – 0.3 L/m², mineral plaster – 0.4 L/m².

COMPOSITION

Water-based silane/siloxane emulsion.

PACKAGING

1 L, 5 L.

SAFETY PRECAUTIONS

When working with the product, use personal protective equipment: goggles and gloves. In case of skin contact, rinse with water.

STORAGE AND TRANSPORTATION

May be transported by any means of transport. Store in tightly closed containers, protected from direct sunlight. Shelf life: 36 months.

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