



BioCoat 1.0 Wood/Stone

TOOLS

Biocoat 1.0 Wood/Stone is supplied ready-to-use. Depending on the substrate Biocoat 1.0 Wood/Stone can be applied with a brush on very rough materials or with a roller (reserved for small surfaces) or with an airless spray gun with a variable spray nozzle. The water repellent performance of the substrate depends on the quantity applied to the surface.

TECHNICAL DATA

Appearance: clear colourless liquid Density: 0.800 kg/l
Binder base: hydrocarbons Solvent base: hydrocarbons
<2% aromatics Flash point: < 65 °C Shelf life: 18 months
from delivery date, at 20 °C Container size: 1-5-1000 L
(Teflon, Polypropylene, P Polyethylene, Stainless steel,
Carbon Steel) VOC value: < 500 g/L

APPLICATION INSTRUCTIONS

Trained personnel should apply the product only.

CONDITION OF SUBSTRATE

The surfaces must be dry. After rain wait for at least 24 hours. Avoid cleaning with acidic or alkaline chemical detergents. Windows should be protected before application of the product.

APPLICATION

Biocoat 1.0 Wood/Stone must be applied at an ambient temperature of at least + 5°C and a relative humidity of 30 % - 80 %. Apply the coating in dry conditions and never in rain. The coating is applied with an applicator. Any mistakes can be rectified within approx. 15 min of application. Most of the time, a single coat is enough to have the performances. The average coverage is ca 50 ml/m², but is highly dependent on the substrate.

During application, only small quantities should be decanted from the original container into the application container. Residues of unused Biocoat 1.0 Wood/Stone should not be returned from the application container to the original container. Traces of water in the applicator should also be avoided. Applicators dampened with water should not be used. If dirt appears on the applicators during coating, they should be replaced with clean applicators to avoid dirt entering the Biocoat 1.0 Wood/Stone coating. If the solution in the application container solidifies or a deposit forms, it can no longer be used. Solutions that are no longer useable must be disposed of properly. Biocoat 1.0 Wood/Stone is dry-to-touch after about one hour.

REMOVAL

Removal of cured material is possible with the Bioclean Remover.

SAFETY INSTRUCTIONS

The instructions on the accompanying Safety Data Sheet must always be followed

TECHNICAL SERVICE

Our Application Department is available to answer technical questions on performance, use and chemical specifications.

PROPERTIES

- Permanent clear coating
- Durable masonry protection
- Outstanding resistance to ageing agents
- Water repellent; Beading effect
- Vapour permeability
- High durability
- Maintenance cost saving
- Easy to apply
- Protection against efflorescence, algae, fungi development

Biocoat 1.0 Wood/Stone is a clear, ready-to-use coating that protects facades from physical and chemical damages. Biocoat 1.0 Wood/Stone forms a permanent monomolecular layer that inside the capillaries that make the pore surface water-proof without closing them completely, and thus with no modification of the initial aspect of the material.

USE

Biocoat 1.0 Wood/Stone is particularly suitable for wood, mortar, limestone, sandstone, concrete, mineral plasters, clay and siliceous bricks.

Typical applications for Biocoat 1.0 Wood/Stone are surfaces like

- Buildings - Wooden fences - Verandas