



Surface Technologies

Technical Process Bulletin

HYDRO SEALANT RB

IMPREGNATING AGENT BASED ON SILOXANE IN ORGANIC SOLVENTS

Description

Hydro Sealant RB is a solvent based impregnating chemical, specially developed to give hydrophobic properties to constructions, for which the material becomes waterproof but the damp transport stays intact.

Properties

Hydro Sealant RB makes all natural materials impermeable for water and gives a good protection against contamination and does not block the pores.

Hydro Sealant RB can be used on vertical and strong inclining surfaces, consisting of porous non-painted surfaces: stone, brick, concrete, mortar, sandstone, cement, terracotta, tiles...

Hydro Sealant RB can be used to impregnate facades, monuments, statues, roofs...

The visual aspect of the materials is not changing, which lets the walls breathe, and so become 'self-cleaning'.

Hydro Sealant RB prevents dirty spots, efflorescences, algae, moss, fungus,.. as well as harmful effects of frost.

Hydro Sealant RB has a long durability and increases the isolation capacity of the materials (more than 5 % humidity in a material decreases the isolation capacity with 30 %).

Consumption can be estimated as 0,5 – 1 L/m² depending of the porosity of the surface.

Characteristics

Appearance:	colourless liquid
Density:	0,77 kg / L
Flash point:	27 °C
Storage:	5 – 30 °C
Colour:	colourless
Shelf life:	1 year in closed packaging

Application

Surfaces to be treated need to be clean and free from grease; therefore a cleaning procedure prior to impregnation with **Hydro Sealant RB** is recommended.

All non-treated surfaces need to be covered, such as windows, window-sills, blue freestone, thresholds... Do NOT apply on non-porous or painted surfaces.

Hydro Sealant RB is supplied ready for use and can be applied 'wet in wet', ideally using low-pressure spray equipment, while making sure the surface of the substrate is completely saturated with the product; we recommend not to use a brush, as the effectiveness of this method isn't very satisfactory.

Remove spills immediately with white spirit. The product contains inflammable solvents; do not smoke during application.

Ideal working conditions are obtained between 15 – 25 °C

Drying time: 6 to 10 days depending on the temperature and humidity.

Packaging

200L / 1000L

Safety

Please check the detailed Material Safety Data sheet for this product, prior to application.

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