



HydroBlock SB

PRODUCT DESCRIPTION HydroBlock SB is a solvent based impregnating agent (hydrophobic solvent). Alkali-resistant modified silane-siloxane based impregnating agent that penetrates well into the substance and reacts chemically with the substrate. Very suitable for “tight” mineral surfaces. It creates a water-repellent surface that prevents capillary penetration of rain and splashes of water into the structure.

- PROPERTIES**
- High “water-pearling” effect
 - Allows water vapour coming from inside the structure to pass through
 - Reduces salts moving to the surface of the structure
 - Does not form a superficial film
 - Reduces the growth of algae and green discolouration
 - Prevents frost damages

- USE**
- Facades
 - Floors in e.g. warehouses
 - Roofs of fibre cement, concrete and clay
 - Paving stones
 - Other materials of mineral origin, such as bricks, sand-lime bricks, mortar, sandstone, granite, and mineral plaster/render

TECHNICAL DATA

Composition	Silane-siloxane
Packaging sizes	5 l, 25 l
Spreading rate	4 - 8 m ² /l
Density	0,8 kg/l
Penetration depth	2 – 18 mm depending of substrate
Colour	Colourless

Spreading rate

Recommended for roofs, facades and paving stones		
Product	Theoretical spreading rate	Wet
HydroBlock SB	5 m ² /l	200 µm

The practical spreading rate depends on the porosity of the material

Drying time

Wet layer thickness 200 µm	20° C / 65 % RH
Touch dry, after	~1 – 2 hours
Dry	~4 - 6 hours
Fully cured, after	~6 days

The drying time depends on layer thickness, temperature, relative air humidity, and air circulation

Storage

Cool, protected from frost, in tightly closed packaging, and out of reach of children

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APPLICATION DETAILS

Pre-treatment/cleaning	<p>Clean the surfaces from dirt, dust and salts. Clean the surface with Iso A-Clean according to instructions.</p> <p>The surface must be totally dry, clean and absorbing to ensure good penetration.</p> <p>Soak the surface with HydroBlock SB till saturation point by spraying "wet on wet".</p> <p>Avoid application of the product in presence of strong wind or rain as this may cause stains or blotches.</p> <p>A surface already treated with a water-repellent product will not allow the penetration of other impregnating agents (hydrophobic solvents).</p> <p>Liquid not absorbed can cause stains on the surface – these are very difficult to remove.</p> <p>All splashes, if any, must be wiped away from windows immediately. It is recommended to cover windows before applying HydroBlock SB.</p> <p>Newly plastered or rendered walls must be fully hardened and dry before the application of HydroBlock SB.</p>
Application conditions	<p>The temperature must be between 8° C and 30° C and relative humidity <85 % RH</p>
Application method	<p>Brush, roller or low-pressure sprayer</p> <p>When using brush or roller, the application is more difficult due to the low viscosity (à la water).</p> <p>When using spray, apply at low pressure. Adjust the pressure, so that you avoid an atomisation.</p> <p>Always use a respirator to avoid inhalation of aerosol.</p> <p>Always make a test coat to ensure the compatibility of product and surface.</p>
Stirring	<p>Not to be stirred</p>
Dilution	<p>Do not dilute – use as it is</p>
Cleaning of equipment	<p>Clean with odourless kerosene</p>

ENVIRONMENT	<p>Avoid spillage into drains, water systems and soil. Destroy liquid waste according to the local regulations. Recycle or dispose of empty, dry cans in accordance with local regulations</p>
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