



# HydroBlock WB

**PRODUCT DESCRIPTION** HydroBlock WB is a water-based impregnating agent (hydrophobic solvent) that creates a water-repellent surface. Alkali-resistant modified silane-siloxane based impregnating agent that penetrates well into the substrate.

- 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

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**TECHNICAL DATA**

Composition	Silane-siloxane
Packaging sizes	5 l, 25 l
Spreading rate	4 - 8 m <sup>2</sup> /l
Density	1 kg/l
Penetration depth	2 – 18 mm depending of substrate
Colour	Colourless

Spreading rate

Recommended layer thickness - roofs, facades and paving stones		
Product	Theoretical spreading rate	Wet
HydroBlock WB	5 m <sup>2</sup> /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 day
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. Soak the surface with HydroBlock WB till saturation point by spraying “wet on wet”. 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. All splashes, if any, must be wiped away from windows immediately. It is recommended to cover windows before applying HydroBlock WB.</p> <p>Newly plastered or rendered walls must be fully hardened and dry before the application of HydroBlock WB.</p>
Application conditions	<p>The temperature must be between 8° C and 30° C and relative humidity &lt;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. When using spray, apply at 0,5 – 1 bar. 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>Water and soap</p>

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<b>ENVIRONMENT</b>	<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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