



WOOD HYDRO SHIELD COLOUR

1-layered wood protector

Durable and breathable. For outdoor use.

DESCRIPTION

Finish and protection all-in-one in 1 coat.

Water-based wood protector, breathable, beading and water-repellent.

Protects wooden surfaces against weathering, rainwater, UV radiation, fungal attack and green deposits.

Maintain the visibility of wood grain.

The gloss level is determined by: choice of colour, structure and absorbance of the wood, and application method.

Easy to apply without primer, does not flake off and significantly extends maintenance intervals.

Colours:

Decorative, available in various colours (see colour chart)

Colourless versions available under the name **WOOD HYDRO SHIELD CLEAR** (see technical datasheet)

Application areas:

Exterior finishing of garden houses, chalets, fences, railings, windows, doors, carports, wooden facades, balconies, furniture...

Standards:

Test reports available

• Durability:

EN 927-6: Certified product according to EN 927-6:

Accelerated climate test for checking the resistance of the coating, which should show only minimal weathering after 2000 hours QUV. Result: excellent.

• Antifungal and green attack:

Internal test ACH-104: **HYDRO SHIELD COLOURS** is effective and provides appropriate protection against fungi *Aspergillus awamori* and *Penicillium rubens* under all conditions.

Other benefits

- 1-layered
- 1-component, matt or slightly silk-glossy
- Optimal wood absorption and saturation
- Quick-drying
- Environmentally friendly
- Slows down the ageing of the wood
- User-friendly

Properties

- pH 7 - 8
- Viscosity: approx. 1500 mPa.s ± 500 mPa.s
- Odour: very light
- Density: approx. 1.15 g/cm³ (at 20 °C)
- VOC: < 30 g/l (According to EU 2010/75 indoors)
Limit value EU 2007/2010 outdoor = 300 g/l
- Plasticiser-free, Fluorine-free

USE

Preparation

General: Before application, the wood to be treated must be clean, dry, grease-free and in sound condition. Non-autoclaved wood should be treated on both sides.

Make sure that all parts of the surface are covered with the product.

Application

• By brush or roller:

Apply once and evenly.

• By sponge:

using gloves, dip the sponge into the product and apply homogeneously.

• By spray:

Dilute the product as needed to the desired viscosity with a maximum of 25% water.

Indicative settings: Nozzle opening 1.6 to 2.2 with a head-up gun pressure 2 to 3 bar. Use only stainless steel parts (couplings, seals...).

• Vacumat:

Dilute the product with water to comply with DIN 4: 25 sec with a maximum of 25% water.



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Drying

- Air-dry above 10 °C for at least 24h. Totally cured after 4 days.
- Dust-free after 2 - 6 hours.
- Avoid water contamination on the treated surface during the above drying times.
- Apply at a Relative Humidity < 85%.

Consumption

- Depending on the porosity and density of the wood, consumption may vary: 70 - 100 g/m². Yield: 10 - 14 m²/l (1 coat is sufficient)

STORAGE AND SHELF LIFE

- Store in a dry place, in the original packaging, at a temperature between 5 and 25°C.
- The product is frost-sensitive, use frost-free storage and transport.
- Keep away from direct sunlight.
- In unopened original packaging, the shelf life is 1 year after production date at a temperature between 5 °C and 30 °C.

SAFETY

- Only use this product after taking note of the safety data sheet.
- Keep out of the reach of children. Ensure good ventilation during processing and drying. Avoid eating, drinking and smoking while processing the product. In case of contact with eyes and skin, rinse immediately with plenty of water. Do not allow product to enter drains, waterways or soil. Use P2 dust filter when sanding.

WASTE DISPOSAL

- Only recycle empty packaging. Dispose of liquid material residues at the collection point for old paint/lacquer, dispose of dried material residues as construction and demolition waste or as municipal or household waste.

WOOD HYDRO SHIELD COLOUR
ARIOMAT
Wood
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SOBELTEC
powered by 
Klein Frankrijkstraat 43
B-9600 Ronse
info@sobeltec.be

IMPORTANT ANNOUNCEMENT:

All information in this document is believed to be accurate, but its accuracy or completeness is not guaranteed and no warranty is given with respect thereto. We are not liable for any loss or any damage caused by the use of the product. Own tests must be carried out before each treatment. Given the versatility and diversity of the respective working conditions and materials used, we cannot cover every single case in our description. We reserve the right to change the composition of our products and the accompanying technical documentation, of which only the latest version becomes applicable, and this without prior notice.