

W-GARD Wood Stain



Waterborne wood stain / primer for exterior

- Protect wood against water penetration
- Excellent protection against weathering
- Quick drying
- Highlights the structure of wood

Product description

Semi-transparent, fast-drying, waterborne wood stain/primer suitable for window frames, doors, claddings, panels and other wooden surfaces. It forms a thin film and can be tinted in a wide range of colors. W-GARD Wood Stain highlights the natural look of wood and provides protection for painted surfaces against moisture, weathering, and exposure to ultraviolet radiation. It can be used for both priming and top coating. W-GARD Wood Stain provides protection against water penetration into the wood and helps prevent cracking.

Not recommended for finishing horizontal surfaces that are subject to stress, such as terrace or exterior floorings

W-GARD Stain **intended for industrial and professional use**. Suitable for fast dyeing lines, drying both at elevated temperature and room temperature

Area of application	Outdoor
Binder	Acrylic / Polyurethane alkyd
Volume Solids	10%
Weight Solids	11%
Density	1,012 kg/l
Washability	Class 1 (EN 13300)
Thinner/Cleaning	Water
Temperature at painting	Minimum +5°C
Tools for painting	Brush, roller, spray or dipping
Shelf life	2 years in unopened tin, frostless storage
Colour	Transparent, tintable in shades intended for outdoor use
Flammability	Not flammable
VOC category	(Cat. A/d): <10g/L
Material consumption	6–14 m ² /L ,practical coverage depends on the application method, conditions and the shape and roughness of the surface to be treated
Dust dry	1 h
Re-paintable	1-2 h (+20 °C); 30-40 min (+40 °C)

How to use

Surface preparation and application conditions

Surface must be clean and dry (moisture content in the wood 18-20%). Air, surface and material temperature should be above +5°C and the relative humidity during application and drying should be below 70%.

Raw wood surfaces. For optimal durability, before painting, smooth the wood surface by sanding it with 80-120 grit sandpaper in the direction of the fibers. Clean it thoroughly and remove wood extracts, such as resin pockets. Round off sharp edges and corners.

If necessary, wash the surface with a suitable cleaner or water. In case of black mould or algae stains, treat the surface with an anti-mould disinfectant, rinse thoroughly with water, and allow it to dry completely.

Recommended painting systems

Primer coat : 1x W-GARD Wood Stain

Top coat : 1x W-GARD Wood Stain vai 2x W-GARD Cover 30

Application

Stir well before use. The product is recommended to be used without thinning but can be thinned with water if necessary, up to 5-10%. When used as a primer, apply it in one layer at a rate of 75-120 g/m² (with a dry film thickness of 5-10 µm). Apply preferably two coats. If W-GARD Wood Stain is used as a topcoat, it should be applied in two coats of 2x (75-120 g/m²), with a dry film thickness of 10-20 µm. Avoid application on hot or sunlit surfaces.

Repaint after 1-2 hours. Allow the surface to dry before applying the next layer. Drying times is related to the wet film thickness, the relative humidity of the air, temperature and color shade.

Transportation and storage

Store in dry and cool place in unopened original packaging. Protect from frost. Shelf life 2 years from the date of manufacture.

Environmental and labor protection, waste collection

Use personal protective equipment. Ensure good ventilation when sanding treated surfaces. Wipe instruments thoroughly before washing with water. Close the jar carefully after use and keep it out of the reach of children. Liquid residues must not be drained

into the sewer but must be taken to a local collection point.

Recycle empty, dry cans or dispose them of in accordance with local regulations.

Protect the environment, like we do!

Harmful to aquatic life with long lasting effects. Keep out of reach of children. Avoid release to the environment. Dispose of contents/container in accordance with local regulations.

Contains biocides: BIT, C(M)IT/MIT (3:1). Contains biocidal product for the preservation of dry-film: IPBC. May produce an allergic reaction.

This product contains a maximum of 130 g VOC/L. The limit value is 130 g VOC/L (cat. A/e).

The above information is based on our existing knowledge, laboratory tests, experience and information that the manufacturer has been able to provide at the time of preparing the product specification. The manufacturer's management system is certified and complies with the international standards ISO 9001 and ISO 14001. The manufacturer and the distributor have no control over the conditions of use or other factors that may affect the use and application of the product. The buyer/user is responsible for the suitability and use of the product. Please note that all of the above concerning the use of the product is dependent on the correct preparation of the surface and the surrounding environment.