

WASSERLASUR
WATER-BASED WOOD PRESERVATIVE

3049-a November 2014

Description

Product: WASSERLASUR is a water-based, weather-resistant preservative for the protection of outdoor wood. It is particularly recommended to use for carpentry and wood constructions.

Applications: For transparent treatments of outdoor wood not in constant contact with the soil or water, for example for coverings, garage doors, etc. Amonn Wasserlasur is also recommended as an intermediate basecoat for treating elements with dimensional stability such as external doors and windows.

The new structuring makes the product capable of minimising the phenomenon of wood silvering and special coloured pastes provide a more even, uniform surface. WASSERLASUR regulates the exchange of moisture between the air and the wood and provides good UV radiation protection.

Colours: 00 colourless, 01 oak, 02 larch, 03 chestnut, 04 walnut, 10 light walnut, 27 teak, 35 wenge, 42 green, 91 covering white

Packaging: 0,750 l – 2,5l – 5 l – 25 l in metal tins. Also available 100*l and 1000*l (*by order only).

Technical data

Specific weight: approx. 1,02 g/cm³ at +20 °C, depending on colour

Flash point: >100 °C.

Viscosity: ca. 50/s, DIN 53 211, 2 mm at +20 °C

Drying time after about 2 hours according to the type of wood, the quantity of paint applied and the atmospheric conditions. In low temperatures and/or high humidity, the drying time is prolonged proportionally.

Odour: very weak odour; odourless once dry.

Storage: 3 years in intact containers. Store at a cool temperature protected from frost. Close partially used tins carefully; keep away from food, drink and animal feed. Store only in original tins and keep out of reach of children.

How to apply

General: mix the product well before use. Do not work at temperatures below +10°C (environment, surface or product).

Application systems: impregnating machine, brush

Surface preparation: WASSERLASUR contains preservatives in order to protect the film from microorganisms and can therefore only be used outdoors. Application of a wood-protection primer such as colourless HYDROGRUND PLUS provides the surface with biological protection (When a protective product for wood is required legal regulations concerning workplace and environmental safety must be complied with and all the information provided on the safety sheet and packaging should be observed.) The wood to be treated must be dry and free from dust and grease. Do not apply to wood with a moisture content over 18%. Completely remove any old film-forming paint or varnish. The inner substances in some types of tropical wood, for example iroko teak and native wood (for example oak, chestnut) can cause colour variations, we recommend to create a sample before application. In the case of wood with different absorption rates we recommend one hand of WASSERLASUR colourless.

Application advice: if large surfaces or highly absorbent types of wood are to be treated, moisten the wood with a damp sponge before application. To avoid leaving re-start marks, treat the surface along its total length following the direction of the grain. End-grain wood should be treated with more coats of WASSERLASUR to reduce water-absorption as much as possible. Metal fixings (nails, screws, hinges) and other metal parts that may come into contact with the product must be in a corrosion-proof material.

Recommended treatments:

New outdoor wood with partial or without dimensional stability:	1x 1-2x	HYDROGRUND PLUS WASSERLASUR, colored
New painting of outdoor wood with partial stability	1x 1-2x 2x	HYDROGRUND PLUS WASSERLASUR, colored AQUATOP (if more than one hand is used we recommend intermediate sand down, 280 grain)

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Restoration of outdoor wood with partial or without dimensional stability:	Remove any poorly bonded paint or varnish; clean and sand down the surface to improve adhesion. Then 1-2x WASSERLASUR, colored If the wood has been restored as new, follow the instructions for new wood.
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Colourless WASSERLASUR does not contain any pigments and does not provide any UV radiation protection. It is therefore advisable to use this outdoors only as a top coat on coloured paint or to lighten dark shades. Medium shades tend to be more weather resistant. Very light or very dark shades should be avoided in environments with extreme climatic conditions.

The effect of individual colours will vary with the type of wood and weathering. Therefore, it is always advisable to do a test application. We recommend checking the state of outdoor paint 2 years from application, particularly for items with south-west exposure and restore these if necessary.

If using white paint it is essential to apply at least 2 coats of the product to minimise the wood yellowing effect. The choice of a more covering paint and a deeper shade of white considerably prevents the original colouring of the wood reappearing.

The colour 91 covering white has been particularly studied for the application by impregnating machine. The best result is obtained by application of two hands but the specially studied formula permits to obtain an intense white and uniform surface, durable in time, even using only one hand applied by impregnating machine. The phenomena of yellowing is limited after application.

Consumption: 10-12 m²/l per coat, according to the absorption of the wood.

Dilution: WASSERLASUR is ready to use and must not be diluted.

Tool cleaning: with water and soap immediately after use. Cleaning residues should be disposed of as prescribed by current regulations.

Special instructions

Pay attention to the safety data sheet. Cover electrical switches and cables properly to avoid short circuits. Do not dispose of in water courses. Keep out of the reach of children. In the event of contact with the eyes, rinse immediately and thoroughly with water. After use wash the hands and face thoroughly with water or a suitable cleanser.

Waste Disposal: European waste catalog number 08 01 12. Do not dispose of as domestic waste but at special waste collection centres, particularly dirty containers and residues of material. (waste paint and varnish).

Water hazard class: class 2 (WGK 2), self classification: dangerous. Do not dispose of in the sewerage and drainage system in soil or in water courses.

VbF classification: not applicable.

ADR/RID: not applicable.

The above instructions are consistent with the most recent information on the development and use of our product. Because we have no control over the onsite use and application of the product, we may only be held liable for the quality of the product as supplied. If in doubt please contact our technical consultancy service.