

HYDROTOP

Water-based wax-effect finishing treatment

3034-a March 2025

Description

Product: HYDROTOP is a water-based, acrylic-polyurethane wax effect finish for the protection and enhancement of wood.

Fields of use: for all types of wood both indoor and outdoor. Particularly recommended for external windows and doors. It should not be used indoors in extremely humid environments such as covered swimming pools, saunas, etc.

Certifications: EN 71-3 Toy safety. Migration of certain elements.

Protection: HYDROTOP protects wood from moisture and UV radiation.

Colours: 0-colourless, 01-oak, 04-walnut, 27-teak, 30-birch, 32-apricot, 91-covering white

Packaging: 0.75 l - 2.5 l - 5 l - 25 l* – metal tins (*only in 00 colourless, 30 birch, and 91 covering white).

Technical Data

Specific density: about 1.04 kg/l, at +20 °C, for transparent versions; about 1.25 kg/l, at +20 °C, for 91-covering white.

Flash point: not applicable.

Viscosity: 150-200 s/DIN 53211, 4 mm, at +20 °C, depending on colour.

Gloss level: satin gloss

Drying time: after about 2-4 hours according to the type of wood, the quantity applied and the atmospheric conditions. At low temperatures and/or high humidity, the drying time increases proportionally.

Odour: weak odour; odourless once dry.

Storage: 3 years in originally sealed containers. Store at a cool temperature protected from frost. Close partially used tins carefully; if there is a particularly large air space transfer to smaller containers.

How to apply

General: Stir product well before use. Do not work at temperatures (ambient, surface, and product) below +10 °C.

Application systems: brushing, spraying.

Surface preparation: 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%. Remove any poorly anchored old paint or varnish. Clean any resinous areas or pockets on the surface with nitro thinner.

Application advice: wood intended for exterior use should be pre-treated with a protective primer such as HYDROGRUND PLUS, chosen based on the risk level (refer to the relevant technical data sheets and strictly follow the guidelines provided). Wood installed in indoor environments generally does not require protective base treatments, except in specific cases: confirmed insect infestations, construction elements installed in damp environments or those exposed to water splashes (such as shower rooms), and the use of wood species rich in starch (typically hardwoods, such as abachi, limba, ramin, and oak sapwood).

In the case of use on external doors and/or windows, it is recommended to use AQUALIGNEX I or HYDROGRUND PLUS as a base coat.

In the case of application on wood rich in extractives (tannin) such as Oak, Hemlock, Iroko, etc., particularly with white or light colours, it is advisable to use HYDROTOP PRIMER (refer to the technical data sheet).

In the case of brush application on large surfaces or particularly absorbent woods, moisten the substrate with water and apply the product following the grain direction to prevent visible overlaps. On end grain wood, it is necessary to increase the number of coats of HYDROTOP, to minimize water absorption as much as possible.

Metal fixings (nails, screws, hinges, etc.) used on the surface to be treated and other metal parts that may come into contact with the product must be in a corrosion-resistant material.

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Recommended treatments:

- New outdoor wood with dimensional stability:	1-2 x Hydrogrund Plus 1-2 x Aqua Lignex I 1-2 x HYDROTOP, (if more than one hand is used we recommend intermediate sand down, 280 grit)
- New indoor wood:	1-2 x HYDROTOP; depending on the degree of finish desired (if 2 coats, intermediate sanding, grit 280).
- Renovations on wood outdoors with partial or full dimensional stability:	Remove the parts of the previous coating that do not adhere well to the substrate; clean and sand the surface to improve adhesion. Then 1-2x HYDROTOP (if more than one hand is used we recommend intermediate sand down, 280 grit) If the wood has been restored as new, follow the instructions for new wood.
- Renovations on wood indoors with partial or full dimensional stability:	Remove the parts of the previous coating that do not adhere well to the substrate; clean and sand the surface to improve adhesion. Then 1-2 x HYDROTOP, depending on the condition of the substrate and the desired degree of finish (if 2 coats, intermediate sanding, grit 280). If the wood has been restored as new, follow the instructions for new wood.

HYDROTOP colourless does not contain pigments and therefore offers no protection against UV rays; thus, it is advisable to use it outdoors only as a final coat over a coloured system or to lighten dark shades. The effect of individual colours will vary with the type of wood and therefore it is always advisable to do a test application. It is always advisable to regularly inspect the condition of the paintwork, especially on objects exposed to the southwest, and perform maintenance as needed.

Consumption: approximately 10 m²/l per coat

Dilution: HYDROTOP is ready for use.

Overpainting: under normal conditions, it can be sanded and overpainted after about 4 hours.

Tool cleaning: with water, immediately after use.

Special instructions

Even when applying products that are low in harmful substances, the usual precautions for painting work should be observed; always provide sufficient ventilation. Cover switches and power lines well to avoid short circuits.

As for window and door seals, silicone rubber seals are recommended. For cleaning surfaces painted with HYDROTOP, do not use products containing alcohol, solvents, or those with acidic or basic properties. Use only water with neutral soap or light, neutral detergents.

Information on disposal, hazard class for water, hazard class according to VbF and ADR/RID can be found in the safety data sheet, available at <https://myamonn.amonncolor.com/>.

The above instructions reflect the latest 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.