

HYDROTOP

Water-based finish with wax effect

3034-in January 2016

Description

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

Fields of use:for all types of wood inside and outside; it is particularly suitable for windows and external doors. Inside, rooms with very high and permanent humidity, such as indoor swimming pools, saunas, etc. are excluded.

Certifications:EN 71-3Toy safety. Migration of some elements. **Protection:**HYDROTOP protects the wood from humidity and UV radiation. **Tints:**0-colorless, 01-oak, 04-walnut, 27-teak, 30-birch, 32 apricot, 51-white. **Packaging:**0,750 l - 2,5 l - 5 l - metallic cans. To order: 25 l - metallic cans.

Technical data

Specific weight:ca. 1.04 kg / l, at +20 ° C, for the transparent versions; ca. 1.25 kg / l, at +20 ° C, for 51-white. **Flash point:**Not applicable.

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

Brilliance: silky.

Drying: after 2-4 hours, depending on the type of wood, the quantity applied and the weather conditions. With low temperatures and / or high humidity the drying time lengthens proportionally. **Odor:** own faint smell; odorless after drying.

Storage:3 years in original closed packaging. Keep cool, but protected from frost. Close partially used jars well; if the bladder is excessively large, transfer to smaller containers.

Application Notes

Generality:mix the product well before use. Do not work with temperatures (environment, substrate and product) below +10 ° C.

Application systems:brush, spray (cup)

Preparation of the substrate:the wood to be treated must be dry and free from dust and grease. Do not apply on wood with humidity higher than 18%. Eliminate old paints that are not well anchored. Clean any resinous areas or pockets on the surface with nitro thinner.

Application tips: wood intended for outdoor use must be pre-treated with a protective base such as HYDROGRUND PLUS, chosen according to the degree of risk, (consult the relative technical data sheets and strictly follow the instructions given).

The wood installed indoors does not normally require treatments with protective primers, except in special cases: attack ascertained by insects, building elements installed in humid environments or subject to splashes of water (eg., shower rooms), use of woody species rich in starch (typically broad-leaved trees, such as, for example, abachi, limba, ramin, oak sapwood).

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

In the case of application on woods rich in extractives (tannin) such as Oak, Hemlock, Iroko ea, especially with white or light colors, it is recommended to use HYDROTOP PRIMER (consult the technical data sheet).

In the case of brush application on large surfaces or on particularly absorbent woods, moisten the substrate with water and apply the product in the direction of the grain, to prevent the rests from showing. On end grain it is necessary to increase the number of coats of HYDROTOP, to reduce the absorption of water as much as possible.

The hardware (nails, screws, hinges, etc.) possibly used on the substrate to be treated must be made of corrosion-resistant material, as well as the other metal parts that may come into contact with the product!

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Recommended cycles:

- New wood on the outside with dimensional stability:	1-2 x Hydrogrund Plus 1-2 x Aqua Lignex I 1-2 x HYDROTOP, with 280 grain intermediate sanding.
- New wood inside:	1-2 x HYDROTOP; depending on the degree of finish desired (if 2 coats, intermediate sanding, grain 280).
- Renovations on wood outdoors with partial or total dimensional stability:	remove the parts of the previous painting that do not adhere well to the substrate; clean and sand the surface to improve adhesion. Then 1-2 x HYDROTOP, with intermediate sanding (280 grain). If the wood has been refurbished, refer to the new wood cycles.
- Renewals on wood inside with partial or total dimensional stability:	remove the parts of the previous painting 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 degree of finish desired (if 2 coats, intermediate sanding, grain 280). If the wood has been refurbished, refer to the new wood cycles.

HYDROTOP colorless does not contain pigments and therefore offers no protection against UV rays; therefore, outdoors, it is advisable to use it only as the last coat of a colored cycle or to lighten dark colors. The effect of the individual colors is differentiated according to the wood species; therefore a test painting is always recommended. It is always a good idea to regularly check the state of the paint, especially that of the artifacts exposed to the southwest and carry out maintenance if necessary.

Consumption: ca. 10 m² / l per coat.

Dilution: HYDROTOP is ready for brush use; if necessary, dilute with water.

Overpaintable: under normal conditions, after approx. 4 hours it can be sanded and painted over.

Cleaning of tools: with water, immediately after use.

Special instructions

Even during the application of products low in harmful substances it is necessary to observe the usual precautions foreseen for painting works; always provide for sufficient ventilation. Cover switches and power lines well to avoid short circuits.

As regards the gaskets of the doors and windows, the use of silicone rubber gaskets is recommended. To clean surfaces painted with HYDROTOP do not use alcohol or solvent based products or acid or basic products. Use only water with mild soap or mild neutral detergents. Prevent the product from polluting water courses and waste water or from penetrating into the ground.

Water hazard class: WGK 1 slightly dangerous (Self-classification).

Classification according to VbF: fails. ADR /

RID: Not applicable.

The aforementioned indications correspond to the most recent state of the art in development and use. Since the use and application of the products are beyond our sphere of influence, we are only liable for the consistent quality of the products. If in doubt, please ask for our technical advice.