

HYDRO OIL

Fast drying water based oil for outdoor wood

3076-in Februar 2021

1. Description

Product: LIGNEX HYDRO OIL is a water-based hybrid oil, decorative, resistant to atmospheric agents and is ideal for the first treatment and maintenance of facades, terraces, outdoor garden furniture. Thanks to its special UV absorbers, it offers high protection from the sun's rays and also protects against humidity and bad weather.

LIGNEX HYDRO OIL contains active ingredients that protect the film from microorganisms.

Fields of use: for the transparent treatment on wood from dimensionally unstable to stable, without direct contact with the ground and water. Particularly suitable for softwoods and woods with low tannin content.

Property: leaves the wood open pore, penetrates deeply and offers good abrasion resistance. It does not flake and allows easy maintenance.

Tints: 00 colorless and the possibility of other colors with the Colormix system: 01 oak; 02 larch; 04 walnut; 10 light walnut; 13 pine; 27 teak; 82 moss gray; 85 light gray; 86 dark gray; 87 brown gray; 88 quartz gray

Packaging: 0.95 L colorless; 2.38 L; 4.75 L; - colored 1 L; 2.5L; 5L in metal cans

2. Technical data

Density: ca. 1.01 g / cm³, at +20 ° C.

Viscosity: 49 s / DIN cup, 2 mm at +20 ° C

Drying: dust free after approx. 1 hour, can be handled after approx. 2 hours recoatable after 4 - 48 hours. High atmospheric humidity and / or low temperatures slow down the drying time. In case of use on some tropical woods, eg. teak, massaranduba, iroko, ipe etc. as well as on some native woods such as eg. oak, chestnut etc. drying delays of up to several days may occur.

Odor: own faint smell; odorless after drying.

Storage: 18 months in intact packaging. Keep cool, but protected from frost. Close partially used jars tightly. Store away from food, drink and feed. Only store the original packaging intact and out of the reach of children.

3. Application Notes

General indications: mix well before and during use.

Application system: fits perfectly.

Application temperature: +15 - 30 ° C (room temperature, substrate and paint)

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 15%. Eliminate old paints that are not well anchored. Clean any resinous areas or pockets on the surface with nitro thinner.

Application tips: On end wood it is necessary to increase the number of coats of LIGNEX HYDRO OIL to reduce the absorption of water as much as possible. Hardware (nails, screws, hinges, etc.) that could come into contact with the product must be made of corrosion-resistant material. LIGNEX HYDRO OIL is particularly suitable for soft and hard woods with little tannin, on exotic woods there may be delays in drying, therefore it is essential to carry out a test in advance.

Recommended cycles:

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| - New wood on the outside: | Sand with 150 - 180 grit then apply 1 - 3 x LIGNEX HYDRO OIL (50 - 80 g / m ² per coat) |
| - Maintenance: | Clean the substrate then apply 1 - 3 x LIGNEX HYDRO OIL (50 - 80 g / m ² per coat) |

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| - Restoration: | Bring the wood back to its raw state by eliminating any residual layer of paint. Clean the surface and sand to ensure better oil penetration, then apply 1 - 3 x LIGNEX HYDRO OIL (50 - 80 g / m ² per coat) |
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Caution:

LIGNEX HYDRO OIL colorless does not contain pigments and therefore offers little protection from UV rays despite its UV absorbers, so use only outdoors as a finish of a colored cycle or to lighten color tones. The natural color of the wood can affect the final result, so the effect of the color should be checked in advance with a test coat. Check heavily exposed wooden surfaces regularly, especially on the sides exposed to the weather (southwest) and treat if necessary. **Surrender:** 12 - 18 m² / L per liter per application (depending on the absorbency of the wood and the amount of application). **Dilution:** LIGNEX HYDRO OIL is ready to use. It must not be diluted. **Cleaning of tools:** with water immediately after use.

4. Special instructions

Do not apply on wood intended to come into contact with food, feed or drinking water. Not suitable for woods intended for use in hives, greenhouses and saunas. The product is toxic to fish and to animals that feed on fish. Do not proceed with applying the product in unprotected places. Do not apply in the immediate vicinity of water courses. The product cannot be thrown into water. Do not pour on the plants. Not to be sold in bulk. During use, adequately protect the face, hands and eyes, ensuring sufficient ventilation in the workplace. In case of accidental contact with eyes or skin, rinse immediately with plenty of water. Keep out of the reach of children. Shield switches and electrical cables, and protect them from short circuits. To clean surfaces painted with LIGNEX HYDRO OIL, do not use alcohol-based or solvent-based products or products with an acid or basic character. Use only water with mild soap or mild neutral detergents. To clean the systems, use Amonn Detergent and tap water.

Classification according to VbF: Not applicable.

Disposal: Do not dispose of the product with household waste, do not put the product in the sewers, in the waters and in the soil. In case of leakage or spillage of the product, collect the liquid with absorbent material and dispose of according to the regulations in force. Dirty product packages must be disposed of at a collection center for hazardous materials. **Water hazard class:** Class 2 water hazard (WGK2). (Self-classification: dangerous). **ADR / RID:** Not applicable. **European waste catalog:** 08 01 12.

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.