

LIGNEX® AQUAGEL

Gel waxed impregnating finish

3055-in January 2016

Description

Product: LIGNEX AQUAGEL is an aqua-based acrylic wax effect impregnating finish for wood enhancement.

Fields of use: for all types of wood inside and outside; it is particularly suitable for the renovation of wooden surfaces degraded by exposure to the elements. It does not run.

Certifications: EN 71-3 (safety of toys - migration of some elements). **Protection:**

LIGNEX AQUAGEL protects the wood from humidity and UV radiation.

Tints: 00-colorless, 01-oak, 03-chestnut, 04-walnut, 07-ebony, 10-light walnut, 13-pine, 27-teak, 35-wenge, 48-medium oak, 51 white, 60-ocher, 76-beige, 91-opaque white.

Packaging: 0,750 l - 2,5 l - 5 l - 25 l * (* only the colorless and 51 white shades).

Technical data

Specific weight: 1.04 kg / l, at +20 ° C, depending on the color. **Flash point:** Not applicable. **Viscosity:** thixotropic gel. **Brilliance:** semilucid.

Drying: ca. 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 increases proportionally.

Odor: own faint smell; odorless after drying.

Storage: 3 years in original closed jars. 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.

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 layers of paint that are not well anchored, then sand with coarse sandpaper (60 max. 80). Clean any resinous areas or pockets on the surface with nitro thinner. The extractives contained in some tropical wood species can slow down or even prevent the drying of the paint; in these cases wash the wood very well first with nitro thinner (eg iroko).

Application tips: new wood intended for outdoor use must be pre-treated with a suitable protective base, such as Hydrogrund or Aqua Lignex I, to protect it from attack by the bluing fungus and insects (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).

On end wood it is necessary to increase the number of coats of LIGNEX AQUAGEL, to reduce the absorption of water as much as possible.

Recommended cycles:

New wood on the outside:	1-2 x Hydrogrund Plus 1-2 x Aqua Lignex I 1-2 x LIGNEX AQUAGEL, with intermediate sanding, grain 280
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New wood inside:	1-2 x LIGNEX AQUAGEL, depending on the degree of finish (with 2 coats intermediate sanding with grain 280).
Renovate on wood outside	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 LIGNEX AQUAGEL, with intermediate sanding, grain 280. If the wood has been refurbished, refer to the new wood cycles.
Renovations on wood in the interior:	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 LIGNEX AQUAGEL, depending on the condition of the substrate and the degree of finish desired (if 2 coats, intermediate sanding, 280 grain size).
Renovations on wood outside, particularly degraded by bad weather (wood effect technique):	Clean the surface then 1-2 x Hydrogrund, Plus 1-2 x LIGNEX AQUAGEL with one of the opaque colors (white, ocher, sand) 1 x LIGNEX AQUAGEL in a wood color of your choice

LIGNEX AQUAGEL colorless does not contain pigments and therefore offers no protection against UV rays; therefore, outdoors, it is advisable to use it only as a finishing 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 check the state of the exterior paintwork within 2 years from application, especially that of the artifacts facing south-west.

Consumption: ca. 10 m² / l per coat.

Dilution: LIGNEX AQUAGEL is ready for use by brush.

Overpaintable: under normal conditions, after about 2-4 hours.

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 AQUATOP 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.

Disposal: Dispose of the product and its residues according to the legal provisions. European waste catalog: 08 01

12 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.