

LIGNEX AQUAGEL

Water-based thixotropic long-lasting topcoat

3055-a August 2019

Description

Product type: LIGNEX AQUAGEL is a water-based, thixotropic acrylic top coat preservative for enhancing wood surfaces.

Fields of application: For all kinds of interior and exterior wood; especially for the renovation of weathered wood surfaces. Non-drip.

Certification: EN 71-3 ("Toy Safety – migration of certain elements")

Protective action: LIGNEX AQUAGEL protects against UV rays and humidity.

Colours: 0-colourless, 01-oak, 03-chestnut, 04-walnut, 07-ebony, 10-light walnut, 13-pine, 27-teak, 35-wengé, 48-medium oak, 51-white, 60-ocker, 76-beige, 91-matt white

Tin sizes: 0,75l -2,5l - 5l and 25l* metal tins (*only in the transparent colours and 51 white)

Technical data

Density: 1.04 kg/l. at +20 °C, depending on colour.

Flash point: not applicable

Viscosity: Thixotropic gel

Finish: Semi-gloss

Drying time: after approx. 2-4 hours depending on the type of wood, the amount applied and atmospheric conditions. High humidity levels and/or low temperatures can lengthen drying times proportionately.

Odour: Mild, distinct odour. Odourless when dry.

Storage: 3 years in original sealed tins in a cool place, protected from frost. Close partially used tins well; if the air volume in the tin is excessive, transfer remaining product into smaller tins.

How to apply

General advice: Stir LIGNEX AQUAGEL lightly before use. Do not use at temperatures below 10 ° C (room, substrate and paint temperatures).

Application methods: Brushing.

Preparation of the surface: The wood to be treated must be dry and free from dust and grease. Do not apply to wood with a humidity rate of over 18%. Strip old, badly adhering coats completely then sand with sand-paper (grain 60 max. 80). Remove any resin on the surface with a nitro-thinner. The extracts contained in certain kinds of tropical wood (e.g. iroko) can slow down the drying process; in such cases, first clean the wood carefully with a nitro-thinner.

Advice for application: New wood destined for exterior use should be treated with a suitable wood preservative primer such as, for example, HYDROGRUND PLUS or AQUA LIGNEX I for protection against bluestain and insect attack (please consult the relative technical leaflets and follow the instructions carefully before application).

For interior wood is generally not wood protection is necessary, except in cases of proven infestation by insects, for components in wet areas or in wet rooms (e.g., showers) or for components made of starch-rich hardwood (eg. obechi, limba, ramin,). For end-grain it is necessary to increase the number of coats of LIGNEX AQUAGEL in order to reduce the absorption of water as much as possible. For the colour white we recommend to pre-treat the wood with LIGNEX AQUA ISOLIERGRUND to prevent bleeding of stains by ingredients (tannic acid, resins, etc.) Fittings and other metal parts that may come into contact with the product must be of corrosion-resistant material.

Recommended treatments:

- New outdoor wood	1-2 x HYDROGRUND PLUS 1-2 x AQUA LIGNEX I I 1-2 x LIGNEX AQUAGEL, with intermediate sanding down (280 grain).
- New indoor wood	1-2 x LIGNEX AQUAGEL, according to the degree of finishing required (if using 2 coats, sand down between them, 280 grain).

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- Renovation of outdoor wood	Remove any existing paint or varnish that is not well bonded to the surface; clean and sand down the surface to improve adhesion. Then 1-2 x LIGNEX AQUAGEL, with intermediate sanding down (280 grain). If the wood has been restored as new, follow the instructions for new wood.
- Renovation of indoor wood	Remove any existing paint or varnish that is not well bonded to the surface; clean and sand down the surface to improve adhesion. Then 1-2 x LIGNEX AQUAGEL, according to the state of the surface and to the degree of finishing required (if using 2 coats, sand down between them, 280 grain).
- Renovation badly weathered outdoor wood	Clean the surface to improve adhesion. Then 1-2 x HYDROGRUND PLUS or AQUA LIGNEX I 1 – 2 x LIGNEX AQUAGEL – in opaque colours (white, ochre, beige) 1 x LIGNEX AQUAGEL – in a colour of your choice

LIGNEX AQUAGEL colourless contains no pigments and thus offers no protection against UV rays. It should therefore only be used on exterior wood as a finishing product in coloured cycles or for toning down darker colours. The effect of each single colour depends on the type of wood. It is therefore always advisable to carry out a test coat. For white shades are 2 coats necessary to minimize the wood's yellowing. It is furthermore recommended that the condition of the external paint is checked within 2 years of application, especially on wood exposed the weather-side (south-west).

Consumption: approx. 10 m² /l. per coat.

Thinning: LIGNEX AQUAGEL is ready for use for application by brush.

Overpainting: in normal conditions after approx. 2-4 hours

Cleaning of tools: immediately after use with water.

Special instructions

Always observe the usual precautions when working with paint. During application, protect face, hands and eyes, ensuring that there is sufficient ventilation. Cover all switches and electric wires to avoid short-circuiting. Do not allow the product to reach the sewage system or to seep into the ground. Dispose of the product and the product residue according to regulations.

European waste catalogue: 08 01 12

Water hazard class: WGK 1 low hazard (self-classification).

VbF classification: not classified.

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.