

LIGNEX AQUALASUR ZERO

Water-based impregnating treatment for home environments

30Z1-a May 2020

Description

Product: LIGNEX AQUALASUR ZERO is a protective and decorative water-based impregnating treatment for wood based on superior quality acrylic resins. The transparent version is completely free from solvents and volatile organic compounds (VOCs) and helps keep the environment healthy.

Applications: for the transparent treatment of wood ranging from dimensionally unstable to stable in indoor and covered outdoor environments, particularly suitable for home environments. LIGNEX AQUALASUR ZERO has a silky finish and, if two coats are applied, it protects the surface from domestic chemical products.

Colours: 00 colourless, 01 oak, 02 larch, 04 walnut, 10 light walnut, 27 teak, 35 wenge, 91 covering white

Packaging: 0.75 l and 2.5 l

Technical data

Specific weight: about 1.05 – 1.30 g/cm³, at +20 °C depending on the colour

Flash point: > 100 °C.

Viscosity: 46-52 s, DIN cup, 2 mm at +20 °C

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

Odour: weak odour; odourless once dry.

Storage: 3 years in intact 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: mix the product well before use. Do not work at temperatures below +10°C (environment, surface or product).

Application systems: brush, immersion

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%. Completely remove any old film-forming paint or varnish as they could prevent the product penetrating the wood. For wood in outdoor environments, pre-treat with a wood-protection primer such as HYDROGRUND PLUS (read the warnings on the technical data sheets carefully).

Application advice: if large surfaces or highly absorbent types of wood are to be treated, moisten the wood with a damp sponge before application. To avoid leaving restart marks, treat the whole length of the surface in the direction of the grain. Metal fixings (nails, screws, hinges) and other metal parts that may come into contact with the product must be in a corrosion-proof material.

Recommended treatments:

- New indoor wood:	1-2 x LIGNEX AQUALASUR ZERO
- New outdoor wood:	1-2 x HYDROGRUND PLUS 1-2 x LIGNEX AQUALASUR ZERO
- Restoration:	Remove any poorly bonded paint or varnish; clean and sand down the surface to improve adhesion. Then 1-2 x LIGNEX AQUALASUR ZERO

Warnings: colourless LIGNEX AQUALASUR ZERO does not contain any pigments so does not provide UV radiation protection. It is therefore advisable to use it only as a top coat on coloured paint 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. If using white paint, it is essential to apply at least 2 coats of the product to minimise the wood yellowing effect. The choice of a covering paint and a higher whiteness index considerably prevents the original colouring of the wood reappearing.

Consumption: 12-16 m²/l per coat, according to the absorption of the wood. Run a test to work out the exact quantity.

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Dilution: LIGNEX AQUALASUR ZERO is ready to use and must not be diluted.

Tool cleaning: with water immediately after use.

Special instructions

Read the instructions on the safety sheet. Even when using products low in hazardous substances, the usual precautions should be taken for working with paint. Always ensure adequate ventilation. Cover electrical switches and cables properly to avoid short circuits. Keep out of the reach of children. In the event of contact with the skin or eyes, rinse immediately and carefully with water. When cleaning surfaces painted with LIGNEX AQUALASUR ZERO, do not use alcohol or solvent-based products or those that are acidic or alkaline. Use only water with neutral soap or light, neutral detergents.

In the event of leaks or spills, mop up the material and dispose of correctly. Do not let the product enter the sewer system, water courses or the ground.

Disposal: European waste catalogue number 08 01 12 (waste paint and enamels). Only dispose of perfectly clean containers at recycling centres. Do not dispose of as domestic waste but at special waste collection centres, particularly dirty containers and residues of material. Do not throw the product or its residues into the sewer system, into surface water or onto the soil.

Water hazard class: Water hazard class 1 (WGK1). (Self-classification: hazardous).

VbF classification: not applicable.

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.