

LIGNEX[®] AQUALASUR ZERO

Water-based impregnating treatment for home environments

30Z1-a July 2025

Description

Product: LIGNEX AQUALASUR ZERO is a water-based, protective and decorative wood stain based on high-quality acrylic resins, suitable for indoor use as well as covered outdoor areas. Its special formulation, almost completely free of VOCs, helps maintain healthy indoor environments.

Fields of Application: For use as an impregnating treatment on non-dimensionally stable wood, without direct contact with soil or water, such as beams, tongue-and-groove cladding, attic linings, and other carpentry work in indoor or covered outdoor environments.

Certifications: ECOLABEL; Products tested according to EN 71-3 "Safety of toys – Migration of certain elements"; Tested according to DIN 53160-1/2 "Resistance to saliva and perspiration".

VOC emissions and content determined by Eurofins laboratories in compliance with the following standards and regulations: French VOC Regulation A+ – French CMR components – Italian CAM Edilizia – German ABG/AgBB – Belgian Regulation – Finnish emission class M1 – Indoor Air Comfort Gold® – Decopaint Directive (2004/42/EC) – VOC/SVOC ISO 11890-2 < 1 g/l – BREEAM "Exemplary Level" – LEED.

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

Packaging: 0.75 l - 2.5 l

Technical Data

Specific weight: 1.01-1.03 kg/l, at +20 °C, depending on the colours.

Flash point: Non-flammable.

Viscosity: 45-60 seconds, DIN cup, 2 mm, at +20 °C, depending on colors.

Drying time: after 2-4 hours depending on the type of wood, amount applied and weather conditions. Drying time increases proportionally with lower temperatures and/or higher humidity levels.

Storage: 3 years in originally sealed containers. Store in a cool place, protected from frost. Seal partially used containers tightly; if there is too much air space, transfer the product into smaller containers.

How to apply

Generality: Stir product well before use. Do not work at temperatures (ambient, surface, and product) below +10 °C.

Application: brushing

Surface Preparation: The wood to be treated must be dry and free of dust and grease. Do not apply to wood with moisture content exceeding 15%. Remove any poorly adhering existing coatings.

Application advice: Woods with low natural durability must be pretreated with a protective primer such as HYDROGRUND PLUS. Please refer carefully to the relevant technical data sheet. End-grain wood should be treated with more coats of LIGNEX AQUALASUR ZERO to reduce water-absorption as much as possible. To avoid lap marks, apply continuously along the full length of the surface following the grain direction. 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 wood on the exterior:	1-2 x HYDROGRUND PLUS 1-2 x LIGNEX AQUALASUR ZERO
- Maintenance:	Remove any poorly bonded paint or varnish; clean and sand down the surface to improve adhesion. Then 1-2 x LIGNEX AQUALASUR ZERO

Note: For a wax-effect finish with increased durability, overcoat with LIGNEX AQUAWAX ZERO.

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LIGNEX AQUALASUR ZERO colourless does not contain pigments and therefore does not provide UV protection. It is recommended to use it only as a finishing coat over a coloured system 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. When using the white shade, at least two coats are required to reduce the wood's tendency to yellow. The choice of a higher covering power and a higher degree of whiteness considerably reduces the reappearance of the wood's original colour.

Yield: 12–16 m²/l per coat, depending on the type of wood, its absorption capacity, condition and surface preparation.

Dilution: LIGNEX AQUALASUR ZERO is ready for use.. Must not be diluted.

Recoatibility: Under normal conditions, after 2-4 hours.

Tool cleaning: with water, immediately after use.

This varnish meets the performance and environmental requirements of the EU ECOLABEL scheme. Registration number: IT/044/002.



Special instructions

Keep out of the reach of children.

Information on disposal, water hazard class, and hazard classification according to VbF and ADR/RID is provided in the safety data sheet, available at <https://myamonn.amonncolor.com/>.

The information provided in this data sheet reflects the current state of technical knowledge and is intended for guidance only. The recommended systems and substrates are given as examples. Suitability must be assessed on a case-by-case basis. Should you have any questions, please contact our technical support. Liability is governed by our General Terms and Conditions of Sale and Delivery. This data sheet supersedes and replaces all previous editions.