

**LIGNEX**<sup>®</sup> LASUR  
Wood preservative

3221-a June 2018

**1. Description**

**Product type:** LIGNEX LASUR is a weather-resistant, solvent-based wood preservative based on alkyd resins with no aromatic compounds for the protection of exterior wood not in contact with the ground. It is open-pore, easy to apply and easy to maintain.

**Fields of application:** For the translucent treatment of exterior wood not in permanent contact with the ground or with water, such as, for example, windows, outside doors and wood panelling, garage doors, fences etc.

**Protective action:** LIGNEX LASUR regulates wood humidity and provides good protection against climatic agents such as humidity and UV rays. The product contains a preservative which protects the film against micro-organisms.

**Colours:** 0-colourless, 01-oak, 02-larch, 03-chestnut, 04-walnut, 07-ebony, 09-palisander, 10-light walnut, 11-mahogany, 13-pine, 27-teak, 35-wengé, 42-green, 48-medium oak

**Tin sizes:** 0,75l - 2,5l - 5l and 25l metal tins, 200l metal barrels (only on request).

**2. Technical Data**

**Density:** 0,89-0,92 kg/l. at +20 °C, depending on colour.

**Flash point:** Approx. 62 °C.

**Viscosity:** 120 s/DIN cup, 2 mm nozzle at +20 °C according to the colour.

**Drying time:** After approx. 14-16 hours depending on the type of wood, the quantity applied and the atmospheric conditions. High humidity levels and/or low temperatures can lengthen drying times.

**Odour:** Mild, distinct odour.

**Storage:** 5 years. Store in a cool place, protected from frost. Close partially used tins well. Store out of the reach of children.

**3. Application**

**Application:** Stir well before use.

**Application methods:** Brushing, impregnating machine with forced aeration.

**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. Clean very resinous wood with a nitro-thinner prior to treatment. A first coat of LIGNEX LASUR EXTRA colourless is recommended for wood with varying absorption rates. The extracts contained in certain kinds of tropical wood (e. g. iroko, teak, etc.) and domestic (e. g. oak, chestnut, etc.) can slow down or even prevent the product from drying; in such cases, first clean the wood carefully with a nitro-thinner.

**Advice for application:** It is necessary to increase the number of top coats on end-grain wood in order to reduce, as far possible, any water absorption. New exterior wood should first be treated with a suitable protective primer such as LIGNEX GRUND BPIV (consult the relative technical leaflet and follow the indications carefully) for protection against blue-stain and insect attack.

**Recommended cycles:**

- New exterior wood with no dimensional or partial dimensional stability	1-2x LIGNEX GRUND BPIV 2-3 x LIGNEX LASUR coloured
- New exterior wood with dimensional stability	1-2x LIGNEX GRUND BPIV 1 x LIGNEX LASUR coloured and then either 1-2 x LIGNEX RENOVA coloured* or 1-2 x LIGNEX UV-FILTER coloured* or 1-2 x LIGNEX HIGH SOLID coloured*
- Renovation of exterior wood with no dimensional stability	Complete strip old badly adhering coats, clean the support and sand in order to improve adhesion. Then 1-2 x LIGNEX LASUR coloured If the previous coat has been stripped completely, please follow the instructions for new wood.

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LIGNEX LASUR 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. Medium colours offer the best resistance to weathering. Very pale or very dark colours should be avoided in extreme climatic conditions. The effect of each single colour depends on the type of wood. It is therefore always advisable to carry out a test coat. It is furthermore recommended that the condition of the external paint is checked regularly, especially on wood exposed the weather-side (south-west).

**Yield:** 12-14 m<sup>2</sup>/l. per coat according to the absorption capacity of the wood.

**Thinning:** LIGNEX LASUR is ready for use and should not be thinned.

**Re-coating:** after approx. 12 hours drying time. After approx. 24 hours a top coat may be applied such as LIGNEX UV FILTER, LIGNEX RENOVA or LIGNEX HIGH SOLID for example.

**Cleaning of tools:** immediately after use with turpentine substitute or our cleaning solution NETTO. Dispose of cleaning residue according to regulations.

#### 4. Special advice

Please refer to the safety data sheet. Since there is a risk of spontaneous combustion in cloths impregnated with oxidatively drying products, allow them to dry out and store in closed metal containers and under water. Only use on exterior wood. Keep out of the reach of children. During application protect face, hands and eyes and ensure there is sufficient ventilation. Do not inhale the vapours. Repeated contact with the skin may cause may lead to cracking or chapping. In case of contact with eyes or with the skin rinse immediately and thoroughly with plenty of water. In case of swallowing seek medical advice showing the packaging or the label. After application, wash hands and face well with water and a suitable detergent.

**Disposal:** Waste catalogue (EAK and AVV): 08 01 11. (waste paint and varnish containing organic solvents or other dangerous substances). Only take completely clean tins to the recycling centre. Tins containing leftover product and any leftover product itself should be disposed of according to regulations (special waste centre). Do not pour leftover product into water-bodies, into the ground or into the sewage system.

**Water hazard class 2** (German regulation) (Self-assessment): hazardous for water

**Danger class according to VbF:** A III.

**ADR/RID:** not applicable

*The information contained in this technical leaflet is based on recent research and technology. However, due to the extensive range of applications, we are unable to offer an unconditional guarantee for all possible applications. Please contact us for any further technical information or advice you may need.*