

LIGNEX[®] UV FILTER

Wax-effect finishing treatment

3219-a July 2026

Description

Product type: LIGNEX UV FILTER is a protective wax-effect finishing treatment based on alkyd resins in an aromatic-free organic solvent. Ideal for protecting exterior wood against weathering. Its special blocking-resistant formulation contains a high level of UV filters, free-radical scavengers and active ingredients for protecting the film from microorganisms.

Fields of application: As a top coat for all types of wood with dimensional and partial dimensional stability, for outdoor use without direct contact with soil or water, such as doors and windows, cladding, balconies, timber houses, pergolas and timber structures in general.

Properties: LIGNEX UV FILTER contains UV filters and radical scavengers that provide excellent protection against UV radiation. The product regulates moisture exchange between wood and air, while providing excellent protection against weathering.

Colours: 00 – colourless, 01 – oak, 03 – chestnut, 04 – walnut, 10 – light walnut, 13 – pine, 27 – teak

Packaging: 0,75 l – 2,5 l – 5 l – 25* l (*only for colour 00 - colourless).

Technical data

Density: 0.92 – 0.94 kg/l at +20° C

Flash point: >61° C.

Viscosity: 70-80 sec, DIN cup, 4 mm, at +20 °C, depending on colour.

Gloss: Matt, 15-20 Gloss. The gloss level depends on the applied film thickness and the colour of the substrate. We recommend performing a test coat before painting.

Drying time: approximately 16 hours. The times given are guidelines. Drying depends on the substrate, the applied film thickness, temperature, ventilation and relative humidity. High humidity and/or low temperatures, as well as woods rich in extractives (e.g. oak or iroko), may slow down the drying process.

Odour: weak odour; odourless once dry.

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

How to apply

General: Mix thoroughly before use. Apply within a temperature range (ambient, substrate, product) of 5-35 °C.

Application systems: brushing, spraying.

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 %. Remove any poorly adhering existing coatings.

Application advice: Wood with low durability for outdoor use must be pre-treated with a protective primer such as LIGNEX GRUND BPIV (follow the instructions in the relevant technical data sheet). Apply additional coats of LIGNEX UV FILTER to end grain to minimise water absorption.

Recommended coating systems:

- New exterior wood:	1-2 x LIGNEX GRUND BPIV 1-2 x LIGNEX LASUR coloured 1-2 x LIGNEX UV FILTER, depending on the desired finish (if applying 2 coats, sand between coats with 280-grit sandpaper).
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- Renovation of outdoor wood:	Remove any parts of the previous coating that are not firmly adhered to the substrate; clean and sand the surface to improve adhesion. Then 1-2 x LIGNEX UV Filter (if applying 2 coats, sand between coats with 280-grit sandpaper). If the wood has been restored as new, follow the instructions for new wood.
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LIGNEX UV FILTER colourless contains no pigments and therefore provides less protection against UV radiation. It is therefore recommended for use only as a top coat in a coloured coating 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. We recommend inspecting the condition of exterior coatings within two years after application, particularly on elements exposed to the south-west.

Yield: 12-15 m²/l per coat.

Dilution: LIGNEX UV FILTER is ready to use and does not need to be diluted.

Recoating: after about 12 hours under normal conditions

Tool cleaning: immediately after use with synthetic thinner or preferably with our specific cleaner NETTO.

Special instructions

Apply the product in well-ventilated areas and wear appropriate personal protective equipment. 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.