

HYDROLIGNEX DESIGN

Water-based wax-effect decorative impregnating finishing

3065-a August 2025

Description

Product: HYDROLIGNEX DESIGN is a water-based, wax-effect impregnating topcoat. It provides medium build and protects and enhances wood surfaces. Innovative colours, combined with antiqued, natural, metallic and/or pearlescent effects, allow for maximum creative expression. An ideal solution for enhancing, protecting and refining any wooden element, while also improving its resistance to weathering.

Fields of Application: for treatment on dimensionally unstable to partially stable wood with no direct contact with soil or water; e.g., trusses, cladding boards, soffit boards, and other carpentry work in indoor or outdoor environments.

Properties: Keeps the wood open-pore, regulates moisture exchange between wood and air, and protects it from moisture and UV radiation.

Certifications: Tested according to EN 71-3 Toy safety - Migration of certain elements

Colours: Gli Elementi 511 Sabbia, 512 Neve, 513 Cielo, 514 Oceano, 515 Fuoco, 516 Universo
La Natura: 531 Cenere, 532 Oliva, 533 Mais, 534 Zafferano, 535 Argilla, 536 Tabacco, 537 Terra,
538 Bosco, 539 Rame
Le Città: 551 Roma, 552 Verona, 553 Milano, 554 Trieste, 555 Torino, 556 Genova, 557 Napoli,
558 Venezia

Packaging: 1 l – 2,5 l – 5 l

Technical data

Density: 1.04-1.06 kg/l at +20°C, depending on the colours.

Flash point: Non-flammable.

Viscosity: 150 to 200 seconds, DIN cup, 3 mm, at +20 °C, depending on colour.

Gloss level: matt

Drying time: 2-4 hours The times given are guidelines. Drying time depends on the substrate, applied thickness, temperature, ventilation and relative humidity. High humidity and/or low temperatures, as well as woods rich in extractives (e.g., oak, iroko) can slow down the process.

Storage: 1 year in the original 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

General: Mix thoroughly before use. Do not apply at temperatures (ambient, surface, and product) below +10 °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 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 HYDROLIGNEX DESIGN to reduce water-absorption as much as possible. To prevent brush marks, treat the surfaces along their entire length following 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:	1-2x HYDROLIGNEX DESIGN
- New outdoor wood:	1-2x HYDROGRUND PLUS 1-2x HYDROLIGNEX DESIGN

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<p>- Restoration of exterior wood:</p>	<p>Remove the parts of the previous coating that do not adhere well to the substrate; clean and sand the surface to improve adhesion. Then 1-2x HYDROLIGNEX DESIGN If the wood has been restored as new, follow the instructions for new wood. Should the substrate be very absorbent, saturate the wood with 1-2 x AQUALIGNEX I colourless.</p>
<p>- Restoration of interior wood:</p>	<p>Remove the parts of the previous coating that do not adhere well to the substrate; clean and sand the surface to improve adhesion. Then 1-2x HYDROLIGNEX DESIGN</p>

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 two years after application, particularly on elements exposed to the south-west.

Yield: 10–16 m²/l per coat, depending on the type of wood, its absorption capacity, condition and surface preparation.

Dilution: HYDROLIGNEX DESIGN is ready to use and must not be diluted.

Recoatibility: in normal conditions after about 4 hours.

Tool cleaning: with water immediately after use.

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.