

## Lignodur Hydrodol 240



Wood oil treatment based on linseed oil



### Field of application

For treatments or decorative coatings of wooden elements and surfaces. Can be used as a transparent one-pot system for non-dimensionally stable and limited dimensionally stable wooden components. Can be used on wooden paneling and furniture, panels, fences, balconies and terraces.

### Properties

- water-based wood oil
- for outdoors and indoors (no floor areas inside)
- Tested according to requirements of AgBB evaluation schemes
- based on natural linseed oil
- matt
- excellent penetration behavior
- cures quickly
- pearling effect
- moisture regulating

### Material description

| Color shades | Scale no. | Description                    |
|--------------|-----------|--------------------------------|
|              | -         | 0100 transparent <sup>1)</sup> |
|              | 12.OL.15  | 1402 natural                   |
|              | 06.OL.08  | 1409 light oak                 |
|              | 15.OL.04  | 1412 larch                     |
|              | 15.OL.12  | 1413 douglas fir               |
|              | 27.OL.24  | 3412 bornholm                  |
|              | 03.OL.21  | 7409 old wood                  |
|              | 75.OL.02  | 7411 graphite                  |
|              | 12.OL.07  | 8408 bangkirai                 |
|              | 15.OL.13  | 8409 nut                       |
|              | 12.OL.05  | 8412 teak                      |
|              | 03.OL.03  | 9410 ebony                     |

<sup>1)</sup> may only be used in combination, please refer to the information below

Notes

## Material description

|                               |  |
|-------------------------------|--|
| <b>Gloss grade</b>            | Matt   |
| <b>Base material</b>          | Modified, natural linseed oils, pigmented  |
| <b>Constituent substances</b> | Alkyd resin emulsion based on linseed oil, titan dioxide (depending on the color shade), organic or inorganic colored pigments (depending on the color shade), water, glycol ether, additives, preservatives (benzisothiazolinone and zinc pyrithione) |
| <b>VOC</b>                    | EU limit for this product (Cat. A/e): 130 g/l (2010).<br>This product contains max. 30 g/l VOC.  |
| <b>Density</b>                | Approx. 1.0–1.1 g/cm <sup>3</sup> , depending on the color shade.  |
| <b>Packaging</b>              | 750 ml, 3 l and 10 l   |

## Use

|                                |  |
|--------------------------------|--|
| <b>Thinning</b>                | Ready for application.   |
| <b>Tinting</b>                 | All colors can be mixed with one another without limitations.  |
| <b>Compatibility</b>           | Do not mix with other types of materials.  |
| <b>Application</b>             | Stir thoroughly before use. Evenly apply Lignodur Hydrodol 240 with the Uni-Plus-Paint Brush 1212 or the Uni-Plus Whitewash Brush 1211 in a thin film parallel to the grain and thoroughly distribute it. For first coats, if possible, treat the wood on all sides (for terrace planks, e.g. before installation). After drying, quickly apply another thin second coat. Excessive layer thickness and poor ventilation lead to delays in drying. |
| <b>Consumption</b>             | Approx. 70–90 ml/m <sup>2</sup> per layer. Additional consumption of up to approx. 50% is to be expected on roughly sawn timber.<br>Determine the exact consumption by means of a test application on the object to be coated.   |
| <b>Application temperature</b> | Do not apply if the air and object temperature is below +5°C or above +30°C.   |
| <b>Tool cleaning</b>           | Clean tools immediately after use with water and soap.   |

## Drying (+20°C, 65% relative humidity)

Recoatable after approx. 12 hours. Fully stressable after approx. 5 days. Allow for longer drying time if the temperature is lower and/or the humidity is higher.

## Storage

Store in a cool, dry and frost-free place. Reseal opened containers tightly and use the contents as soon as possible. Only recycle completely empty containers. Dispose of liquid material residue at a collection point for old paint.

## Declaration

|                     |  |
|---------------------|--|
| <b>Product code</b> | Ö20+<br>Comply with the specifications in the current safety data sheet. Contains benzisothiazolinone and zinc pyrithion. Can cause allergic reactions. Allergy information at +49 251 7188-403. |
|---------------------|--|

## Coating build-up

|  |  |
|--|--|
| <b>Substrate preparation</b>                         | <ul style="list-style-type: none"><li>- The substrate must be absorbent, solid, dry, clean, load-bearing and free from separating agents.</li><li>- The BFS Leaflet no. 18 specifies that the moisture content for non-dimensionally stable components and components with limited dimensional stability, the moisture content must not exceed 18%.</li><li>- Lightly sand and clean new, especially planed wooden surfaces. Carefully remove all sanding dust.</li><li>- To prevent discolorations, allow new tannic-rich woods (e.g. douglas fir, larch) to weather for 2–3 weeks before thoroughly cleaning them with Wood Degrayer 1024.</li><li>- Clean grayed and soiled wooden surfaces as well as wooden surfaces affected by tannic-induced stains with Wood Degrayer 1024.</li><li>- Old paint coatings must be completely removed.</li><li>- Hazardous particles and vapors may be released while reworking or removing old paint coats, e.g. as a result of sanding, paint removal by heat gun, etc.</li></ul> |
| <b>Prime coats, intermediate coats and top coats</b> | With Lignodur Hydrodol 240 in the desired color shade. As a first coat on new, untreated woods, apply at least two coats. In outdoor areas exposed to weathering, apply three coats depending on the absorbency of the wood and the selected color shade. When retreating or for renovation coats, depending on the requirements, apply 1–2 coats.   |

## Notes

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| <b>Protective measures</b>                             | Keep out of reach of children. Use the Dust Filter P2 during sanding. Ensure proper ventilation during application and drying. Avoid eating, drinking and smoking during application. Upon contact with eyes or skin, immediately rinse thoroughly with water. Ensure that the material does not enter the sewage system, waters or soil. |
| <b>Sand the substrates</b>                             | We recommend sanding the surfaces between the individual work steps. Carefully remove all sanding dust.   |
| <b>Assess the color shade</b>                          | The various kinds of wood and available intact coatings affect the color shade due to intrinsic color and absorbency. For this reason, we recommend applying a test coat in advance. Wood oils strengthen the natural color shade of the timber.  |
| <b>Colorless build-up outdoors</b>                     | Colorless coats are not suitable as a sole coating build-up for use in exterior areas due to their insufficient UV protection.  |
| <b>Constituent-rich wood</b>                           | In constituent-rich woods such as oak, red cedar, afzelia or redwood, rain can cause water-based wood constituents to bleed out.  |
| <b>Application indoors</b>                             | For large-scale applications indoors (e.g. on ceilings and walls), we recommend using the water-based woodstain Lignodur Grenodecor 236 (due to the typical odor of Lignodur Hydrodol 240). Please contact the Brillux Consulting Service if you require assistance in this context.  |
| <b>Not suitable for interior surfaces of furniture</b> | Do not treat the interior surfaces of furniture and cabinets due to possible odors.   |
| <b>Factory-treated wood</b>                            | When wood has already been treated in the factory, observe the product information, care instructions and manufacturer regulations before use.  |

## Notes

- Care and maintenance** Regularly check the conditions of wooden areas outdoors, especially when exposed to weathering, and conduct appropriate renovations. For areas exposed to weathering, an annual treatment coat is usually necessary.
- Further information** Follow the instructions on the data sheets of the products used.

## Remark

This data sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this data sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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