

Lignodur Contrabol Aqua 250

Wood impregnation against blue stain fungi, only for outdoors



Field of application

As impregnation for subsequent opaque or translucent coatings on raw coniferous wood in outdoor areas. For wooden surfaces for which an impregnation is required or necessary due to the type of wood, e.g. on wooden windows and outdoor doors, pergolas, roof soffits, wooden paneling, wooden fences, which should be treated decoratively with enamel coatings or woodstains. For exterior wooden components not in contact with the ground (use classes 2 and 3 in accordance with DIN 68800-1) or which is exposed to frequent wetting, for example due to weathering.

Properties

- Ready for use
- Water-based
- Quick drying
- Deeply penetrating
- Moisture regulating
- Reliable protection against bluestain fungus
- Extends the durability of the top coat
- Can be coated with enamel coatings and woodstains

Material description

Color shade	Milky, colorless after application
Base material	Alkyd emulsion, water-based
VOC	EU limit for this product (Cat. A/h): 30 g/l (2010). This product contains max. 30 g/l VOC.
Active component	9.5 g/kg (0.95%) 3-Iodo-2-propynyl butylcarbamate (contains 1,2-Benzisothiazol-3(2H)-one as well as a mixture of 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one, can cause allergic reactions)

Material description

Approval number Germany: DE-0016252-01-0001-08
Austria: AT-0021289-0001
Switzerland: CH-2020-0002.01.0001
Poland: PL/2019/0395-001/BPF
Italy: IT/2021/00751/MRS

Density Approx. 1.01 g/cm³

Packaging 750 ml, 3 l and 5 l

Use

Thinning Do not thin.

Tinting No tinting.

Compatibility Do not mix with other types of materials.

Application Stir thoroughly or shake Lignodur Contrabol Aqua 250 before use and apply undiluted, preferably by brush. Professional users may manually dip and brush. Non-professionals shall only apply by brush. This product may only be used when wearing suitable protective equipment. Protective gloves made of nitrile rubber with a thickness of 0.4 mm must be worn. Penetration time of the glove material: Breakthrough time \geq 8 h. Suitable glove product: Nitrile Protective Gloves 1824. Ensure sufficient ventilation when painting windows and exterior doors. Keep windows and doors open (cross-ventilate at least 5 times per hour). Use biocide products carefully. Always read the label and product information before use. Please observe the further information under the declaration.

Consumption Approx. 60–70 ml/m² per layer. Tested application quantity: 120–140 ml/m². 140 ml/m² is also the maximum application quantity. The application rate depends on the wood surface (e.g. a course sawn surface or planed surface). Determine the exact consumption by means of a test application on the object to be coated.

Application temperature Optimal application and drying temperature: +10°C to +30°C. Do not apply if air or object temperature is below +5°C.

Tool cleaning Clean tools immediately after use with water and Universal Cleaner 1032.

Drying (+20°C, 65% relative humidity)

Dust dry after approx. 2 hours. Recoatable after approx. 6 hours. Allow for longer drying time if the temperature is lower and/or the humidity is higher. Depending on the type of wood, additional drying delays may occur.

Storage

Always store in containers with the same characteristics of the original container. Protect from heat and cold (avoid temperatures below 5°C or over 30°C). Store in sealed containers in a cool and dry location with good ventilation. Keep out of reach of children. Must not be stored together with food, drinks or animal feed. Carefully close containers that have been opened and store right-side-up to prevent leaks. The minimum shelf life in unopened containers is printed on the batch label.

Declaration	
Product code	HSW10 Comply with the specifications in the current safety data sheet.
Disposal	
	Spilled material is to be gathered with an absorbent material, e.g. sand, sawdust, for disposal. Unused product residue, soiled material and empty packaging is to be disposed of at hazardous substance disposal centers, communal collection points or given to an authorized collector for hazardous waste. Waste code numbers: Germany: 030202 (in accordance with AW). Austria: 55508g (in accordance with ÖNORM S 21 00): Coatings that contain solvents and/or heavy metals and/or biocides as well as not fully cured residue in containers.
Coating build-up	
Substrate preparation	The substrate must be solid, dry, clean, with good adhesiveness, load-bearing and free from separating agents. The BFS Leaflet no. 18 specifies that the moisture content for dimensionally stable components must be limited to 15%. For non-dimensionally stable components and components with limited dimensional stability, the moisture content must not exceed 18%. Also see BFS Leaflet no. 18, section 6 as well as VOB Part C, DIN 18363, Paragraph 3.
Impregnation	Impregnate untreated wooden components outdoors with Lignodur Contrabol Aqua 250.
Prime coats, intermediate coats and top coats	Depending on the component, requirement and selection of the further build-up with alkyd or acrylic resin coatings and woodstains or emulsion paints.
Notes	
<u>Not for interior use</u>	Do not use indoors or in interior environments. Not suitable for apiaries, saunas, greenhouses, etc.
Substrate testing	Check old coatings for adhesion by scratching the substrate or applying then removing sticky tape. Applying a wet cloth to the surface additionally clarifies whether the coating and/or the wood is weathered. If a dark, damp spot appears on this part of the wood after a brief period, then the surface needs to be sanded back to the load-bearing wooden layer.
Wood-based panels for exterior use	In accordance with the current state of the art, wood-based panels are only conditionally suited for coating in exterior areas. Also refer to BFS Leaflet No. 18, Paragraph 2.2.3. A coating recommendation can only be provided on a case-by-case basis under consideration of the material type and quality, construction, and climatic conditions. Please contact the Brillux Consulting Service if you require assistance in this context.
Further information	Follow the instructions in the data sheets of the products used.

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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