

Lignodur Xylodol 540

Protective wood oil based on linseed oil, for outdoors



Field of application

For treatment coatings on 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 terraces, fences, garden furniture, facade claddings and balconies for example.

Properties

- low aromatic wood oil
- for exterior use
- based on natural linseed oil
- weather-resistant
- matt
- long open time
- excellent penetration behavior
- cures quickly
- pearling effect
- refreshing surface effect
- moisture regulating
- optionally available in Protect quality (film protection against an algal and fungal infestation of the coating)

Material description

Color shades	Scale no.	Description
	-	0100 transparent ¹⁾
	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

¹⁾ may only be used in combination, refer to the information below Notes

Material description

Gloss grade	Matt
Base material	Modified, natural oils, pigmented, low aromatics content
VOC	EU limit for this product (Cat. A/f): 700 g/l (2010). This product contains max. 550 g/l VOC.
Density	Approx. 0.85–1.0 g/cm ³ , depending on the color shade.
Packaging	Standard color tones: 750 ml, 3 l and 10 l

Use

Thinning	Ready for application.
Tinting	All colors can be mixed with one another without limitations.
Compatibility	Do not mix with other types of materials.
Application	Stir thoroughly before use. Evenly apply Lignodur Xylodol 540 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.
Consumption	Approx. 70–90 ml/m ² per layer. Additional consumption of up to approx. 50% is to be expected on roughly sawn timber. Determine the exact consumption by means of a test application on the object to be coated.
Application temperature	Do not apply if the air and object temperature is below +5°C or above +30°C.
Tool cleaning	Clean tools immediately after use with Quick-acting Brush Cleaner 111.

Drying (+20°C, 65% relative humidity)

Recoat 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

Product code	Ö60 Comply with the specifications in the current safety data sheet.
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Substrate preparation	<ul style="list-style-type: none"> - The substrate must be absorbent, solid, dry, clean, load-bearing and free from separating agents. - 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%. - Lightly sand and clean new, especially planed wooden surfaces. Carefully remove all sanding dust. - 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. - Clean grayed and soiled wooden surfaces as well as wooden surfaces affected by tannic-induced stains with Wood Degrayer 1024. - Old paint coatings must be completely removed. - 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.
Impregnation	Treat exterior, untreated wooden components with Lignodur Contrabol 550 as required or based on the type of wood. Please also refer to BFS Leaflet No. 18, Section 6.
Prime coats, intermediate coats and top coats	With Lignodur Xylodol 540 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

Risk of spontaneous combustion	There is a risk of spontaneous combustion with damp cloths and the like due to autoxidation. Lay out soaked rags to dry on a fireproof blanket, collect them in fireproof containers and dispose of in a fireproof manner (under water).
Sand the substrates	We recommend sanding the surfaces between the individual work steps. Carefully remove all sanding dust.
Assess the color shade	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.
Colorless build-up outdoors	Colorless coats are not suitable as a sole coating build-up for use in exterior areas due to their insufficient UV protection.
Constituent-rich wood	In constituent-rich woods such as oak, red cedar, afzelia or redwood, rain can cause water-based wood constituents to bleed out.
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.

Notes

Protect quality Containers marked "Protect" contain material that is factory-fitted with film protection against fungal attack. This may only be used outside. The preservatives contained minimize or delay the risk of fungal attack. The material equipped with film protection must be applied in a sufficient layer thickness; we recommend applying at least two coats. According to the state of the art, permanent protection against fungal attack cannot be guaranteed. Do not treat wooden components that come into direct skin contact, e.g. garden furniture, with the Protect quality.

Further information Follow the instructions in 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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