

Holz-ÖlGeo

Premium Aqua wood oil for the care of wood construction elements. For interior and exterior use.
67 % of binder is made of renewable raw materials.



Product Description

Field of Application

Suitable for design and maintenance of wooden parts in the garden area, such as fences, pergolas, panelling/plankings, climbing trellis and garden furniture. Wood surfaces indoors, e.g. furniture and wood panelling/boardings.

Do not use for board-shaped derived timber products, as e.g. oriented strand/structural boards, plywood boards/panels, particle boards/chipboards, fibreboards.

Do not use for wooden parts in direct contact with water (permanent moisture), contact to soil/earth/ground and wood subjected to static loads.

Material Properties

- Water emulsified plant oil.
- Moisture regulating.
- Open-porous.
- Environmentally friendly formula, due to the use of renewable raw materials.
- Colour deepening effect.
- Non-dripping consistency.
- Easy & pleasant to apply.
- UV protection for wood.

Material Base / Vehicle

Linseed oil and acrylic resin hybrid binder.

Packaging/Package Size

2.5 l and 750 ml in recyclable tin cans

Colours

- Teak
- Bangkirai

Gloss Level

Silk-matt/satin-finished (mid-sheen). The gloss level may vary depending on the wood surface.

Storage

Keep in a cool place, min. +5 °C. Keep the can always hermetically sealed.

Shelf life of the original, tightly closed can: min. 2 years.

Suitability according to Technical Information No. 606 Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
+	+	+	+	+
(-) inapplicable / (○) of limited suitability / (+) suitable				



Application

Suitable Substrates

Non-sealed, absorbent wood surfaces.

The substrate must be clean, sound/stable, and free from all substances that may prevent good adhesion. The wood moisture content (WMC) must not exceed 15 %. Follow the principles of constructional/structural wood preservation. They are a premise for durable wood preservation.

Substrate Preparation

New Wood Construction Elements

Sand smooth surfaces in fibre direction, clean thoroughly and remove seeping wood contents, e.g. wood resin/rosin and resin galls (resin/pitch pockets).

Existing Unpainted Wood

Sand/grind off greyed, weathered surfaces to the stable, solid substrate and clean the surface very thoroughly.

Coated Wood

Remove existing coatings, such as enamels/varnishes and thick film translucent coatings (wood stain) to the stable, absorbent substrate. Roughen/sand the surface of adherent thin film wood stain, clean and check for compatibility with Holz-ÖlGeo.

Method of Application

Apply undiluted product evenly with a brush, suitable for applying water-based paint. Remove excess product after approx. 10 - 20 minutes, depending on the absorbency, using a lintfree cloth. Coat large areas and seamless surfaces uninterruptedly wet-on-wet to avoid lapping.

Application

Stir Holz-ÖlGeo before use.

Substrate	Impregnation	Intermediate Coat	Finishing Coat
Exterior wood surfaces	Capacryl Holzschutzgrund*)	Holz-ÖlGeo**)	Holz-ÖlGeo
Interior wood surfaces	-	Holz-ÖlGeo	Holz-ÖlGeo

*) Advisable for wood types with a higher risk of being attacked by blue stain.

***) Highly absorbent parts, such as cross-sectional areas and cutting edges must be treated with minimum one additional coat.

Consumption

Brush Application on Smooth Surfaces

Approx. 70 – 90 ml/m² per coat, depending on the substrate's absorbency.

Brush Application on Unplaned Wood

Approx. 120 – 160 ml/m² per coat, depending on the substrate's absorbency.

Consumption are only guide values and may vary depending on substrate requirements. Determine the exact amount of material required by coating a test area on site.

Application Conditions

Low Temperature Limit for Application & Drying:

Min. +8 °C for product, ambient air and substrate.

Drying/Drying Time

At 20 °C and 65 % RH	dust dry	recoatable	rainproof
after hours	2 - 3	4 - 5	24

Drying time and gloss level are influenced by the substrate's absorbency. Wood contents/ingredients in e.g. oak or tropical wood, may lead to delayed drying. Stressable after min. 6 - 8 days.

Tool Cleaning

Clean tools/working equipment immediately after use or for breaks with water and wetting agent (e.g. soap/soapy water).

Advice

Please Note (Status as at Date of Publication)

Keep out of reach from children. Do not breathe spray dust. Use A2/P2 combination filter for paint spraying. Use P2 dust filter for grinding. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil.
Further information: See Material Safety Data Sheet (MSDS).

Disposal

Contains: CG 22-1130 (UV absorber), 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. Advice for allergy sufferers with isothiazolinone allergy: German hotline 0180/5308928 (0.14 €/minute from German landline, MTS max. 0.42 €/minute).

Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local authorities. Particular attention should be made to removing wastage from site in compliance with standard construction site procedures.
In Germany: Only completely empty containers should be handed in for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried/hardened product residues as construction site/demolition/municipal or domestic waste.

EU limit value for the VOC content

of this product (category A/e): 130 g/l (2010). This product contains max. 10 g/l VOC.

Product Code Paints and Enamels

M-KH01 (Germany)

Substances of Content - Declaration

Linseed oil, polyacrylic resin, pigments, water, additives, UV absorber, preservative (Methylisothiazolinone)

Customer Service Centre

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