



THE BEST FOR YOUR WOOD

Koralan[®] Holzöl

(Koralan[®] Wood Oil)

1. Product description

Product type	Natural oil and water-based care oil. As an initial coat and care for wood elements, especially those made of hardwoods, in outdoor areas (e.g. garden furniture, grooved boards). Meets the requirements according to DIN EN 71-3 ("Safety of toys") as per Directive 2009/48/EC.
Properties	<ul style="list-style-type: none">• Weather-resistant• Gives a glazed effect• Good penetration into wood• Very good flow properties• Moisture-regulating• No blocking• No flaking• Contains natural oils and waxes• Creates velvety surfaces• Provides wood with effective protection from greying
Scope of application	For wood in outdoor areas (especially hardwoods), e.g. decking boards and garden furniture. Also suitable for coating WPC boards (wood polymer composite boards). Because the composition of the boards can vary widely as a wood-plastic composite, we always recommend applying a test coating first.
Shades	UV Natural, Larch, Garapa, Bangkirai, Teak
Container sizes	0.75 l 2.5 l 10 l 20 l 120 l 1,000 l

2. Technical data

Density 20 °C	Approx. 1.02 g/cm ³ (depending on the shade)
Viscosity 20 °C	Approx. 12–13 sec. (DIN 4 mm cup)
Drying	In a standard atmosphere (23 °C, 50% at relative humidity as per DIN 50014) and on normal wood types such as Scots Pine and spruce:

Dust-dry: After approx. 3 hours
Recoatable: After approx. 8 hours

Ensure good air circulation during the drying phase! This particularly applies to components that are dried in closed spaces (workshops and halls) once coated. Drying can be improved considerably by a flow of air (produced using fans).

Low temperatures, increased air humidity and low air exchange slow down drying.

With certain wood types (e.g. massaranduba, teak, oak), the drying process could even last several days.

3. Processing

Preparation In combination with constructive wood preservation measures, the treated surface is protected against moisture absorption, with the result that treatment with a primer that offers blue stain protection is not required. If additional protection against wood-inhabiting and wood-destroying fungi is necessary, we recommend impregnation with Koranol® Primer Colourless (solvent-based), for example. Clean wooden surface. The wooden surface must be free of dust and grease. Planed wooden surfaces should be sanded for improved material absorption (grain 80/120).

WPC: Clean the surface. The surface must be free of dust and grease. The surface should be sanded for improved material adhesion (grain 80/120).

Use Approx. 120–160 ml/m² (approx. 80–100 ml/m² on tropical woods) with two applications, depending on the absorbency of the substrate.

Application methods Painting, dipping, flooding, power painter, VACUMAT®

Application We always recommend applying a test coating first.

Stir Koralan® Wood Oil thoroughly before use, and apply it undiluted.

Apply sparingly with the grain using a soft brush (avoid puddle formation). Remove excess material.

Application

Apply to garden furniture made from hardwood with a lint-free cloth, as you would furniture polish.

Optimum processing temperature +15 °C to +30 °C (applies to substrate, Koralan® Wood Oil and ambient temperature). Drying temperature at least +5 °C.

Wood moisture content must not exceed 20%. After use, provide a floating cover for the dipping tank so that no air pockets are formed. Water losses that occur in flooding systems must be compensated accordingly. The drying times between individual applications must be observed. For processing in dipping tanks, switch on the circulation before starting work and after lengthy breaks.

When pre-treating wood with a solvent-based wood preservative (e.g. Koranol® Primer), a drying time of at least 5 days in a standard atmosphere must be observed.

In particular, the shades are influenced by the substrate condition, wood type, application method and the quantity applied. Please check the shade before large-scale application.

In the case of very fleshy/oily tropical woods (e.g. massaranduba), we recommend that you first de-oil the wood before applying the first coat of Koralan® Wood Oil or leave it exposed to the weather for six to eight weeks in order to prevent staining or coating imperfections. Colour shifts may occur in woods that are rich in extractives (e.g. Siberian larch). When using outdoors, it is important to protect freshly coated wood against rain until it has dried completely.

Cleaning the tools

Clean with water and detergent immediately after use. Dispose of cleaning residue correctly, and do not store temporarily in the system (risk of microbial infestation of the working solution).

4. Special instructions

Label as per Regulation (EU) No. 1272/2008 [CLP]	Supplemental hazard information: EUH208 Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. EUH210 Safety data sheet available on request. EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Instructions for use and warnings	Inappropriate use can be harmful to health and the environment. Keep locked away and out of reach of children. Keep away from food, drink and animal feed stuffs. In case of accident, if you feel unwell or if you swallow the product, seek medical advice immediately and show the packaging or label. Avoid skin and eye contact, wear suitable protective clothing (e.g. protective gloves, goggles). After working, wash your face and hands thoroughly with soap and water.
Storage and environmental protection	Do not discharge into surface water or the sewage system. Store only in the original containers. Close the container tightly after use. Do not store at temperatures below +5 °C or over +30 °C.
Disposal	Dispose of cleaning residue and partly empty containers properly (collection point for special waste). Put completely empty (drip-free) containers into receptacles for recyclable materials.
Product code	BSW30
EWC/Waste Catalogue Ordinance (AVV)	08 01 20 – Aqueous suspensions containing paint or varnish apart from those covered by 08 01 19.
VOC content	According to Directive 2004/42/EC the maximum permitted limit value (VOC content) for this product is 130 g/l (2010). The product has a VOC content of < 130 g/l.

The above details are based on the latest technological developments and application methods and contain general advice. They describe our products and provide information on the application and processing thereof.

Because application and processing are beyond our control, we are liable only for the consistent quality of our products as per our general terms and conditions. In the event of doubt, please contact our technical advisory team.