



THE BEST FOR YOUR WOOD

Koralan®

Holzöl Spezial

(Koralan® Wood Oil Special)

1. Product description

Product type	Premium wood preservation and care oil. Wood-preserving impregnation, primer and decorative weather protection in one and the same product. As an initial coat and after-care for elements made of coniferous wood, e.g. terraces, privacy screens, garden furniture, wooden façades. Approved biocidal product as per Regulation (EU) 528/2012
Protective effect	Protects wooden surfaces from weather factors (sun, rain). Preventive effect against blue stain (as per EN 152) and mould (as per EN 15457). Provides wood with highly effective protection from greying.
Active substances	100 g contains: 0.74 g IPBC
Properties	<ul style="list-style-type: none">• Weather-resistant• Gives a glazed effect• Good penetration into wood• Very good flow properties• Moisture-regulating• Minimal raising of the grain
Scope of application	Ideal for decorative surface finishing of coniferous wood types outdoors without ground contact.
Shades	UV Natural, Salt Green, Larch, Bangkirai, Light Oak, Scots Pine, Teak, Walnut, Rosewood, Tobacco Brown, Silver Grey.
Container sizes	0.75 l 2.5 l; 10 l 20 l 120 l 1,000 l (trade users only)

2. Technical data

Density 20 °C	Approx. 1.01 g/cm ³
Viscosity 20 °C	Approx. 14 sec. (DIN 4 mm cup)
Drying	In a standard atmosphere (23 °C at 50% relative humidity as per DIN 50014) and on normal wood types such as Scots Pine and spruce: Dust-dry: 3 hours Recoatable: 8 hours In adverse weather conditions (high air humidity, low temperatures, low air exchange), drying can be much slower. Certain wood types can also slow down drying. Optimum processing and drying temperature +15 °C to +30 °C (applies to undercoat, Koralan® Holzöl Spezial and ambient temperature). Drying temperature at least +5 °C.

3. Processing

Preparation	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).
Tested application quantity	180 ml/m ²
Application methods	Painting, dipping, flooding, power painter, VACUMAT®
Application recommendations	Koralan® Holzöl Spezial is ready to use. Stir thoroughly before use and apply undiluted straight from the original container. Read the text on the label! Painting: Apply sparingly with the grain, using a soft brush (avoid puddle formation). Remove excess material. Wear suitable protective clothing, e.g. protective gloves. When applying (painting) and during the drying phase, a suitable covering (e.g. plastic sheet, tarpaulin) must be used to cover the ground/floor. Application by dipping, flooding, power painter or VACUMAT®: The installation must be filled using an automatic dosage system. The following risk mitigation measures shall be applied unless they can be replaced by technical and/or organisational measures (personal protection measures shall not be permanent measures): - Wear protective chemical-resistant gloves during the product handling phase. - A protective overall (at least type 6, EN 13034) shall be worn.
Application recommendations	Freshly treated timber must be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water. Any losses of the product shall be collected for reuse or disposal. All industrial application processes must be carried out within a contained area situated on impermeable hard standing with bunding to prevent run-off and a recovery system in place (e.g. sump). Provide a floating cover for the dipping tank so that no air pockets are formed. Please contact our technical advisory team before application by means of dipping, flooding, power painter or VACUMAT®.

Before large-scale processing, check the shade: we thoroughly recommend a trial coat. The intensity of the shades is influenced by undercoat condition, wood type and application method.

The drying times between individual applications must be observed. When using outdoors, it is important to protect freshly painted wood against rain until it has dried completely.

Before starting work and after lengthy breaks, switch on the circulation in the dipping tank. Water losses that occur on account of processing in a dipping or flooding system must be compensated accordingly.

The product must not be combined with products against wood-destroying fungi, and is suitable for treatment of wood or wooden items that are by nature insensitive to wood-destroying fungi, such as: wood in durability class 1 with less than 5% sapwood; typical wood panelling, soffits or screen fences (thickness < 2 cm) that dry quickly; wood elements for gardens and landscaping if the principles of constructive wood protection are taken into account; windows.

Cleaning the tools

With water and detergent immediately after use. Do not store cleaning residue temporarily in the system (risk of microbial infestation of the working solution).

4. Special instructions

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Hazard statements:

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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), 3-iodo-2-propynyl butylcarbamate, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Instructions for use and warnings

Application by means of dipping, flooding, power painter or VACUMAT® may be carried out only by industrial or professional users. Inappropriate use can be harmful to health and the environment. Do not use the wood preservative on wood that may come into direct contact with food or feeding stuff, drinking water or livestock. Likewise, do not use it to treat beehives, greenhouses (interior), saunas (interior) or areas used by bats. Tie up plants and avoid splashes on them. **Do not treat wood for interiors/residential areas.** Avoid skin and eye contact. Do not eat, drink or smoke while working. Keep away from food, drink and animal feed stuffs. Do not contaminate food, cutlery or surfaces that may come into contact with food. Keep children and pets away from treated surfaces until dried. Wash hands and unprotected skin before meals and after use. If medical advice is required, keep the packaging or the label. The *"Merkblatt für den Umgang mit Holzschutzmitteln"* (Code of Practice on Handling Wood Preservatives) of Deutsche Bauchemie e.V., Karlstrasse 21, 60329 Frankfurt am Main, provides comprehensive information.

First aid instructions: If inhaled: Move the exposed person to fresh air and allow them to recover. If symptoms persist, seek medical help. In the event of unconsciousness, place the person in the recovery position and seek medical help immediately. After skin contact: Wash immediately with plenty of soap and water. Remove contaminated clothing and footwear. If any symptoms are apparent (e.g. skin irritation), seek medical help/call a doctor. After eye contact: Rinse open eyes under running water immediately for at least 10 minutes. If any symptoms are apparent, call a doctor. If swallowed: Do NOT induce vomiting, do not give the person anything to drink, and seek medical help. In the event of unconsciousness, place the person in the recovery position and seek medical help immediately.

Storage and environmental protection

Store only in the original containers. Close the container tightly after use. Do not apply near bodies of surface water or in the area of water protection zones.

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 residue must be collected and reused or disposed of as hazardous waste. It must not be released to soil, ground and surface water or any kind of sewer.

Product code

HSW 10

EWC/Waste Catalogue Ordinance (AVV)

03 02 05 – Other wood preservatives containing dangerous substances.
For AT: as per ÖNORM S 2100: 55508g

VOC content

According to Directive 2004/42/EC, the maximum limit value (VOC content) for this product is 130 g/l (2010). The product has a VOC content of < 130 g/l.

OVOC Switzerland

VOC content < 3 percent (% by mass)

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.