



THE BEST FOR YOUR WOOD

Koranol[®] Holzpflegeöl

(Koranol[®] Wood Care Oil)

1. Product Description

Product type	Solvent-based, wood care oil based on alkyd resin. For decorative surface design of wood outdoors
Protective effect	Protection from weather factors (sun, rain) thanks to the use of high light-fast pigments. Water-repellent through the addition of waxes.
Properties	<ul style="list-style-type: none">• Weather-resistant, water-repellent• Open pored• UV-resistant• Moisture-regulating• Easy to apply, excellent flow properties• High penetration capability• Low-odour thanks to the use of low aroma solvents, odourless after drying• Transparent - enhances the structure and grain• Non-flaking, therefore easy to renovate without sanding down
Application	<p>For the decorative surface design of wood outdoors without ground contact. For closeboard fencing, trellises, pergolas, fences, Decking etc.</p> <p>For all woods where the natural character of the wood is to be particularly emphasised and preserved for a long time.</p>
Shades	<p>Pine, bangkirai, larch, natural</p> <p>Koranol[®] Wood Care Oil Pine is particularly suitable for larch, Douglas fir and Scots pine. Koranol[®] Wood Care Oil Bangkirai is particularly suitable for darker types of wood, such as bangkirai, teak etc.</p>
Container sizes	0,75 l 2.5 l 5 l 20 l

2. Technical Data

Density 20 °C	Approx. 0,84 g/cm ³
Viscosity	Fluid
Flash point	> 61 °C

Drying Surface dry after approx. 5 hours in normal ambient conditions (23°C, 50% relative humidity as per DIN 50014). Can be recoated after approx. 10 hours. Drying may take significantly longer in unfavourable weather conditions (high humidity, low temperatures, minimal air change). Drying may also take longer depending on the wood.

3. Processing

Preparation Remove any opaque paint systems, clear varnishes or thick-film glazes completely. Sand down heavily weathered wood to remove raised wood grains and to achieve a uniform wooden surface. New, planed wood surfaces should also be sanded to improve the material absorption (grain size 80/120). Clean dirt and dust off wooden surfaces. Wear a dust mask when sanding. Cover bituminous materials and plastics as well as plaster, concrete and stoneware to protect them from any possible dirt. Tie back plants, do not wet them.

Application quantity 120-160 ml/m² in 2 coats

Application method Brushing

Application Stir Koranol® Wood Care Oil before use. Apply with a soft brush in the direction of grain.

Optimum processing and drying temperature: +15 °C to +30 °C (applies to the substrate, Koranol® Wood Care Oil and the ambient temperature).

Drying temperature: at least +5 °C.

Application recommendations Check the colour before processing a large area; we recommend that you always make a trial application. Do not add any thinner. Greyed surfaces (old wood) as well as types of wood with intrinsic colour affect the shade. We recommend using Koralan Grey Wood Renovator to restore the natural colour of the unweathered wood. The deeply penetrating cleaning concentrate is ideal for revitalising and priming weathered and greyed wood outdoors. We recommend applying an undercoat of Koranol® Primer to the wooden surface with new wood to protect against blue stain and rot. We recommend that you always make a trial application. Coloured constituents may be washed out of the wood through water absorption with unprotected end grain surfaces and stain light-coloured plaster surfaces and brickwork beneath it. In these cases, we recommend sealing the end grain surfaces with Koralan® End Grain Wood Protection (at least 2 coats) after treating the wood with Koranol® Wood Care Oil. The lower end grain surfaces should be undercut to create a drip edge.

Properties of treated wood The dried scumble is compatible with wood treated with plastic and bituminous materials and does not affect the flammability of the treated wood.

Renovation Old surfaces coated with Koranol® Wood Care Oil can be renovated easily. Clean dirt and dust off the wooden surface and then apply a coat of Koranol® Wood Care Oil.

Tool cleaning With brush cleaner, white spirit or resin thinner.

4. Special Instructions

Labelling in accordance with Regulation (EG) No. 1272/2008 [CLP]

Signal word: Danger

Hazard components for labelling:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Warnings:

H304 May be fatal if swallowed and enters airways.

Safety instructions:

P301+P310 IF SWALLOWED: Immediately CALL A POISON CENTRE or doctor.

P331 Do NOT induce vomiting.

P405 Keep locked up.

EUH066 Repeated exposure may cause skin dryness or cracking

EUH208 Contains Fatty acids C18 unsat, reaction products with tetraethylene-epentamine. May produce an allergic reaction

Instructions for use and warnings

Misuse may cause health problems and lead to environmental damage. Tie back plants and do not wet them. Avoid skin and eye contact. Wear suitable protective clothing (protective gloves, safety goggles). Keep out of reach of children. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. If medical advice is needed, have product container or label at hand. Do not work near an open fire and open flames. Provide adequate ventilation during processing and drying.

Storage and environmental protection

Observe the statutory provisions for keeping ground water, surface water and air clean when storing and processing the product. Only store in original containers! Seal containers tightly after use.

Do not store at temperatures below +5 °C or above +30 °C.

Do not empty into surface waters or drains.

Disposal

Ensure proper disposal of cleaning residues as well as containers that are not empty (collection point for hazardous waste). Place emptied (drip-free) containers in recycling material containers.

EWC / German waste catalogue regulation AVV

08 01 11 - Paint and varnish waste containing organic solvents or other hazardous substances.

VOC content

The maximum value (VOC content) for this product (Cat. A/f) must be 700 g/l (2010) as per Directive 2004/42/EC. The VOC content of this product is < 700 g/l.

The above information has been compiled based on the latest development and application techniques and contains general advisory information. It describes our products and provides information about their application and processing.

As the application and processing of our products is beyond our control, we can only guarantee the consistent quality of our products in accordance with our General Terms of Sale and Delivery. We recommend that you make use of our technical advice in case of doubt.