

Koranol[®]

Grund Farblos

Koranol[®] Primer Colorless

1. Product Description

Product type	Wood preservation primer based on alkyd resin, solvent-based. For outdoor use. Approved biocidal product as per Regulation (EC) 528/2012.
Protective effect	Provides preventive protection from wood-destroying fungi (rot) (according to EN 113), blue stain (according to EN 152) and mould (according to EN 15457).
Active ingredients	100 g contains: 0.95 g IPBC
Properties	<ul style="list-style-type: none">• Enhances durability and the adhesion of subsequent coats, especially with highly absorbent substrates or those with different levels of absorbency.• Low odour due to the use of low aromatics solvent, odourless after drying• Quickly penetrates into wood
Application	Ideal for the treatment of coniferous wood for outdoor use without ground contact, which is then to receive a final decorative coating of scrubble, paint or varnish. For cladding, gates, pergolas, fences, etc.
Shade	Colourless
Container sizes	0.75 l 2.5 l 5 l 20 l 200 l 1000 l (for professional & industrial users only)

2. Technical Data

Density 20 °C	Approx. 0,82 g/cm ³
Viscosity 20 °C	Fluid
Flash point	> 61 °C

Drying	Surface dry after approx. 5 hours in normal ambient conditions (23 °C at 50% relative humidity as per DIN 50014) as well as on common types of wood, such as Scots pine and spruce. Can be overpainted after approx. 12 hours with solvent-based systems (scrumbles, paints, varnishes). A drying time of approx. 5 days should be taken into account in normal ambient conditions when applying subsequent coats with aqueous systems. 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.
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3. Processing

Preparation	Remove any opaque paint systems, clear varnishes or thick-film glazes completely. Clean dirt and dust off wooden surfaces. Sand heavily weathered wood to remove protruding wood fibers and to achieve an even surface. New, planed wooden surfaces should be sanded to improve the material absorption (grain size 80/120). 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.
Tested application quantity	135 -140 ml/m ²
Application method	Brushing, dipping, flow-coating, automated spraying, coating-machine.
Application	<p>Stir Koranol® Grund Farblos well before use and apply undiluted.</p> <p><u>Brushing:</u> Apply with a soft brush in the direction of grain. The application rate is applied in 1-2 applications. Application of the next coat after a waiting time of at least 2 hours (in normal ambient conditions).</p> <p><u>Spraying in closed systems (spray tunnel method), dipping, flow-coating:</u> Application must be conducted by industrial and professional (manual dipping) user only. The application rate is applied in 1 application. The product may only be loaded with an automatic dosing system.</p> <p>Please contact our technical advisory service before an industrial application.</p>
Application recommendations	<p>We generally recommend a trial application. A non-biocidal top-coat must be applied to treated wood in situations where it would be exposed to weather. Provide adequate ventilation when painting windows and exterior doors. Keep windows and doors open. (Cross ventilation, air change at least 5/ h). The stay in the treated area should be minimised. Do not add any thinner. The wood moisture content must not exceed 20%.</p> <p>Optimum processing and drying temperature: +15 °C to +30 °C (applies to the substrate, Koranol® Grund Farblos and the ambient temperature). Drying temperature: at least +5 °C.</p>
Properties of treated wood	The dried primer is compatible with plastics and bituminous materials. The flammability of the wood does not increase after the primer dries.
Corrosion behaviour	Does not attack glass and metal.
Overpainting	After thorough drying with all scrumbles, thick-film glazes, dispersions and varnishes. We recommend that you always make a trial application.
Tool cleaning	With brush cleaner, white spirit or resin thinner.

4. Special Instructions

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

Signal word: Danger

Contains:

Hydrocarbons, C10-C13, n-alkane, isoalkane, cyclene, < 2% aromatics

Warnings:

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

Safety instructions:

P101 If medical advice is needed, have the product container or label at hand

P102 Keep out of the reach of children.

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call TOXIC INFORMATION CENTRE/physician.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose contents/container to as hazardous waste.

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH208 Contains 3-IOD-2-PROPINYL BUTYL CARBAMATE. May produce allergic reactions.

First aid instructions

After inhalation: Move exposed person to fresh air and place in a position that makes breathing easier. If breathing is non-existent or irregular or if respiratory arrest occurs, well-trained personnel should be given artificial respiration or oxygen.

Get medical attention if health problems persist or are severe. In case of unconsciousness bring person in recovery position and keep the airways open. Call a doctor immediately.

After skin contact: Remove contaminated clothing immediately and wash skin with plenty of soap and water, rinse off. Get medical advice if symptoms appear or if in doubt.

After eye contact: remove contact lenses, keep eyelids open. Rinse thoroughly with water (10-15 min). Call a doctor.

After swallowing: Do NOT induce vomiting. If vomiting occurs, keep your head low so that the vomit does not enter the lungs. Call a doctor.

Instructions for use and warnings

Misuse may cause health problems and may lead to environmental damage. Wood preservatives should not be used on wood that is intended to come into direct contact with food or animal feeding stuffs. Likewise, do not use it to treat beehives, greenhouses (internally), saunas (internally) and surfaces used by bats.

Do not treat wood for indoor / living areas.

When using, do not eat, drink or smoke.

Keep away from food, drink and animal feeding stuffs.

Do not work near an open fire and open flames.

Fit a floating cover to dipping tanks.

Fill Koranol® Grund (BPR) into tightly sealed containers and label them accordingly when dipping tanks are not used for a longer period of time.

Risk minimisation measures:

Avoid skin and eye contact.

The following risk mitigation measures shall be applied unless they can be replaced by technical and/or organisational measures. Technical and organisational protection measures have to be considered by preference (personal protection measures shall not be permanent measures):

Spraying in closed systems (spray tunnel method), dipping, flow-coating:

Wear protective chemical resistant gloves during product handling phase (butyl rubber, NBR (nitrile rubber), thickness 0.4 mm) as well as a protective coverall (at least type 6, EN 13034) while handling freshly treated wood.

Industrial users: 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).

Freshly treated timber shall 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.

Professional users: Application by professionals (manual dipping) must be conducted within a contained area (indoors under roof) on impermeable ground. To avoid leakage into the soil, store treated objects or materials until completely dried on impermeable ground and under roof.

Brushing

During product application (to timbers) and whilst surfaces are drying, do not contaminate the environment. All losses of the product have to be contained by covering the ground (e.g. by tarpaulin) and disposed of in a safe way. Tie back plants and do not wet them. Protect treated wood from weathering until it is completely dry.

Do not apply near bodies of surface water or in the area of water protection zones.

Storage and environmental protection	Only store in original containers! Seal containers tightly after use. Do not store at temperatures below +5 °C or above +30 °C and store away from direct sunlight!
Disposal	Ensure proper disposal of product and cleaning residues as well as containers that are not empty (collection point for hazardous waste). Place emptied (drip-free) containers in recycling material containers.
Product code	HSL 10
EWC / German waste catalogue regulation AVV	03 02 05 – Other wood preservatives containing dangerous substances. For AT: according to ÖNORM S 2100: 55508g
VOC content	Not subject to the VOC guidelines.

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.