

Koranol[®]

Imprägnierlasur

(Impregnation Scumble)

1. Product description

Product type	Premium solvent-based wood preservation scumble based on alkyd resin. Wood-preserving impregnation, primer and decorative weather protection in one and the same product. Approved biocidal product as per Regulation (EU) 528/2012.
Protective effect	Preventive effect against blue stain (as per EN 152) and mould (as per EN 15457). Special binder combination ensures outstanding water-repellent effect . Protection against sunlight through use of UV-stable, lightfast pigments.
Active substances	100 g contains: 0.95 g IPBC
Properties	<ul style="list-style-type: none">• Open-pored• Weather-resistant• UV-stable• Moisture-regulating• Spreads easily, outstanding flow properties• Good penetration capability• Virtually odourless owing to use of low-aromatic solvents, odourless after drying• Highly transparent – accentuates structure and grain• No flaking, hence easy to maintain without sanding
Scope of application	Ideal for decorative surface finishing of coniferous wood types outdoors without ground contact. For wooden houses, exterior cladding, carports, balconies, fences, etc.
Shades	Colourless, Scots Pine, Pine/Scots Pine, Pine, Light Oak, Rustic Oak, Chestnut, Teak, Walnut, Rosewood, Ebony, Spruce Green, Silver Grey
Container sizes	0.75 l 2.5 l 5 l 20 l (trade users only)

2. Technical data

Density 20 °C	Approx. 0.86 g/cm ³
Viscosity	Thin
Flashpoint	> 61 °C
Drying	<p>In a standard atmosphere (23 °C, 50% relative humidity as per DIN 50014) and on normal wood types such as Scots Pine and spruce, surface-dry after approx. 5 hours. Coatable after approx. 10 hours. In adverse weather conditions (air humidity, low temperatures, low air exchange), drying can be much slower. Certain wood types can also slow down drying.</p> <p>Optimum processing and drying temperature +15 °C to +30 °C (applies to undercoat, Koranol® Impregnation Scumble and ambient temperature). Drying temperature at least +5 °C.</p>

3. Processing

Preparation	<p>Remove opaque coating systems, clear varnishes or thick-layer scumbles completely. Sand highly-weathered wood in order to remove protruding wood fibres and attain a smooth wooden surface. New, planed wooden surfaces should also be sanded for improved material absorption (grain 80/120). Clean dirt and dust from wooden surfaces. Wear a dust mask when sanding. Cover bituminous materials and plastics, as well as plaster, concrete and stoneware due to potential soiling. Tie up plants and avoid splashes on them. When applying (painting) and during the drying phase, a suitable covering (e.g. plastic sheet, tarpaulin) must be used to cover the ground/floor. Provide adequate ventilation (industrial ventilation or keeping windows and doors open). The stay in the treated area should be minimised. When using outdoors, it is important to protect freshly painted wood against rain until it has dried completely.</p>
Tested application quantity	166–180 ml/m ²
Application methods	Painting, dipping, flooding, spraying in enclosed installations only, power painters.
Application recommendations	<p>Koranol® Impregnation Scumble is ready to use. Stir thoroughly before use and apply undiluted straight from the original container. Read the text on the label!</p> <p><u>Painting:</u> Paint with the grain, using a soft brush. Wear suitable protective clothing, e.g. protective gloves. For more even colouring of wood with differing absorbency (e.g. spruce, Scots pine), prime with Koranol® Colourless Impregnation Scumble before applying the coloured scumble. <u>Dipping, flooding, power painters, spraying (in enclosed installations only):</u> 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):</p> <ul style="list-style-type: none">- Wear protective chemical-resistant gloves during the product handling phase.- A protective overall (at least type 6, EN 13034) shall be worn. <p>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). Application by professionals must be conducted on impermeable hard standing within a contained area (indoors or outdoors under roof).</p>

Before large-scale processing, check the shade: we thoroughly recommend a trial coat. All shades can be mixed with each other. **The colourless variety is not suitable as a sole coat for outdoors.** Wood moisture content must not exceed 20%. Greyed surfaces (old timber) and wood types with intrinsic colour affect the selected shade: This particularly applies to the lighter scumble shades (e.g. Scots Pine). 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. In the case of unprotected end-grain surfaces, water absorption can cause coloured constituents to be washed out of the wood and discolour light plaster surfaces and masonry beneath it. In these cases, we recommend sealing the end-grain surfaces with at least two coats of Koralan End Grain Wood Protection after treatment with Koranol® Impregnation Scumble. The lower end-grain surfaces should be undercut to create a drip edge.

Properties of the treated wood

The dried scumble is compatible with plastics and bituminous materials and does not affect the flammability of the wood.
Does not attack glass or metal.

Renovation

Old surfaces coated with Koranol® Impregnation Scumble are easy to renovate. Clean dirt and dust from wooden surfaces and then touch up with Koranol® Impregnation Scumble.

Cleaning the tools

Use brush cleaner, white spirit or synthetic resin thinner. Reuse the tools and brushes or dispose of them as hazardous waste.

4. Special instructions

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

Signal word: Danger

Hazard statements:

H304 May be fatal if swallowed and enters airways.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P273 Avoid release to the environment.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental hazard information:

EUH 066 Repeated exposure may cause skin dryness or cracking.
EUH 208 Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

Hazardous ingredients for labelling:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %); Alkanes, C11-15- ISO; Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Instructions for use and warnings

Application by means of dipping, flooding, power painter or spraying 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. 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. Use only outdoors or in well-ventilated areas. **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. Keep children and pets away from treated surfaces until dried. **Do not use near open lights or flames.** Provide adequate ventilation during processing and drying. 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. Protect containers against damage. Do not discharge into the sewage system. Do not apply near bodies of surface water or in the area of water protection zones.

Do not store at temperatures below +5 °C or over +30 °C, and store away from sunlight.

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

HSL10

EWC/Waste Catalogue Ordinance (AVV)

03 02 05 – Other wood preservatives containing dangerous substances.

VOC content

According to Directive 2004/42/EC, the maximum limit value (VOC content cat. A/f) for this product is 700 g/l (2010). The product has a VOC content of < 700 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.