



THE BEST FOR YOUR WOOD

Koranol[®]

Imprägnierlasur

(Impregnation scumble)

1. Product description

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| Product type | Premium wood protection scumble based on alkyd resin, containing solvents. Impregnation, primer and decorative weather protection in one product. |
| Protective effect | Excellent water-repellent effect due to a special binder combination. Contains waxes to reduce moisture absorption. Protection from sun due to the use of UV-stable, highly lightfast pigments. The coating is protected against blue stain and mould infestation (film protection). |
| Properties | <ul style="list-style-type: none">• Open-pored• Weather-resistant• UV-stable• Moisture-regulating• Easy to spread, excellent levelling properties• High penetration capacity• Low odour due to the use of low-aromatic solvents, odourless after drying• Highly transparent - enhances structure and grain• No flaking, therefore easy to reapply without sanding |
| Application area | Ideal for decorative surface design of coniferous woods in outdoor areas without ground contact. For log cabins, exterior panelling, carports, balconies, fences, etc. |
| Colour shades | Colourless, pine, Scots pine/stone pine, light oak, rustic oak, chestnut, teak, walnut, rosewood, ebony, fir green, silver grey, granite, quartz, anthracite, driftwood |
| Container sizes | 0.75 l 2.5 l 5 l |

2. Technical data

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| Density 20 °C | approx 0.86 g/cm³ |
| Viscosity | Fluid |
| Flash point | > 61 °C |
| Drying | <p>Surface-dry after approx. 5 hours in a standard climate (23 °C, 50% relative humidity according to DIN 50014) and on standard types of wood such as pine and spruce. Can be coated after approx. 10 hours. In case of unfavourable weather conditions (high humidity, low temperatures, low air exchange), drying can be significantly delayed. Depending on the type of wood, drying may be retarded as well.</p> <p>Ideal processing and drying temperature +15 °C to +30 °C (applies to substrate, Koranol® Impregnating Scumble and ambient temperature).</p> <p>Drying temperature at least +5 °C.</p> |

3. Processing

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| Preparation | <p>Completely remove opaque paint systems, clear coats or thick-layer varnishes. Sand heavily weathered wood to remove protruding wood fibres and to achieve an even wood surface. New, planed wood surfaces should also be sanded to improve material absorption (grain size 80/120). Remove dirt and dust from wooden surfaces. Wear a dust mask when sanding. Cover bituminous materials and plastics as well as plaster, concrete and stoneware because possible soiling. Tie back plants and do not wet them. During application (painting) and during the drying phase, use a suitable cover (e.g. film, tarpaulin) to protect the floor. Always ensure good ventilation. When applied outdoors, it is important to protect the freshly painted wood from rain until it has completely dried.</p> |
| Application quantity | 120-160 ml/sqm in two working steps |
| Application methods | <p>Brushing.</p> <p>Commercial processors/specialist companies:</p> <p>Brushing, dipping, flooding, spraying only in closed systems, automatic coating machines.</p> |
| Application recommendations | <p>Koranol® Imprägnierlasur (Impregnation Scumble) is ready to use. Stir well before use and apply undiluted directly from the original container.</p> <p>Observe the label texts!</p> <p>Paint with a soft brush in the direction of the fibres. Wear suitable protective clothing, e.g. protective gloves. For a more even colouring of wood with varying absorbency (e.g. spruce, pine), Koranol® Imprägnierlasur (Impregnation Scumble) Colourless can be used before applying the coloured scumble. Wood that has recently been coated should be stored under a roof or on a solid and impermeable surface to prevent dripping product residues from escaping into the ground, drains and waterways.</p> <p>All colour shades can be mixed with each other. The colourless variant is not suitable as the sole coating for exterior use. Please check the colour shade before applying to large areas. The colour shades are influenced especially by the substrate properties, type of wood, application method and quantity. In order to avoid colour deviations, material with the same production date / batch number only should be applied to an object.</p> <p>A test coating is always recommended. Wood moisture content must not exceed 20%. In combination with constructive wood protection measures, the treated surface is protected against moisture absorption so that treatment with a blue stain-resistant primer is not necessary.</p> |

If additional protection against wood-discolouring and wood-destroying fungi is required, we recommend impregnation with e.g. Koranol® Primer colourless (solvent-based). For façade constructions, formwork and profiled boards, we always recommend coating all sides to minimise moisture absorption from the rear. After coating with Koranol® Imprägnierlasur (Impregnation Scumble), unprotected end grain surfaces should be treated with Koralan® End Grain Protection (at least two coats) as well. The lower end grain surfaces should be undercut to create a drip edge. These measures minimise the risk of water absorption and prevent, for example, coloured ingredients from being washed out of the wood and discolouring underlying light-coloured plaster surfaces and masonry.

Properties of treated wood

The dried scumble is compatible with plastics and bituminous materials and does not affect the combustibility of the wood.

Refurbishments

Old surfaces coated with Koranol® Imprägnierlasur (Impregnation Scumble) can be refurbished easily. Remove dirt and dust from the wood surface and then recoat with Koranol® Imprägnierlasur (Impregnation Scumble).

Tool cleaning

Use brush cleaner, white spirit or synthetic resin thinner. Reuse tools and brushes or dispose of 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:

- EUH066 Repeated exposure may cause skin dryness or cracking.
- EUH208 Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.
- EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Hazardous ingredients for labelling:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)

**Instructions for use
and warnings**

Misuse may cause health problems and lead to environmental damage. Koranol® Imprägnierlasur (Impregnation Scumble) should not be used on wood that is intended to come into direct contact with food or animal feed. Furthermore, do not apply to the inside of beehives, greenhouses and saunas. Tie back plants and do not wet them. Only use in outdoor areas or in well-ventilated rooms. **Do not apply to wood for indoor/living areas.** Avoid contact with skin and eyes. Do not eat, drink or smoke while working. Keep away from food, beverages and animal feed. **Do not work near an open fire and open flames.** Ensure adequate ventilation during processing and drying.

**Storage and
environmental
protection**

Only store in the original containers ! Close containers tightly after use. Protect containers from damage. Do not allow to get into the sewer system. Do not store at temperatures below +5 °C or above +30 °C and protect from sunlight.

Disposal

Dispose of cleaning residues and containers that are not completely empty properly(hazardous waste collection point). Completely empty (drip-free) containers should be placed in special collection containers. Product residues must be collected and reused or disposed of as hazardous waste. They must not be allowed to enter the soil, ground or surface water or the sewage system.

Product code:

BSL 40

**EAK / German Waste
catalogue regulation
[AVV]**

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

VOC content

According to Directive 2004/42/EC, the maximum 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 information has been compiled according to the latest state of knowledge in development and application technology and contains general advisory information. It describes our products and provides information about their application and processing.

Since the application and processing is beyond our control, we are only liable for the consistent quality of our products in accordance with our General Terms and Conditions of Sale and Delivery. In cases of doubt, please contact our technical support.