



THE BEST FOR YOUR WOOD.

Koralan[®] Designlasur

(Koralan[®] Design Scumble)

1. Product description

Product type	Natural oil and water-based wood scumble, with effect pigments. For the initial coating and care of high-quality wooden components outdoors. Fulfils the requirements of DIN EN 71-3 ("Safety of toys") according to Directive 2009/48/EC.
Properties	• Gloss effect • Weather-resistant • Gives a glazed effect • Good penetration into wood • Good flow properties • Moisture regulating • No blocking • No flaking • With natural oils and waxes
Scope of application	For surface finishing and decorative surface design of exterior wood without ground contact. Ideal for modern wooden façades or façade profiles, but also for wood in the garden, e. g. privacy screens and garden furniture.
Colour shades	Crystal, Silver, Platinum, Slate, Amber, Pyrite, Sand, Petrol, Coral, Opal, Onyx, Quartz. Other shades on request.
Container sizes	1 l 2.5 l 18.5 l

2. Technical data

Density 20 °C	approx. 1.02 g/cm ³ , depending on the shade
Viscosity 20 °C	approx. 13 sec. (DIN 4 mm cup)
Drying	In standard climate conditions (23 °C, 50 % relative humidity as per DIN 50014) and on normal wood species, such as pine and spruce. Dust-dry: after approx. 3 hours Recoatable: after approx. 8 hours Ensure good air circulation during the drying process! This applies in particular to structural elements that are dried in enclosed areas after the coating process (workshops and halls). Drying can be significantly improved by using air flow (use of fans). Low temperatures, increased humidity and poor air circulation will slow down drying. Depending on the type of wood, drying may also be slowed down by up to several days.

3. Processing

Preparation	In combination with structural wood protection measures, the treated surface is protected against moisture absorption so that treatment with a blue stain-resistant primer is not necessary. If additional protection against wood-dwelling and wood-destroying fungi is necessary, we recommend an impregnation with, for example, Koranol® Grundfarblos (Impregnation Primer Colourless - solvent-based). Clean the surface of the wood. The surface of the wood must be free of dust and grease. New planed wooden surfaces should also be sanded to improve the material absorption (grain size 80/120). Sharp edges must be removed and rounded off. Use a P2 dust filter when grinding.
Usage	Approx. 120–160 ml/m² (approx. 80–100 ml/m² on tropical wood) for two coatings. In the case of highly absorbent substrates, take additional consumption into account.
Application methods	Brushing, rolling, dipping, flooding, power painter, VACUMAT®
Application	Stir well before use. Apply undiluted sparingly, moving the brush or roller with the grain, e.g. for wood mouldings piece by piece). Avoid the formation of puddles and remove excess material. Recommended processing temperature +15 °C to +30 °C (applies to the substrate, material and ambient temperature). Drying temperature: at least +5 °C.

The wood moisture content must not exceed 20%. After use, cover the dipping tank with a floating lid to prevent air pockets from forming. Any water losses caused by the flooding system must be compensated accordingly. The drying times between the individual applications must be adhered to. When processing in dipping tanks, switch on the circulation system before starting work or after longer breaks.

Application

When pre-treating wood with a solvent-based wood preservative (e.g. Koranol® Grund - Primer), allow at least 5 days drying time in normal climatic conditions.

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. We always recommend applying a test coating first.

For tropical woods that are very oily or resinous (e.g. Massaranduba), we recommend degreasing, the wood before the first treatment or exposing it to weather for 6 to 8 weeks. Otherwise, staining or defects may occur in the surface finish. Shade shifts may occur in wood rich in natural substances (e.g. Siberian larch). When applied outdoors, it is important to protect the freshly coated wood from rain until it has completely dried.

Cleaning the tools

After use with water and detergent. Do not store cleaning residues temporarily at the system (risk of microbial contamination of the working solution). Do not allow material and cleaning residues to enter the sewage system. Do not wash painting tools in sinks or drains.

4. Special instructions

Labelling according to Regulation (EG) No. 1272/2008 [CLP]

Hazard warnings:

H412 Harmful to aquatic organisms, with long-term effects.

Safety instructions:

P273 Avoid release into the environment.

P501 Dispose of contents/container at recycling or disposal facilities.

EUH208 Contains a mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 1,2-benzisothiazolin-3-one, 3-iodo-2-propynyl butylcarbamate, 2-methyl-2H-isothiazol-3-one. May cause allergic reactions.

Instructions for use and warnings

Misuse may cause health problems and lead to environmental damage.

Keep out of reach of children.

Avoid skin and eye contact; wear suitable protective clothing (e.g. protective gloves, goggles).

Keep away from food, drinks and animal feed stuffs.

Tie back plants and do not wet them.

If medical advice is required, have the packaging or label at hand.

After working, wash your face and hands thoroughly with soap and water.

**Storage and
environmental
protection**

Store only in original containers!
Close the container tightly after use.
Use opened containers as soon as possible.
Do not discharge into surface water or the sewage system.
Do not store at temperatures below +5 °C or above +30 °C.

Shelf life

Cool, protected from frost and stored dry in the unopened original container for at least 12 months.

Disposal

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

Product code

BSW50

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

08 01 20 – Aqueous suspensions containing paint or varnish, apart from those covered by 08 01 19.

VOC content

According to Directive 2004/42/EC, the maximum value (VOC content Cat. A/e) for this product may not exceed 130 g/l (2010). The VOC content of this product is <130 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.