



THE BEST FOR YOUR WOOD.

Koralan®

UK 100

1. Product description

Product type	Acrylate- and water-based glaze concentrate. For decorative wood finishing in both craft and industrial applications.
Properties	• Highly concentrated • Easy to dilute with water • Fast drying • Trouble-free flow • Low upridging of wood grains • Moisture regulating • Block-resistant • Mild odour, odourless after drying
Scope of application	Colouring treatment of formwork girders, scaffolding boards, pallets, etc.
Colour shades	Colours on request
Container sizes	20 l 1,000 l

2. Technical data

Density 20 °C	Approx. 1.00 - 1.40 g/cm ³ (depending on shade)
Viscosity 20 °C	Approx. 15 sec. (DIN 4 mm cup)(depending on shade)
PH value	approx. 8.5
Drying	For normal climate (23 °C at 50% relative humidity according to DIN 50014): Surface drying: after approx. 1 hour Stackable: after approx. 2-3 hours Low temperatures, low air exchange and increased humidity lead to drying delays. Forced drying is possible.

3. Processing

Preparation	Clean the surface of the wood. The surface of the wood must be free of dust and grease.
Application quantity	Approx. 80 – 120 ml/m ² ready-to-use product, depending on the absorbency of the subsurface and application.
Application methods	Brushing, dipping, flooding, power painter, VACUMAT®
Application	Check the colour shade before applying to large areas; we always recommend a test coat. Stir the product thoroughly before use and dilute with water to the desired concentration for application. Recommended processing temperature +15 °C to +30 °C (applies to the subsurface product and ambient temperature). Drying temperature: at least + 5 °C. Dilute the material with water, stirring continuously, to the required concentration. Depending on the colour and intended use, 1:4 to 1:20 parts are diluted (one part concentrate and 4 to 20 parts water). Before application, the surface must have been properly prepared (sanded, cleaned). Do not inhale any sanding dust and dispose of it properly. Use a P2 dust filter when sanding. When coating wood for outdoor use, a pre-treatment with a wood protection primer is required. The intensity of the colour depends on the degree of dilution, the texture of the surface and the moisture content of the wood. The wood moisture content of the component to be treated must not exceed 12% for hardwood and 15% for softwood. Product contains biocides to protect the ready-to-use dipping solution from fungi / yeasts / moulds. Therefore, it is essential to observe the dilution ratio and use only in accordance with the instructions for use. If necessary, the dipping container must be re-conserved; please consult our technical advice.
Cleaning the tools	After use, wash with water and washing-up liquid. Do not store cleaning residues temporarily on coating equipment (risk of microbial contamination of the working solution). Do not allow material or cleaning residues to enter the mains drainage system. Do not rinse painting tools in sinks or down drains.

4. Special instructions

Produktsicherheit	Further information on labelling, transport, storage and handling, as well as on disposal and environmental considerations, can be found in the relevant, up-to-date safety data sheet.
Instructions for use and safety warnings	Misuse may cause health problems and lead to environmental damage. Avoid contact with the eyes; wear suitable protective clothing (e.g. protective gloves, safety goggles; when applying by spraying, wear respiratory protection with a combined A2/P2 filter). Do not eat, drink, smoke while processing. Keep away from food, drinks and animal feed. Keep under lock and key, and out of reach of children. In case of accident, if you feel unwell or if swallowed, seek medical advice immediately and show the packaging or label. Wash your face and hands thoroughly with soap and water after handling.
Storage and environmental protection	Store in original containers only! Close the container tightly after use. Use opened containers as soon as possible. Do not store at temperatures below +5 °C or above +30 °C.
Shelf life	Store in a cool, frost-free and dry place in the unopened original container for at least 24 months.
Disposal	Dispose of cleaning remains properly as well as containers that are not completely empty (collection point for hazardous waste). Place emptied (drip-free) containers in recycling material containers.
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	The maximum value (VOC content cat. A/e) for this product is, as per Directive 2004/42/EC: 130 g/L. The VOC content of this product in the ready-to-use condition 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.

As application and processing are beyond our control, we are liable only 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 advisory team.