

Koralan[®]

UK 110

1. Product Description

Product type	Acrylate-based scrubble concentrate for the industrial coating of wood for outdoor areas, such as garden timber, formwork walings, scaffolding boards.
Properties	<ul style="list-style-type: none">• Highly concentrated• Easily soluble in water• Fast drying• Smooth flow• Low grain direction• Moisture-regulating• Block-resistant• Mild odour, odourless after drying
Application	For colour treating garden timber, formwork walings, scaffolding boards, etc.
Shades	Shades on request
Container sizes	20 l 1000 l

2. Technical Data

Density 20 °C	Approx. 1.00 - 1.40 g/cm ³ (depending on the colour)
Viscosity 20 °C	Approx. 15 sec. (DIN 4 mm tub) (depending on the colour)
pH value	Approx. 8.5

Drying

In normal ambient conditions (23 °C at 50% relative humidity as per DIN 50014):

Drying:	after approx.	1 hour
Stackable:	after approx.	2 - 3 hours

Low temperatures as well as increased humidity may slow down drying. Forced drying is possible.

3. Processing

Preparation

Clean the wood surface. The wood surface must be free of dust and grease.

Application quantity

Approx. 80 - 120 ml/m² of ready-to-use diluted product, depending on the absorbency of the substrate and application.

Application method

Painting, dipping, flooding, applying with a VACUMAT® power painter

Application

Check the colour before processing a large area; we recommend that you always make a trial application.

Stir Koralan® UK 110 well before use.

Koralan® UK 110 should be diluted to the application concentration in water.

Optimum processing temperature +15 °C to +30 °C (applies to the substrate, Koralan® UK 110 and ambient temperature). Drying temperature at least + 5 °C. Dilute Koralan® UK 110 to the application concentration by stirring in water. Dilute in water with a ratio of 1:2 to 1:10 depending on the colour and application (one part concentrate and 2 to 10 parts water). Make sure that you treat the surface properly (sand, clean) before applying Koralan® UK 110. Do not breathe in the resulting sanding dust and dispose of it properly. A pretreatment with a wood preservative primer is required when coating wood for outdoor use. The intensity of the colour is dependent on the dilution ratio, surface quality as well as the wood moisture content. The wood moisture content of the component to be treated should not exceed 12% with hardwood and 15% with coniferous wood. Koralan® UK 110 contains biocides to protect the ready-to-use dipping solution against fungi / yeasts / mould. It is therefore important to observe the dilution ratio and use it in accordance with the usage instructions. A corrosion protection agent may need to be re-applied to the dipping tank; please seek technical advice in this respect.

Tool cleaning

Immediately after use with water and detergent. Dispose of cleaning residues properly and do not store temporarily with the equipment (risk of microbial infestation).

4. Special Instructions

Labelling in accordance with Regulation EC 1272/2008 [CLP]

Hazardous ingredients for labelling:

2-methyl-2H-isothiazol-3-one; 3-iodo-2-propynyl butylcarbamate; 1,2-benzisothiazol-3(2H)-one; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Warnings:

H373 May cause damage to organs through prolonged or repeated exposure.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Safety instructions:

P273 Avoid release to the environment.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
P337+P313 If eye irritation persists: Get medical advice / attention.
P305+P351+P338 If in eyes: Rinse gently with water for several minutes. Remove contact lenses if possible. Continue rinsing.
P302+P352 If on skin: Wash with plenty of soap and water.
P501 Arrange for the contents / containers to be taken to an appropriate disposal point.

Supplemental hazard information:

EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
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Instructions for use and warnings

Misuse may cause health problems and lead to environmental damage. Avoid skin and eye contact; wear suitable protective clothing (e. g. protective gloves, safety goggles, breathing protection when applying the paint in a spraying process). When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Keep locked up and out of the reach of children. In the case of an accident, if you feel unwell or if swallowed, seek medical advice immediately and show this packaging or label. Clean hands and face thoroughly with soap and water after finishing work.

Storage and environmental protection

Observe the statutory provisions for keeping ground water, surface water and air clean when storing and processing the product. Only store in original containers! Seal container tightly after use. Do not store at temperatures below +5 °C or above +30 °C.

Disposal

Ensure proper disposal of cleaning residues as well as containers that are not 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 other than those mentioned in 08 01 19.

VOC content

The maximum value (VOC content cat. A/e) for this product must be 130 g/l from 2010 onwards as per Directive 2004/42/EC. The VOC content of this product in a - ready-to-use condition is < 130 g/l.

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.