



THE BEST FOR YOUR WOOD

# Koralan®

## EL 510

### 1. Product description

<b>Product type</b>	Acrylate-based wood scumble for industrial coating of wood elements outdoors, e.g. garden furniture, fences and boards.
<b>Properties</b>	<ul style="list-style-type: none"><li>• Water-repellent</li><li>• Gives a glazed effect</li><li>• Good flow properties</li><li>• Moisture-regulating</li><li>• Easy to sand</li><li>• Slight raising of the grain</li><li>• Good filling of pores in wood</li></ul>
<b>Scope of application</b>	Wood outdoors that has been treated beforehand with an aqueous or solvent-based wood preservative (e.g. Koranol® Primer).
<b>Shades</b>	Shades on request
<b>Container sizes</b>	20 l   120 l   1000 l

## 2. Technical data

<b>Density 20 °C</b>	Approx. 1.01–1.02 g/cm <sup>3</sup>
<b>Viscosity 20 °C</b>	Approx. 13 sec. (DIN 4 mm cup)
<b>Drying</b>	In a standard atmosphere (23 °C at 50% relative humidity as per DIN 50014) and on normal wood types such as Scots Pine and spruce:  Dust-dry:                      Coatable after approx. 1 hour Sandable/recoatable:      After approx. 3 hours  Low temperatures and increased air humidity slow down drying.

## 3. Processing

<b>Preparation</b>	Clean wooden surface. The wooden surface must be free of dust and grease.
<b>Application quantity</b>	Approx. 120–160 ml/m <sup>2</sup> in 2 coats With highly absorbent substrates, consider using more.
<b>Application methods</b>	Painting, dipping, flooding, VACUMAT®
<b>Application</b>	Before large-scale processing, check the shade: we thoroughly recommend a trial coat.  Stir Koralan® EL 510 thoroughly before use. Apply Koralan® EL 510 undiluted.  Optimum processing temperature +15 °C to +30 °C (applies to substrate, Koralan® EL 510 and ambient temperature). Drying temperature at least +5 °C  After use, provide a floating cover for the dipping tank so that no air pockets are formed.  Water losses that occur on account of the flooding system must be compensated accordingly.  The drying times between individual floodings must be observed. Intermediate sanding is advised.  Before starting work and after lengthy breaks, switch on the circulation in the dipping tank.  When pre-treating wood with a solvent-based wood preservative (e.g. Koranol® Primer), a drying time of at least 3 days in a standard atmosphere must be observed.  The intensity of the shades is influenced by substrate condition, wood type and application method.
<b>Cleaning the tools</b>	With water and detergent immediately after use. Dispose of cleaning residue correctly and do not store temporarily in the system (risk of microbial infestation).

## 4. Special instructions

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

#### Hazardous ingredients for labelling:

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

#### Hazard statements:

H412 Harmful to aquatic life with long lasting effects.  
H317 May cause an allergic skin reaction.

#### Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273 Avoid release to the environment.  
P280. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### Instructions for use and warnings

Inappropriate use can be harmful to health and the environment. Keep locked away and out of reach of children. Avoid skin and eye contact, wear suitable protective clothing (protective gloves, goggles). Keep away from food, drink and animal feed stuffs. In case of accident, if you feel unwell or if you swallow the product, seek medical advice immediately and show the packaging or label. After working, wash your face and hands thoroughly with soap and water.

### Storage and environmental protection

When storing and processing, follow the statutory regulations on pollution control of groundwater, surface water and air.  
Store only in the original containers.  
Close the container tightly after use.  
Do not discharge into surface water or the sewage system.  
Do not store at temperatures below +5 °C or over +30 °C.

### 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.

### EWC/Waste Catalogue Ordinance (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 permitted limit value (VOC content cat. A/e) for this product is 130 g/l from 2010. 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.

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.