

# Koralan<sup>®</sup>

# Hirnholzschutz

(Koralan<sup>®</sup> End Grain Wood Protection)

## 1. Product Description

<b>Product type</b>	Moisture regulating, water-based, colourless coating. For the treatment of end grain surfaces. For outdoor use.
<b>Protective effect</b>	Reduces the water or moisture uptake of the wood. Effective reduces the bleeding of coloured wood constituents.
<b>Properties</b>	<ul style="list-style-type: none"><li>• Moisture-regulating</li><li>• Reduces the bleeding through of wood constituents</li><li>• Reduces the water or moisture uptake of the wood</li><li>• Elastic</li><li>• Fast drying</li><li>• Low odour, odourless after drying</li><li>• Can be overpainted</li><li>• Easy to handle</li></ul>
<b>Application</b>	Sealing of end grain surfaces
<b>Shade</b>	Colourless after drying
<b>Container sizes</b>	250 ml   0.75 l   2.5 l

## 2. Technical Data

<b>Density 20 °C</b>	Approx. 1,09 g/cm <sup>3</sup>
<b>Viscosity</b>	High viscous
<b>Drying</b>	<p>Surface dry after approx. 1 hour in normal ambient conditions (23 °C at 50% relative humidity as per DIN 50014): as well as on common types of wood, such as Scots pine and spruce.</p> <p>Drying may take longer in unfavourable weather conditions (high humidity, low temperatures, minimal air change). Drying may also take longer depending on the wood.</p>

## 3. Processing

<b>Preparation</b>	The wooden surfaces must be free of grease, dirt and dust. Wear a dust mask when sanding. Cover bituminous materials and plastics as well as plaster, concrete and stoneware to protect them from any possible dirt. Tie back plants and do not wet them.
<b>Application quantity</b>	Approx. 150–200 ml/m <sup>2</sup> in 2 coats
<b>Application method</b>	Brushing, rolling
<b>Application</b>	<p>Stir Koralan® End Grain Wood Protection well before use. Apply undiluted with a soft brush or roller. The wood moisture content must not exceed 20%.</p> <p><b>Optimum processing and drying temperature: +15 °C to +30 °C (applies to the substrate, Koralan® End Grain Wood Protection and the ambient temperature).</b> <b>Drying temperature: at least +5 °C.</b></p>
<b>Properties of treated wood</b>	The flammability of the wood does not increase after the primer dries.
<b>Corrosion behaviour</b>	Does not attack glass and metal.
<b>Overpainting</b>	After thorough drying with scumbles, thick-film glazes, dispersions and varnishes. We recommend that you always make a trial application.
<b>Tool cleaning</b>	Immediately after use with water and detergent.

## 4. Special Instructions

<b>Labelling according to Regulation (EC) No. 1272/2008 [CLP]</b>	EUH208	Contains 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. May produce an allergic reaction.
	EUH210	Safety data sheet available on request.
<b>Instructions for use and warnings</b>		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, safety goggles). When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. If medical advice is needed, have product container or label at hand.
<b>Storage and environmental protection</b>		Do not empty into surface waters or drains. Only store in original containers! Seal container tightly after use. <b>Do not store at temperatures below +5 °C or above +30 °C.</b>
<b>Disposal</b>		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.
<b>EWC / German waste catalogue regulation AVV</b>		08 01 20 – Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19.
<b>VOC content</b>		The maximum value (VOC content cat. A/g) for this product must be 30 g/l (2010) as per Directive 2004/42/EC. The product has a VOC content of < 30 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 Sales and Delivery. We recommend that you make use of our technical advice in case of doubt.