



THE BEST FOR YOUR WOOD

# Koralan<sup>®</sup>

# Parkettlack

(Koralan<sup>®</sup> Parquet Varnish)



## 1. Product Description

<b>Approval number</b>	Z-157.10-36
<b>National technical approval</b>	German Institute for Building Technology, Berlin. Emissions-tested building product as per DIBt primer specifications.
<b>Product type</b>	Aqueous surface coating for polyurethane/acrylate-based parquet flooring and floorboards. For surface seals that are highly resistant to abrasion. <b>Requirements according to DIN EN 71-3 are complied with (safety of toys) according to RL 2009/48/EG.</b>
<b>Effect</b>	Protects mechanically stressed wood indoors from dirt, dust and stains.
<b>Properties</b>	<ul style="list-style-type: none"><li>• Easy to handle</li><li>• Very good flow properties</li><li>• Self-curing, a hardener does not need to be added</li><li>• Faint odour, odourless after drying</li><li>• Silk gloss finish</li><li>• Enhances the wood grain</li><li>• Fast drying</li><li>• Easy to sand</li><li>• High abrasion resistance</li><li>• Good chemical resistance</li><li>• Resistant to oils, alcohol, juices, greases, cleaning agents, water</li></ul>
<b>Application</b>	Wood indoors, such as parquet floors, floorboards, stair treads, internal doors, banisters, furniture, OSB panels etc.
<b>Shade</b>	Colourless
<b>Container sizes</b>	0.75 l   2.5 l   10 l

## 2. Technical Data

<b>Density 20 °C</b>	Approx. 1.04 g/cm <sup>3</sup>		
<b>Viscosity 20 °C</b>	Approx. 35 sec. (DIN 4 mm tub) (DIN 53211)		
<b>Drying</b>	Dust-dry:	after	20 minutes
	Dry to touch:	after	60 minutes
	Sanding:	after	8 hours
	Can be walked on:	after approx.	8 hours, preferably after 24 hours

Furniture may be moved back no earlier than after 24 hours (place felt gliders on furniture).

Fully cured after 10 to 14 days.

Do not place rugs on the surface until approx. 10 days have elapsed.

Temperature, humidity and the type of wood affect the drying.

Do not clean with steam cleaners. Only clean with a damp cloth or mop.

Low temperature and high humidity delay the drying.

## 3. Processing

**Processing**

The substrate must be dry, clean, load-bearing and free of grease, glue and wax. The wood moisture content should not exceed 12%. Do not treat plastic-coated surfaces, newly finished parquet floors and laminate floors. Sand and smooth wood in the direction of the wood grain if possible using 100-150 grit sand paper or a single disc sander with a 240 gritsanding disc. Sand old, existing varnish coatings and industrially treated parquet floors (powder-coated, UV varnish, radiation-cured varnishes) down to the bare wood. Then remove the dust with a damp cloth/industrial vacuum cleaner.

**Application method**

Brushing, rolling or spraying in appropriately equipped spraying systems (extraction)

With a 100/2 roller or a 250/15 roller for wide surfaces. Commercially available mohair or flocked moltoprene rollers from a specialist painting and decorating store are suitable for this.

Rinse rollers thoroughly with water before use.

Store in a plastic bag during work breaks. Tools should be made of stainless steel.

### Spraying process:

Cup gun:	Nozzle size	1.2–1.5 mm
	Spraying pressure	3–4 bar

Airmix/Aircoat:	Nozzle size	0.009"–0.011" with a spraying angle of 20–40°
	Spraying pressure	60-100 bar
	Atomising pressure	2.0–2.5 bar

## **Application**

Koralan® Parquet Varnish is ready for use. Stir the contents of the container well before use.

**Do not process below +15 °C or above +30 °C. (Applies to the substrate, Koralan® Parquet Varnish and the ambient temperature).**

### 1st coat

It is important to ensure that the roller is well saturated with Koralan® Parquet Varnish. Apply the varnish without pressure and preferably without air bubbles. Spray in accordance with the recommendations.

Application quantity: 125 g/m<sup>2</sup>

The waiting period until the next coat is at least 6 to 8 hours. It is better to wait until the next day. Forced drying 45 min. 40 °C recirculating air for industrial systems with a wet film thickness of 100 µm.

### 2nd coat

Intermediate sanding with a single disc sander (240 grit). Then remove the dust from the wood and wipe with a slightly damp cloth.

Application quantity: 125 g/m<sup>2</sup>

Koralan® Parquet Varnish can be walked on after approx. 8 hours, but preferably after 24 hours. Fully cured after 10 to 14 days. A trial application must be made on wood with a high content of wood constituents (oak, Wenge, Merbau etc.). Forced drying is possible.

## **Renovation/ recoating**

Check the finished wood surfaces on a regular basis and repair minor damage immediately. This will prolong the durability of the wood. Clean the wood and sand and remove dust from the wood as described for the 2nd coat.

## **Tool cleaning**

Immediately after use with water and detergent.

## 4. Special Instructions

<b>Labelling in accordance with Regulation (EC) No. 1272/2008 [CLP]</b>	EUH208	Contains 1,2-benzisothiazol-3(2H)-one ; REACTION MASS OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1). 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. When using, do not eat, drink or smoke. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. If medical advice is needed, have the packaging or label at hand. Avoid skin and eye contact, wear suitable protective clothing (e.g. protective gloves, safety goggles). Do not breathe in the resulting sanding dust. Wear a dust mask.
<b>Storage and environmental protection</b>		Observe the statutory provisions for keeping ground water, surface water and air clean when storing and processing the product. 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>Water hazard class</b>		WGK 2 in accordance with AWSV
<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/e) for this product must be 130 g/l (2010) as per Directive 2004/42/EC. The product has a VOC content of < 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 Sales and Delivery. We recommend that you make use of our technical advice in case of doubt.