329 Kronen® Aqua Iso Stair Varnish

Insulating coating for parquet and wooden floors

Material description



Material type:

Intended use: Protection and sealing of parquet and wooden floors subject to normal to medium wear.
Also suitable for protected outdoor areas such as balcony furniture or wooden stairs.

Properties:

- Easy to apply
- Good abrasion resistance
- very high filling capacity
- good flow
- good resistance to footprints and common household chemicals
- high light fastness

Binder base: Self-crosslinking acrylate

Colours

Order no.:	**Colour**
	White RAL 9016, matt

Density: approx. 1.27 g/cm³

Packaging: 3 x 750 ml 2 x 2.5 l

Dilution: Water

Storage: Store in a cool, dry place. Shelf life 1 year in unopened original container. Protect from frost.

Application instructions

Substrate preparation: Sand the wood to a grain size of P120 (increasing), then remove any dust.

Coating structure: 2 - 3 coats of Kronen® Aqua Iso Stair and Parquet Varnish.
Between each coat, sand with P180 .
For heavy soiling, allow to dry for 12 hours between coats for ideal insulation.

Sealing: For gloss adjustment or increased protection in areas subject to heavy wear, Systemklarlack 670 Aqua Parkettseal can be used indoors and outdoors. Products can also be mixed together if required. To achieve better scratch resistance, mix approx. 10% of the coloured lacquer into the clear lacquer.

Application: Stir thoroughly before use. Intermediate sanding should be carried out after each coat of sealant. During the entire application and drying time, the material, substrate and air temperature must not fall below 15°C or exceed 30°C. The air humidity should be between 30% and 70% relative humidity throughout the entire period. Low temperatures and high air humidity prolong the drying time.

Tool cleaning: Clean with water immediately after use.

Cleaning/care: Clean with a damp cloth and mild household cleaners. Do not use abrasive cleaners. Care with suitable parquet care products increases the service life of the seal.

Labelling

Disposal: Only recycle completely empty containers. Hardened residues can be disposed of with household waste. Liquid paint residues must be disposed of at hazardous waste collection points or by authorised waste disposal companies.

Note Keep out of reach of children. Do not inhale spray mist. Ensure thorough ventilation during and after application. In case of contact with eyes or skin, rinse immediately with water. Do not allow to enter drains, water or soil. Clean tools immediately after use with soap and water. Only recycle completely empty containers. Dispose of liquid material residues at a collection point for old paint.

Other: The accident prevention regulations of BG Chemie "Processing of coating materials (VBG 23), the information sheet "Solvents" (M 017) and the "Technical Rules for Hazardous Substances (TRGS) 507" must be observed.

Remove food from the rooms concerned during processing and drying.

Further information can be found in the EC safety data sheet.

Processing instructions

Application method	**Brushing / rolling**	**Airless spraying**	**High-pressure spraying**	Low-pressure spraying
Thinning	Undiluted, maximum 5–10%	Undiluted, maximum 5–10%	~ 5–10%	~ 5
Viscosity				
Nozzle (mm)		515 Wagner	1.5 – 2 mm	
Spray pressure (bar)		140 – 180	2.5	
Tool	Microfibre 8–12 mm Fully synthetic bristles			

Drying / Recoatability	**Dust dry**	**hand dry**	**Paintable**	**Carefully walkable**	**Fully loadable**
(20°C/55% relative humidity) *	20 minutes	2 hours	2 hours	2 hours	5 days

Coverage	**Brush/roll**			
m² / ltr.	8			

Special

Only use non-rusting tools for application. If an old solvent-borne coat is being recoated, ensure that it is sanded down evenly. If the old coat is sanded down to the substrate in places, this may result in uneven drying and therefore staining.
The influence of alcohol, solvents, concentrated cleaning agents and plasticisers may cause softening and staining.
When coating fibreboard and/or tropical woods, wood constituents may cause drying problems. A test coat is recommended for critical or unknown woods. Do not cover floors until they have reached their final hardness (approx. 2 weeks) (e.g. with carpets). Follow the care instructions in DIN 18356.

* The specified drying times apply at 20°C / 55% relative humidity and sufficient air movement.
The following conditions can delay drying:

- low temperatures
- high air humidity
- excessive layer thickness
- lack of air circulation

As of 05/25
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