TEKNOFLOOR AQUA RUBY 4500-40



Water-borne 1C floor sealing coating for interior use

TEKNOFLOOR AQUA RUBY 4500-40 is a water-borne, highly abrasion-resistant 1C floor sealing coating for low-emission, odourless treatment of practically all softwoods and hardwoods. TEKNOFLOOR AQUA RUBY 4500-40 is also suitable as a top sealing coating on TEKNOFLOOR AQUA MINOPRIMER 6700-00 for anhydrite floors. The product is resistant to light and yellowing.

TECHNICAL DATA

Certificates, approvals and classification	Swiss environmental label UE II, class C, EMICODE EC 1 Plus
Fields of application	Floors
Recommended substrate	Anhydride, Wood
Solids	Approx. 30% by weight
Volatile organic compound (VOC)	Approx. 78 g/l (DIRECTIVE 2010/75/EU) The VOC value provided is the average value for factory produced products, and consequently it will be subject to variations between individual products covered by this Technical Data Sheet.
Theoretical spreading rate	120 g/m²; 8.3 m²/kg
Colours	Colourless.
Gloss (60°)	40
Density	Approx. 1.03 g/ml
Storage	Storage temperature is +5°C - +30°C. Store in a tightly closed container.

DIRECTION FOR USE

Surface preparation

Every substrate must be well-cleaned, dry and free from grease and oil. Coating removal: Sand .

Sand the wooden floor thoroughly with a belt sander/sanding net and then remove dust. When renovating, wax and varnish residues from old treatments must be completely removed.

We recommend that the entire surface is levelled with wood dust binding agents. Especially if the room climate is dry or the parquet floor is glued to underfloor heating.

Application method

Brush, Roller
When renovating or coating exotic wood species, we recommend using TEKNOFLOOR RENO PRIMER 3300-00.

Do not use on pear wood without a primer. Risk of film formation faults.

When using on dark woods please refer to the instructions in our VTM 5564 "White discolouration" in the areas around the joints of sealed dark wood floors.

Application

Stir or shake the product well for several minutes before use, if necessary by machine.

APPLICATION ADVICE		
Intensification of parquet		
	Product	Applied Quantity
Primer	TEKNOFLOOR RENO PRIMER 3300-00	125 g/m²
or	TEKNOFLOOR AQUA PARQUET PRIMER 4510-00	120 g/m²
Recoating	TEKNOFLOOR AQUA RUBY 4500	120 g/m²
Intermediate sanding	With grain 120-150	
Recoating	TEKNOFLOOR AQUA RUBY 4500	120 g/m²
Parquet not grain-accentuating		
	Product	Applied Quantity
Primer	RENO GRUND NORDIC 3338-00	125 g/m²
or	TEKNOFLOOR AQUA NATURE PRIMER 4538-00	120 g/m²
Recoating	TEKNOFLOOR AQUA RUBY 4500	120 g/m²
Intemrediate sanding	With grain 120-150	
Recoating	TEKNOFLOOR AQUA RUBY 4500	120 g/m²
Prepared, stable substrate (anhydrite floors)		
	Product	Applied Quantity
Primer	TEKNOFLOOR AQUA MINOPRIMER 6700-00	150 g/m²
Recoating	TEKNOFLOOR AQUA RUBY 4500	120 g/m²
Intermediate sanding	using a green pad (sia brand)	
Recoating	TEKNOFLOOR AQUA RUBY 4500	120 g/m²
For further application proposals please ask our representative.		

Application conditions	Recommended temperature for surroundings and product: +15°C-25°C. Do not apply below +10°C. Ideal surface and object temperature for application: +18°C-22°C. Avoid application in direct sunlight. Underfloor heating systems must be adjusted well in advance.
Drying time	+23°C / 50% RH (dry film 20 µm)
- dust free	2 h
- overcoatable	4 h
- fit for sanding	4 h
- through dry	7 d When using non-slip carpet underlay please ensure that only qualities that are suitable for water-borne coatings are used (contact supplier or manufacturer).
Cleaning	Wash the equipment immediately after use. VERDÜNNER 1000-98

HEALTH AND SAFETY

Safety and precaution measures	See safety data sheet.

ADDITIONAL INFORMATION

Maintenance instructions	Initial and maintenance care: After at least 3 weeks curing time with RENSA FLOOR POLISH 4580. For more information on wood floor surface treatments and their use, visit www.parkett-verband.ch.

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