TEKNOFLOOR AQUA DIAMOND 4560-20



Water-borne 1C floor sealing coating for interior use

TEKNOFLOOR AQUA DIAMOND 4560-20 is a water-borne, highly abrasion-resistant 1C floor sealing coating for low-emission, odourless treatment of practically all softwoods and hardwoods. The product is resistant to light and yellowing.

TECHNICAL DATA

Certificates, approvals and classification	Swiss environmental label UE II, class C, EN 71-3
Fields of application	Floors
Recommended substrate	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°)	20
Density	Approx. 1.02 g/ml
Storage	Storage temperature is +5°C - +30°C.

DIRECTION FOR USE

Surface preparation	Every substrate must be well-cleaned, dry and free from grease and oil.
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		
Parquet grain-accentuating		
	Product	Applied Quantity
Primer	TEKNOFLOOR RENO PRIMER 3300	125 g/m²
or	TEKNOFLOOR AQUA PARQUET PRIMER 4510	120 g/m²
Recoating	TEKNOFLOOR AQUA DIAMOND 4560	120 g/m²
Intermediate sanding	With grain 120-150	
Recoating	TEKNOFLOOR AQUA DIAMOND 4560	120 g/m²
Parquet not grain-accentuating		
	Product	Applied Quantity
Primer	TEKNOFLOOR RENO PRIMER NORDIC 3338	125 g/m²
or	TEKNOFLOOR AQUA NATURE PRIMER 4538	120 g/m²
Recoating	TEKNOFLOOR AQUA DIAMOND 4560	120 g/m²
Intermediate sanding	With grain 120-150	
Recoating	TEKNOFLOOR AQUA DIAMOND 4560	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 or OWEDUR 3502-98.

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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