TEKNOFLOOR AQUA PLATIN 4545-30



Water-borne 2C PU sealing coating for interior use

TEKNOFLOOR AQUA PLATIN 4545-30 is a water-borne, highly abrasion-resistant 2C-PU floor sealing coating for low-emission treatment of practically all soft, hard and exotic wood species. The product is resistant to light and yellowing.

TECHNICAL DATA

Certificates, approvals and classification	Swiss environmental label UE II, class C
Fields of application	Floors
Recommended substrate	Cork, Wood
Binder	Polyurethane
Solids	Approx. 30% by weight
Volatile organic compound (VOC)	Approx. 113 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°)	30
Hardener	Mix in hardener mechanically for several minutes. Comp. B: TEKNOFLOOR AQUA HARDENER 4545-99
Mixing ratio (A:B)	10:1 parts by volume
Pot life, +23°C	2 h
Density	Approx. 1.06 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

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		
Enhances the natural structure of parquet floors		
	Product	Applied Quantity
Primer	TEKNOFLOOR RENO PRIMER 3300	125 g/m²
or	TEKNOFLOOR AQUA PARQUET PRIMER 4510	120 g/m²
Recoating	TEKNOFLOOR AQUA PLATIN 4545	100-120 g/m²
Intermediate sanding	With grain 120-150	
Recoating	TEKNOFLOOR AQUA PLATIN 4545	100-120 g/m²
Does not enhance the structure of parquet floors		
	Product	Applied Quantity
Primer	TEKNOFLOOR RENO PRIMER NORDIC 3338	125 g/m²
or	TEKNOFLOOR AQUA NATURE PRIMER 4538	120 g/m²
Recoating	TEKNOFLOOR AQUA PLATIN 4545	100-120 g/m²
Intermediate sanding	With grain 120-150	
Recoating	TEKNOFLOOR AQUA PLATIN 4545	100-120 g/m²
Cork		
	Product	Applied Quantity
Primer	TEKNOFLOOR AQUA PLATIN 4545	125 g/m²
Intermediate sanding	With grain 120-150	
Recoating	TEKNOFLOOR AQUA PLATIN 4545	125 g/m²
Prepared, stable substrate (anhydrite floors)		
	Product	Applied Quantity
Primer	TEKNOFLOOR PRIMER TGA 1000	250 g/m²
Recoating	TEKNOFLOOR AQUA PLATIN 4545	120 g/m²
Intermediate sanding	using a green pad (sia brand)	
Recoating	TEKNOFLOOR AQUA PLATIN 4545	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. Water, 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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