

# FLOOR 4500-40

## Water-soluble 1C floor sealing coating for interior use

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



### TECHNICAL DATA

<b>Certificates, approvals and classification</b>	Swiss environmental label UE II, class C, EMICODE EC 1 Plus
<b>Fields of application</b>	Floors
<b>Solids</b>	Approx. 30% by weight
<b>Volatile organic compound (VOC)</b>	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.
<b>Theoretical spreading rate</b>	120 g/m <sup>2</sup> ; 8.3 m <sup>2</sup> /kg
<b>Colours</b>	Colourless.
<b>Gloss (60°)</b>	40
<b>Density</b>	Approx. 1.03 g/ml
<b>Storage</b>	Storage temperature is +5°C - +30°C. Store in a tightly closed container.

### DIRECTION FOR USE

<b>Surface preparation</b>	<p>Every substrate must be well-cleaned, dry and free from grease and oil. Coating removal: Sand .</p> <p>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.</p> <p>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.</p>
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## Application method

Brush, Roller

When renovating or coating exotic wood species, we recommend using PARKETT RENO GRUND 3300.

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	RENO GRUND 3300	125 g/m <sup>2</sup>
or	PARKETTGRUND 4510	120 g/m <sup>2</sup>
Recoating	FLOOR 4500	120 g/m <sup>2</sup>
Intermediate sanding	With grain 120-150	
Recoating	FLOOR 4500	120 g/m <sup>2</sup>
Parquet not grain-accentuating		
	Product	Applied Quantity
Primer	PARKETT RENO GRUND NORDIC 3338	125 g/m <sup>2</sup>
or	NATURGRUND 4538	120 g/m <sup>2</sup>
Recoating	FLOOR 4500	120 g/m <sup>2</sup>
Intermediate sanding	With grain 120-150	
Recoating	FLOOR 4500	120 g/m <sup>2</sup>
Prepared, stable substrate (anhydrite floors)		
	Product	Applied Quantity
Primer	MINOPRIMER AQUA 6700	150 g/m <sup>2</sup>
Recoating	FLOOR 4500	120 g/m <sup>2</sup>
Intermediate sanding	using a green pad (sia brand)	
Recoating	FLOOR 4500	120 g/m <sup>2</sup>
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

- dust free

+23°C / 50% RH (dry film 20 µm)

after 2 hours

- overcoatable

after 4 hours

- fit for sanding

after 4 hours

- through dry

after 7 days

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](http://www.parkett-verband.ch).

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