

# TEKNOFLOOR OPAL 1432-70

## Water-borne 2C-PU sealing coating for interior use

TEKNOFLOOR OPAL 1432-70 is a water-borne, highly abrasion-resistant 2C-PU floor sealing coating for low-emission treatment of practically all soft and hard wood species. The product is resistant to light and yellowing.



Designed for floors, which are subjected to severe wear stress, for example, sports halls and public premises. Complies with DIN 18032-2 and EN 14904 friction requirements for sports halls. The product is not suitable for the lacquering of diamond pine and chemically treated wood, e.g., smoked oak.



## TECHNICAL DATA

<b>Certificates, approvals and classification</b>	M1 classification
<b>Fields of application</b>	Floors
<b>Recommended substrate</b>	Cork, Wood
<b>Binder</b>	Polyurethane
<b>Solids</b>	Approx. 30% by weight
<b>Volatile organic compound (VOC)</b>	Approx. 43 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 (roller or brush) 40 g/m <sup>2</sup> ; 25 m <sup>2</sup> /kg (steel trowel maintenance lacquering)
<b>Colours</b>	Colourless.
<b>Gloss (60°)</b>	70
<b>Hardener</b>	Mix in hardener mechanically for several minutes. Comp. B: PUR 4550-99
<b>Mixing ratio (A:B)</b>	10:1 parts by weight
<b>Pot life, +23 °C</b>	5-6 h
<b>Density</b>	Approx. 1.05 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>	Every substrate must be well-cleaned, dry and free from grease and oil. Coating removal: Sand
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**Application method**

Brush, Roller, Trowel

For smoked oak and exotic woods, we recommend the use of our products TEKNOFLOOR KORUND 4500 with RENO GRUND 3300 for better insulation of the substrate (crazing).

For renovations of light-coloured woods, we recommend the use of RENO GRUND 3300 or RENO GRUND NORDIC 3338 for better insulation of the substrate.

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.

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

**Application**

APPLICATION ADVICE		
Enhances the natural structure of parquet floors		
	Product	Applied Quantity
Primer	RENO GRUND 3300	125 g/m <sup>2</sup>
or	PARKETTGRUND 4510	125 g/m <sup>2</sup>
Recoating	TEKNOFLOOR OPAL 1432	120 g/m <sup>2</sup>
Intermediate sanding	With grain 120-150	
Recoating	TEKNOFLOOR OPAL 1432	120 g/m <sup>2</sup>
Does not enhance the structure of parquet floors		
	Product	Applied Quantity
Primer	RENO GRUND NORDIC 3338	125 g/m <sup>2</sup>
or	NATURGRUND 4538	125 g/m <sup>2</sup>
Recoating	TEKNOFLOOR OPAL 1432	120 g/m <sup>2</sup>
Intermediate sanding	With grain 120-150	
Recoating	TEKNOFLOOR OPAL 1432	120 g/m <sup>2</sup>
Cork		
	Product	Applied Quantity
Primer	TEKNOFLOOR OPAL 1432	125 g/m <sup>2</sup>
Intermediate sanding	With grain 120-150	
Recoating	TEKNOFLOOR OPAL 1432	125 g/m <sup>2</sup>
Cleaning & Care		
	With RENSA PRO CLEAN 4582	
Cleaning	Remove the dissolved dirt fully with a clean, moist cotton cloth. Let the surface dry	
Initial care	With RENSA FLOOR POLISH 4580 undiluted, for larger surfaces dilute max. 20% with water.	
Maintenance	Maintenance while mopping: With 2% RENSA FLOOR POLISH 4580 in the mopping water	
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.

<b>Drying time</b>	+23 °C / 50% RH
- dust free	2 h (15 min for steel trowel application)
- overcoatable	2-4 h (15-30 min for steel trowel application)
- fit for sanding	4 h (30 min for steel trowel application)
- through dry	7 days (7 days for steel trowel application)
	When using non-slip carpet underlay please ensure that only qualities that are suitable for water-borne coatings are used (contact supplier or manufacturer).
<b>Cleaning</b>	Wash the equipment immediately after use. Water, RENSA BRUSH.

## HEALTH AND SAFETY

<b>Safety and precaution measures</b>	See safety data sheet.
<b>First aid</b>	We recommend wearing personal protective clothing even in cases where no local regulations are in force. CH: The precautions according to local regulations (SUVA) with respect to hygiene and equipment must be observed.

## ADDITIONAL INFORMATION

<b>Maintenance instructions</b>	Initial and maintenance care: After at least 3 weeks curing time with RENSA FLOOR POLISH 4580.
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