

ROCKFLOOR 6500-05

Solvent-based 2C PU sealing coating for anhydrite and cement floors for interior use



ROCKFLOOR 6500 is a solvent-based 2C PU sealing coating with excellent resistance and is exceptionally fast-drying for high quality, transparent sealing of anhydrite and cement floors. The product is resistant to light and yellowing.



TECHNICAL DATA

Certificates, approvals and classification	Swiss environmental label UE II, class G
Fields of application	Floors
Binder	Acrylate
Solids	Approx. 26% by weight
Volatile organic compound (VOC)	Approx. 709 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	200 g/m ² ; 5 m ² /kg
Colours	Colourless. Can be adjusted individually for customers by agreement.
Tinting system	Largo
Gloss (60°)	5
Hardener	Mix in hardener mechanically for several minutes. Comp. B: ROCKFLOOR 6500-99
Mixing ratio (A:B)	10:1 parts by volume
Pot life, +23 °C	24 h
Thinner	VERDÜNNER 1300-98, VERDÜNNER 5500-98.
Density	Approx. 0.96 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
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Application method

Brush, Roller

Intended only for anhydrite or cement floors.

First coat: Apply thickly with a 10 mm Polytex roller (especially important for the first coat on anhydrite). If the substrate is very absorbent, additional rolling may be necessary. The use of spiked shoes is recommended.

Second and third coat: Use 4-10 mm roller, depending on the type of floor.

Do not use dull matt as first coat on darker floors.

As anhydrite or cement floors have different properties in terms of material composition, a preliminary test must always be carried out. (Determination of the required material quantity, etc.)

The surfaces to be coated must comply with the structural engineering standards, they must be load-bearing, solid, non-slip and be free from intermediate layers (sintered skins, etc.) that interfere with bonding.

The residual moisture (max. 0.5% without underfloor heating, max. 0.3% with underfloor heating, or according to applicable standards) must be measured and recorded. Turn off underfloor heating 30 hours before sealing. Ensure sufficient ventilation during application and drying.

Floor coatings are generally dry after 24 hours and can be walked on. However, full load-bearing capacity (curing) is only guaranteed after 14-21 days (according to SIA 2535.7.4). Do not lay any carpets or other floor coverings or carry out any surface treatment beforehand. Sealing requires sound technical knowledge, especially when working with lightly tinted material.

Application

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

APPLICATION ADVICE		
Anhydrite or cement underlay floors		
	Product	Applied Quantity
Sanding	With grain 100-120 then dust off well with an industrial Hoover	
Primer	ROCKFLOOR 6500	200 - 400 g/m ²
	1. Coating with 10 mm Polytex roll	
Recoating	ROCKFLOOR 6500	120 - 180 g/m ²
	2. Coating 4- 10 mm roller	
Intermediate sanding	with grain 150 / green pad (sia)	
Recoating	ROCKFLOOR 6500	100 - 120 g/m ²
	3. Coating 4- 10 mm roller	
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 / 65% RH
- dust free	after 60 minutes
- overcoatable	after 8 hours or wet in wet application
- fit for sanding	after 8 hours
- through dry	after 7 days
	Can be walked on after: 60 minutes
	When using non-slip carpet underlay please ensure that only qualities are used. (Contact supplier or manufacturer)

Cleaning

Wash the equipment immediately after use. VERDÜNNER 1000-98, VERDÜNNER 1300-98, VERDÜNNER 5500-98.

HEALTH AND SAFETY

Safety and precaution measures

See safety data sheet. Do not smoke during the application and keep away from ignition sources.

First aid

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

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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