TEKNOFLOOR ROCK 6500-25



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

TEKNOFLOOR ROCK 6500-25 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
Recommended substrate	Anhydride
Binder	Acrylate
Solids	Approx. 28% by weight
Volatile organic compound (VOC)	Approx. 692 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/m²; 5 m²/kg
Colours	Colourless. Can be adjusted individually for customers by agreement.
Tinting system	Alps
Gloss (60°)	25
Hardener	Mix in hardener mechanically for several minutes. Comp. B: TEKNOFLOOR HARDENER 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

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.

1st coat: 20–30%, 2nd coat: 10–20%, 3rd coat: 0–10%
with VERDÜNNER 1300-98 or VERDÜNNER 5500-98 .
The amount of thinner added depends on the absorbency of the substrate.

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	TEKNOFLOOR ROCK 6500	200 - 400 g/m²
	1. Coating with 10 mm Polytex roll	
Recoating	TEKNOFLOOR ROCK 6500	120 - 180 g/m²
	2. Coating 4-10 mm roller	
Intermediate sanding	with grain 150 / green pad (sia)	
Recoating	TEKNOFLOOR ROCK 6500	100 - 120 g/m²
	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 / 50% RH (dry film 20 µm)
- dust free	60 min
- overcoatable	after 8 hours or wet in wet application
- fit for sanding	8 h
- through dry	7 d Can be walked on after: 60 minutes When using non-slip carpet underlay please ensure that only suitable 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.

Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091

The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage www.teknos.com. All trademarks displayed on this document are the exclusive property of Teknos Group or its affiliated companies.