

SILOKSAN CAVE

Dust binding paint

Special paint for painting of caves, unheated indoor spaces and exterior walls and roofs protected from weather. Full-matt.



Use: For dust binding of concrete, shotcrete, plaster, filler, brick, building board etc. surfaces and protection of concrete structures. Binds effectively a mineral surface to be dust free. Suitable also for maintenance painting of previously painted acrylate, latex and alkyd paint surfaces.

Paint film "breathes" and does not prevent moving of normal structural moisture. Moisture resistance of the paint film is good and condensing water on the surface does not soak the colour. The product includes active ingredients protecting the paint film. White, effectively covering shade which increases the brightness, cleanliness and comfortability of the spaces with even one layer.



TECHNICAL DATA

Certificates, approvals and classification	CE marking, M1 classification, Finnish Key Flag
Solids	Approx. 33% by volume
Volatile organic compound (VOC)	EU VOC limit value (kat A/c): 40 g/l. The product's VOC: max. 40 g/l.
Practical spreading rate	4 - 6 m ² /l. Practical spreading rate may vary considerably depending on the roughness and porosity of the substrate.
Colours	Off-white T1724 (T1327).
Gloss (60°)	Full-matt
Thinner	Water.
Density	Approx. 1.3 g/ml
Storage	Must not freeze.
Packaging	Off-white T1724 (T1327): 20 l.

DIRECTION FOR USE

Surface preparation	<p>NEW SURFACES: New concrete element or cast surface and shotcrete surface can be painted when a minimum of one month has passed after the casting, the surface is bound and no longer wet. It is recommended that new plaster surfaces are coated only after a hardening time of 3-5 weeks.</p> <p>PREVIOUSLY PAINTED SURFACES: Remove flaking and poorly adherent or pulverized (e.g. lime wash) paint coats. The method to be used is chosen depending on the strength of the substrate and the type of the paint to be removed (e.g. wire-brushing, hot pressurized-water cleaning or water-sand cleaning).</p>
Application method	Airless spraying, Brush, Roller
Application	Surfaces are painted in 1-2 coats. By spray application an opaque and evenly coloured final result is usually achieved with one coat. Suitable airless nozzle size 0.017 - 0.021".
Application conditions	During the application and drying period the temperature of the ambient air, the surface and the product shall be above +5°C and the relative air humidity below 80%. The drying process and forming of the paint film will be slower in colder and/or damper conditions. Avoid freezing of the wet paint film.
Drying time	in normal conditions (above +15°C, RH below 80%)
- dust free	30 min
- touch dry	2 - 3 h
	The drying process will be slower in cold and/or damp.
Cleaning	Warm water and RENSA BRUSH brush cleaner.

HEALTH AND SAFETY

Safety and precaution measures	See safety data sheet.
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Declaration of Performance no. 0039

0809-CPR-1063

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Surface protection products - Coatings

Moisture control (2.2)

Increasing resistivity (8.2)

Water vapour permeability

Class I: $s_D < 5$ m

Capillary absorption and permeability to water

Requirement: $w < 0,1 \text{ kg/m}^2\text{h}^{0,5}$

Adhesion strength by pull-off test

Requirement: Rigid system without trafficking: $\geq 1,0$ (0,7)
N/mm²

Dangerous substances

See safety data sheet

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