
PAINT TYPE	SILOKSAN SOCLE socle coating is a water-borne silicone emulsion / acrylate coating that has very good "breathing" properties and that is water-repellent. Maximum grain size is about 2 mm. Finish: full-matt.
USAGE	Outdoors on new and old mortar-finished block socles. Can also be used for previously painted socles.
SPECIAL PROPERTIES	SILOKSAN SOCLE is easy to apply and form to the desired profile. Due to the binder composition of the coating, UV radiation or heat does not make it brittle. SILOKSAN SOCLE has very good hiding power, and because of its water-repellent properties it gives a lasting protection. Stirring thins the coating.
APPROVALS	The paint has CE approval for protection of concrete structures. Additional information: see page 3: "CE MARKING".

TECHNICAL DATA

Solids	About 67 % by volume
Water vapour permeability (EN ISO 7783)	$s_d < 1.4$ m
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	0.5 - 0.8 m ² /l
Density	abt. 2.0 g/ml
Drying time at +23°C / 50% RH	Dry to handle the following day. Complete hardening will take over a month.
Thinner, clean up	Water. Maximal dilution 1.0%.
Finish	Full-matt
Colours	White. Can be tinted to colours according to the SILOKSAN colour card.
Weather resistance	Very good.
Packages (availability varies by country)	Base paint 1: 9 L Base paint 3: 9 L

SAFETY MARKINGS See Safety Data Sheet.

DIRECTION FOR USE**Surface preparation****NEW SURFACES:**

Crevices in new block socle surfaces are filled with a plaster suitable for the object and the socle is straightened with a plaster suitable for the object. Make sure before starting the application that all loose material has been removed and that the Finishing plaster is dry enough. When pressing with a nail on hardened plaster that has been moistened, this must leave no mark.

Concrete elements are left to dry for one heating season before they are painted with SILOKSAN SOCLE. Remove all dirt from the surfaces by cleaning with high pressure washer. When needed, add sand to the washing water or use a steel brush or similar in order to achieve sufficient surface profile (e.g. mould-cast surfaces).

NOTE! When painting concrete elements take care of removing the laitance before painting. When handling substrates containing asbestos, regulations given by authorities must be followed.

PREVIOUSLY PAINTED SURFACES:

Remove flaking and poorly adherent or pulverized (e.g. lime wash) paint coats from previously painted surfaces. 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). Remove also poorly adherent, brittle plaster and concrete surfaces. Painted mould-cast surfaces must be roughened in order to achieve a sufficient surface profile. Check the condition of concrete seams and repair where required.

If concrete constructions have cracks by the reinforcement bars, these cracks are to be opened by e.g. chipping or with a grinding machine. After this the concrete is roughened, if required. Clean all rust from the exposed steel bars and protect them with a plaster suitable for the object

Repair opened cracks, notches and crevices to the level of the surrounding surface. Use for the repair a suitable filling plaster and finish if required with a suitable finishing plaster. The curing of the repairs is cared for and the repairs are allowed to dry for a minimum of 2 weeks before application of the coating.

Application of the coating

Stir the coating cautiously before use. Too vigorous stirring thins the coating and may make it more difficult to apply.

Reserve a sufficient amount of coating of the same batch for each uniform surface to prevent possible colour differences. If different batches must be used, possible seams between the batches are placed as inconspicuously as possible and are painted with a mixture of paint from both batches (e.g. 1:1).

Apply the coating on the socle with a metal trowel or a mortar pump and grind the surface immediately with a smooth plastic grinding trowel. If the plastic trowel does not glide smoothly, then there is too much coating on the surface. Remove excessive coating with a metal trowel and grind again

Coating conditions


During the application and drying period the temperature of the air, the surface and the coating must be over +5 °C for a period of at least a week, and the relative air humidity must be below 80%. Avoid application in direct sunlight, strong wind and rain.

Storage

Must not freeze.

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CE MARKING

	
0809	
Teknos Oy Takkatie 3, P.O. Box 107 FI-00371 Helsinki, Finland 13 Declaration of Performance No. 0020	
0809-CPR-1063 EN 1504-2:2004 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: $w < 0,1 \text{ kg/m}^2 \cdot \text{h}^{0,5}$
Adhesion strength by pull-off test	Requirement: Rigid system without trafficking: $\geq 1,0 (0,7) \text{ N/mm}^2$
Dangerous substances	See safety data sheet

The information of this data sheet is based on laboratory tests and practical experience. The figures are for guidance only and depend on, for example, colour and gloss. As we have no control over the use and application conditions, we are only responsible for the quality of the product and guarantee that it conforms to our quality control. We accept no liability for any loss or damage resulting from the application of the product contrary to the directions or the intended use. The latest versions of our data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.



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