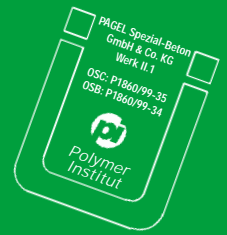


O2C PAGEL® PROTECTION-PAINT ZTV-SIB: OS-C, DAFSTB: OS-4



PROPERTIES

- **surface protection** for not open to traffic areas of **bridges** and **other concrete buildings** having new, old and repaired substrates
- can be applied as well to **matt-moist** as to **dry substrates**, penetrates pore-deep and remains capable of vapor diffusion
- **protects** against environmental influences, prevents carbonatizing, is resistant to weather and does not become yellow
- is **frost** and **dew-salt** resistant
- retards shrinking and **strengthens** the surface-near area
- can be either **injected** (airless) or **rolled**
- contains **acrylic resin** as binder, is watery, **free of solvents** and especially environmentally friendly
- particularly **economical** when having a **matt-moist substrate**, no **undercoat** is needed, processing- and scaffolding time are reduced by several days to approx. 36 hours (**saves wage costs**)
- **has been examined in accordance with ZTV-SIB, TL/TP-OS (96), OS-C** and corresponds to the guidelines of DafStb, OS-4
- **is subject to our own constant controlling** in accordance with the recognized standards and guidelines – the production is certified in accordance with **ISO 9001**

System structure:

1. MS05 PAGEL-PCC-SCREEDING-COMPOUND
2. O2C 1st coating
3. O2C 2nd coating

FIELDS OF APPLICATION

- concrete and mortar surfaces – indoor and outdoor
- injection and spraying of bridges and tunnels
- coating of fine net cracks (< 0,1 mm)
- on fresh mortar- and concrete surfaces as curing agent – saves for example 5 days water holding covering



O2C PAGEL®-PROTECTION-PAINT

TECHNICAL DATA

TYPE	MSO5		O2C	
	SCREEDING-COMPOUND		SURFACE COATING	
material basis	cement (PCC)		styrolacrylat	
rough density	kg/dm ³	1,96		
density			kg/dm ³	1,419
solids			vol.%	47
layer thickness	min.	mm	0,5	mm
	max.	mm	6	mm
consumption by ZTV-SIB	per m ² app. kg each coating			
OS-B	R _t =0,2 mm	-		0,24
	R _t =0,5 mm	-		0,27
	Number of coatings	-		2
OS-C	R _t =0,2 mm	2,0		0,26
	R _t =0,5 mm	2,0		0,29
	Number of coatings	1		2
temperatures	substrate, surface, air			
	min.	°C	+5	°C
	max.	°C	+40	°C
moisture level	air		%	
	%		< 100	
	surface		mat-damp	
	mat-damp		matdamp* o. dry	
application time	20 °C		min.	
	min.		45	
mixing water	each 25-kg-bag		l	
	l		3,75	
	1. coating		+ %	
	+ %		3	
2. coating		undiluted		
waiting periode until next coating:				
substrate				
matt-damp		> h	6	> h
dry		> h	5	> h
insensitive against wetness				
20 °C		> d	1	> h
adhesive strength				
on concrete surface				
(must ≥ 1,3 N/mm ²)				
N/mm ² > 1,8				
on screeding compound surface				
(must ≥ 0,8 N/mm ²)				
T-min		N/mm ²		ca. 1,3
colour	grey		RAL 7032	
		others on inquiry		
supplied in	25-kg-bag		18 kg(12,5 l)-can	
storage	dry, frost free in unopend sealed cotainers			
shelf-life	9 months		12 months	
hazard class	no dangerous goods			

* "fresh" screeding compound surface

All given tested dates are values tested in a normal climate 23/50-2.

PROCESSING

System structure:

1. MSO5 PAGEL-PCC-SCREEDING-COMPOUND
2. O2C 1st coating
3. O2C 2nd coating

SUBSTRATE OF SCREEDING-COMPOUND: Rough and uneven concrete surfaces are levelled by using PAGEL-MSO5 PCC-SCREEDING-COMPOUND through either hand- or machine-coating. Follow the directions given in the data sheet for this product.

MIXING: O2C is ready for use. Mix until homogenous. The 1st coating is to be diluted by up to 3 % water, the 2nd coating remains undiluted.

PROCESSING: O2C can be applied by brush, roller or spraying system. (Airless appliance: nozzle 0,018-0,021 inch, filter to be cleaned regularly). Apply evenly, avoid joints.

CLEANING OF TOOLS: Immediately after work the tools should be cleaned carefully with water and active detergent substances.

CAUTION: Material must not be applied when it is raining heavily, when it is very windy, when the substrate is heated up – in case of one of the a.m. situations protect with plastic foil or equivalent.

Information provided in this leaflet, supplied by our applications consulting service and contained in other recommendations is based on exhaustive research work and extensive experience. They are, however, without liability on our part, in particular with regard to third parties proprietary rights, and do not relieve the user of the responsibility for verifying that the products and processes are suitable for the intended application. The given testing dates were found out in a normal climate according to DIN 50014 and mean average values and analysis. Deviations are possible when delivery takes place. Given Recommendations differing from this leaflet are in need of a written confirmation. Planner and user are required to inform themselves regarding the latest development of technology and the valid issue of the according leaflet. Our customer service staff will be glad to provide assistance at any time. We appreciate the interest you have shown in our products. This technical data sheet supercedes previously issued information. Please find the actual and latest leaflets under www.pagel.com.



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