



# PAGEL®-HYDROPHOBATION

## HYDROPHOBIZING IMPREGNATION

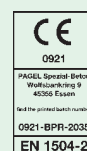
### PROPERTIES

- **free of solvents, cream-like** hydrophobation material on **silan basis**
- **high penetration** into the concrete substrate, remains capable of vapour diffusion, is resistant to alkali
- **strengthens** the concrete surface and reduces the penetration of chlorides and other harmful substances dissolved in the water
- has in comparison to liquid materials a **higher penetration**, consists of longer fastness and is only in need of **one** instead of three operations
- **keeps its shade** and is environmentally friendly, also resistant to frost and dew-salt
- **prevents** surface protection coatings to get damp underneath
- **easy to use**, good adhesion of coating and thixotrope – very economical as work can be done in one operation
- can be applied **overhead** without any problem
- **is in accordance with the test- and delivering conditions of the ZTV-ING/ OS-A** and corresponds to the **guidelines of DafStb, OS-1**
- **is subject to our own constant controlling** in accordance with the recognized standards and guidelines – the production is certified in accordance with **ISO 9001**

### FIELDS OF APPLICATION

- **hydrophobation** and protection against dampness of concrete- and mortar surfaces under effects of the weather
- **undercoating** for following OS-coatings
- **impregnation** and strengthening
- protection coat for coatings to prevent getting damp underneath

O2A



TECHNICAL DATA		
TYPE	O2A	
form	cremy	
colour	milky-white	
basis	Silan	
active substance content	%	80
density	g/cm <sup>3</sup>	0,9
mixing ratio	ready to use	
flamepoint (koncentrate)	°C	+30
application temperature		
	min.	°C +5
	max.	°C +30
rel. humidity	%	< 80
time of application	within h	unlimited
amount of application	ca. g/m <sup>2</sup>	200-400
number of applications	1	
All test data are guide values, proofed in our German manufacturing plants, - values from other manufacturing plants may vary.		

supplied in:	15-kg-container
shelf-life:	12 months in closed containers, storage temperature between 0 and 30 °C, free of frost
advice to safetiness:	applying the spraying process use breathing protection and protection glasses
hazard class:	no dangerous substance, follow safety data sheet
test certificates:	O2A : "Allgemeines Bauaufsichtliches Prüfzeugnis" (General Constructional Test Certificate) No. P 1860/99-10 O2B : "Allgemeines Bauaufsichtliches Prüfzeugnis" (General Constructional Test Certificate) No. P 1860/99-34

<b>CE</b>	
0921	
PAGEL® Spezial-Beton GmbH & Co. KG D-45355 Essen	
find the printed batch number	
0921-BPR-2035	
EN 1504-2	
O2A PAGEL®-HYDROPHOBIZER Hydrophobizing impregnation	
Depth of penetration:	Class II: ≥ 10 mm
Water absorption and alkali resistance:	Absorption coefficient: < 7,5 % compared to an untreated sample < 10 % in an alkaline solution
Drying rate:	Class I: > 30%
Loss of weight after alternating loading with frost – de-icing salt:	> 20 cycles later than untreated sample
Hazardous substances:	In accordance with EN 1504-2, 5.3

## PROCESSING

**SUBSTRATE OF CONCRETE:** Clean thoroughly. Remove from the supporting floor any cement slurries, dust, loose parts, oil, fats and other contamination, e.g. by milling, shot blasting or high-pressure water blasting.

New concrete to be impregnated after 4 – 6 weeks only. Repairing area should be 28 days old.

O2A can be applied by brush, roller or spraying system (airless) and remains undiluted.

The milky-white colour dissolves by itself.

**CLEANING OF TOOLS:** Immediately after work the tools should be cleaned carefully with water.

Attention should be paid to the details given in product application, layer-thicknesses, material consumption and material surcharge according appendix A and B of DIN V18026.

You will find certificates of compliance, EC-declarations of conformity and given details for the product application at [www.pagel.com](http://www.pagel.com).

[www.superbeton.su](http://www.superbeton.su)  
(495) 648-52-04

All of the information, technical advice and recommendations provided in this brochure are based on comprehensive research and practical experience. However, they are – including with regard to third-party property rights – for information only and do not release customers from their responsibility to check whether the above products and procedures are suitable for their intended use. The above test data has been derived under standard climatic conditions and in accordance with DIN 50014. These values are average values and analyses, and product values may slightly differ upon delivery. Any recommendations contrary to those stated in this brochure require our written consent. The planner and processing company must always obtain information on the latest state of the art and relevant valid edition of this brochure. Please do not hesitate to contact our customer service department at any time and many thanks you for your interest. This brochure makes all previously published product information null and void. Please visit our website for the latest valid version of this brochure at [www.pagel.com](http://www.pagel.com).



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