



**PAGEL**<sup>®</sup>  
SPEZIAL-BETON GMBH & CO KG



DECLARATION OF PERFORMANCE  
according Annex III of the Regulation (EU) No 305/2011

Name of the product O2C PAGEL Concrete protection coating

No. 620320

1. Unique identification code of the product-type:  
EN 1504-2: ZA.1d and ZA.1e
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):  
batch number: see packaging of the product
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  
Surface protection products – Coating  
Protection against ingress (1.3)  
Moisture control (2.2)  
Increasing resistivity (8.2)
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):  
PAGEL SPEZIAL-BETON GMBH & CO. KG  
Wolfsbankring 9  
45355 Essen, Germany
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  
not relevant
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
System 2+
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

The notified body KIWA Polymerinstitut, Quellenstraße 3, 65439 Flörsheim-Wicker, identification number 1119, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued:  
Certificate of conformity of the factory production control  
1119 - CPD - 0717



8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
not relevant

9. Declared performance

EN 1504-2:

The product is used in surface protection system:

O2B PAGEL- Concrete protection

consisting of the components:

O2A PAGEL-Hydrophobation

O2C PAGEL-Concrete protection coating

**Performance in product system O2B PAGEL-Concrete protection (OS 2 / OSB)**

Essential characteristics	Performance	Harmonised technical specification
Linear-shrinking	NPD	EN 1504-2:2004
Thermal expansion coefficient	NPD	
Cross cutting	≤ GT 2	
CO <sub>2</sub> -permeability	s <sub>D</sub> > 50 m	
Water steam permeability	Class I	
Capillary water absorption and water permeability	w < 0,1 kg/m <sup>2</sup> x h <sup>0,5</sup>	
Resistance to temperature changes	≥ 1,0 (0,7) <sup>1)</sup> N/mm <sup>2</sup>	
Resistance to temperature shocks	NPD	
Resistance to chemicals	NPD	
Crack bridging ability	NPD	
Adhesion test for assessment of adhesive force (without working load)	≥ 1,0 (0,7) <sup>1)</sup> N/mm <sup>2</sup>	
Product fire behaviour	Class E	
Grip	NPD	
Artificial weathering	No obvious defects	
Antistatic rating	NPD	
Adhesive strength on wet concrete	NPD	
Hazardous substances	NPD	

<sup>1)</sup> The value given in brackets is the smallest allowable value per reading.

NPD "No Performance Determined"



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10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Daniel Schempershofe, Head of Laboratory  
(name and function)

Essen, 01.07.2013  
(place and date of issue)

*D. Schempershofe*  
.....  
(signature)