



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



DECLARATION OF PERFORMANCE  
according Annex III of the Regulation (EU) No 305/2011  
amended by Commissions delegated Regulation (EU) No 574/2014

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No 110530

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Unique identification code of the product-type:

V3/50 PAGEL Special Grout

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Intended use/es:

Product for structural and non structural repair for concrete  
Applying mortar by hand (3.1)  
Recasting with concrete (3.2)  
Spraying concrete or mortar (3.3)  
Structural strengthening by adding mortar or concrete (4.4)  
Increasing cover to reinforcement with additional cementitious mortar or concrete (7.1)  
Replacing contaminated concrete (7.2)

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Manufacturer:

PAGEL SPEZIAL-BETON GMBH & CO. KG  
Wolfsbankring 9  
45355 Essen, Germany

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System of assessment and verification of constancy of performance of the product:

System 2+ (for uses in buildings and civil engineering works)  
System 3 (for uses subject to reaction to fire regulations)

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Harmonised standard:

EN 1504-3:2005

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Notified body/ies:

Qualitätsgemeinschaft Deutsche Bauchemie e.V., identification number 0921

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Declared performance/s:

Essential characteristics	Performance	System of assessment and verification of constancy of performance of the product	Harmonised technical specification
Compressive strength	class R4	System 2+	EN 1504-3:2005
Chloride ion content <sup>1)</sup>	≤ 0,05 %		
Adhesive bond	≥ 2,0 MPa		
Restrained shrinkage/expansion <sup>2)</sup>	≥ 2,0 MPa		
Carbonation resistance <sup>1) 3)</sup>	passed		
Elastic modulus	≥ 20 GPa		
Thermal compatibility	NPD		
Skid Resistance	NPD		
Coefficient of thermal expansion <sup>4)</sup>	NPD		
Capillary absorption	NPD		
Reaction to fire	A1		
Dangerous substances	NPD		

1) Only relevant for repair of reinforced concrete

2) Not required if thermal cycling is undertaken

3) Not required if the repair product includes a surface protection system with proven protection against carbonation (EN 1504-2) or is a PC mortar

4) Relevant to PC only

5) Also possible A1, A2, B, C and D, whereby the last four classes in Germany for the time being need an approval from DIBt. The possible class F is not admitted in Germany. This class means in Germany „readily flammable“. In other European MS this class means „no performance determined“ (NPD)“ and is admitted with consideration of the valid regulation in the respective MS

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Daniel Schempershofe, Head of Laboratory  
(name)

Essen, 09.03.2016  
(place and date of issue)

  
(signature)