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

No. 20162

Unique identification code of the product-type:

V80C45

Intended use/es:

EN1504-3:
Product for Structural and non structural repair for concrete
Applying mortar by hand (3.1)
Recasting with concrete (3.2)
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)

EN13813:
Cementicious screed material for use internally in buildings

Manufacturer:

PAGEL Spezial-Beton GmbH & Co. KG
Wolfsbankring 9
45355 Essen
Germany

System/s of AVCP:

EN1504-3:
System 2+ (for uses in buildings and civil engineering works)
System 4 (for uses subject to reaction to fire regulations)

EN13813:
System 4
System 4 for reaction to fire

Harmonised standard:

EN 1504-3:2005
EN13813:2002

Notified body/ies:

Qualitätsgemeinschaft Deutsche Bauchemie e.V., identification no. 0921

Declared performance/s EN1504-3:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Compressive strength	R4	System 2+	EN 1504-3:2005
Chloride ion content [1)]	≤ 0,05 %	System 2+	
Adhesive bond	≥ 2,0 MPa	System 2+	
Restrained shrinkage/expansion [2)]	≥ 2,0 MPa	System 2+	
Carbonation resistance [1) 3)]	NPD	System 2+	
Elastic modulus	≥ 20 GPa	System 2+	
Thermal compatibility	NPD	System 2+	
Skid Resistance	NPD	System 2+	
Coefficient of thermal expansion [4)]	NPD	System 2+	
Capillary absorption	NPD	System 2+	
Reaction to fire [5)]	A1	System 4	
Dangerous substances	NPD	System 2+	

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.

NPD = no performance determined

Declared performance/s EN13813:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Reaction to fire	A1fl	System 4	EN13813:2002
Release of corrosive substances	CT	System 4	
Water permeability	NPD	System 4	
Water vapour permeability	NPD	System 4	
Compressive strength	C50	System 4	
Flexural strength	F7	System 4	
Wear resistance	A12	System 4	
Sound insulation	NPD	System 4	
Sound absorption	NPD	System 4	
Thermal resistance	NPD	System 4	
Chemical resistance	NPD	System 4	

NPD = no performance determined

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 quality control and product development

Essen, 01.07.2013 ……