remmers

Declaration of performance

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

for the product	**Betofix EM 4 2K**
No.	**GBI-P 61-1**
Unique identification code of the product-type	5778
Intended use/es	Product for Structural and non structural repair for concrete Applying mortar by hand (3.1) 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) PCC Mortar for non structural repair for concrete
Manufacturer	Remmers GmbH Bernhard-Remmers-Str. 13 49624 Löningen (DE)
System/s of AVCP	**System 2+** (for uses in buildings and civil engineering works)
Harmonised standard	EN 1504-3, System 2+
Notified body/ies	Kiwa Polymer Institut GmbH Quellenstraße 3, 65439 Flörsheim-Wicker Notified Body 1119

Declared performance/s:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical specification
Fire behaviour class	$A2_{fl}$-s1		
Compressive strength class:	R4		
Chloride ion content	≤ 0,05 %		
Adhesive bond	≥ 2,0 MPa		
Restrained shrinkage/expansion	≥ 2,0 MPa		
Carbonation resistance	passed	System 2+	EN 1504-3:2005
Elastic modulus	≥ 20 GPa		
Thermal compatibility Part 1 and 4	≥ 2,0 MPa		
Skid resistance	NPD		
Capillary absorption	≤ 0,5 kg/($m^2 * h^{0,5}$)		
Dangerous substances	NPD		

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

Remmers GmbH

Construction

ppa. Dr. Rafael Bautista
(Director R&D)

i.A. Ralf Kessens
(Product Management)

The declaration of performance was created electronically and is also valid without signature.

Löningen, 2025-02-19

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