





## **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 8 2K  GBI-P 60-1  5777		
No.			
Unique identification code of the product-type			
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:

Elastic modulus $\geq 20 \text{ GPa}$ Thermal compatibility $\geq 2,0 \text{ MPa}$ Skid resistance NPD  Capillary absorption $\leq 0,5 \text{ kg/(m^2*h^{0.5})}$	Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical specification	
class:  Chloride ion content  ≤ 0,05 %  Adhesive bond  Restrained shrinkage/expansion  Carbonation resistance  passed  Elastic modulus  ≥ 2,0 MPa  EN 1504-3:200  Elastic modulus  ≥ 20 GPa  Thermal compatibility  ≥ 2,0 MPa  System 2+  EN 1504-3:200  En 1504-3:2	Reaction to fire class	A2 <sub>fl</sub> -s1			
Adhesive bond ≥ 2,0 MPa  Restrained shrinkage/expansion ≥ 2,0 MPa  Carbonation resistance passed  Elastic modulus ≥ 20 GPa  Thermal compatibility ≥ 2,0 MPa  Skid resistance NPD  Capillary absorption ≤ 0,5 kg/(m²*h⁰,5)	·	R4			
Restrained shrinkage/expansion ≥ 2,0 MPa  Carbonation resistance passed  Elastic modulus ≥ 20 GPa  Thermal compatibility ≥ 2,0 MPa  Skid resistance NPD  Capillary absorption ≤ 0,5 kg/(m²*h⁰,5)	Chloride ion content	≤ 0,05 %			
shrinkage/expansion  Carbonation resistance  passed  Elastic modulus  ≥ 20 GPa  Thermal compatibility  ≥ 2,0 MPa  Skid resistance  NPD  Capillary absorption  ≥ 0,5 kg/(m²*h⁰,5)	Adhesive bond	≥ 2,0 MPa			
Carbonation resistance passed EN 1504-3:200  Elastic modulus $\geq$ 20 GPa  Thermal compatibility $\geq$ 2,0 MPa  Skid resistance NPD  Capillary absorption $\leq$ 0,5 kg/(m <sup>2*</sup> h <sup>0,5</sup> )		≥ 2,0 MPa			
Thermal compatibility $\geq 2,0 \text{ MPa}$ Skid resistance NPD  Capillary absorption $\leq 0,5 \text{ kg/(m}^{2*}h^{0,5})$	Carbonation resistance	passed		EN 1504-3:2005	
Skid resistance NPD  Capillary absorption $\leq 0.5 \text{ kg/(m}^{2*}\text{h}^{0.5})$	Elastic modulus	≥ 20 GPa			
Capillary absorption $\leq 0.5 \text{ kg/(m}^{2*}\text{h}^{0.5})$	Thermal compatibility	≥ 2,0 MPa			
	Skid resistance	NPD			
Dangerous substances NPD	Capillary absorption	$\leq 0.5 \text{ kg/(m}^{2*}h^{0.5})$			
. J	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						
C	Construction					
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ppa. Dr. Rafael Bautista	i.A. Ralf Kessens					
(Director R&D)	(Product Management)					

 $\label{thm:continuous} The \ declaration \ of \ performance \ was \ created \ electronically \ and \ is \ also \ valid \ without \ signature.$ 

Löningen, 2025-02-19