



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 R4
No.	GBI-P 1-3
Unique identification code of the product-type	1096
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) PCC Mortar for structural repair for concrete
Manufacturer	Remmers GmbH Bernhard-Remmers-Str. 13 49624 Lönigen (DE)
System/s of AVCP	System 2+ (for uses in buildings and civil engineering works) System 4 (for reaction to fire regulations)
Harmonised standard	EN 1504-3: 2005
Notified body/ies	QDB Qualitätsgemeinschaft Deutsche Bauchemie e.V. Mainzer Landstr. 55, 60329 Frankfurt am Main Notified Body 0921 Certificate of conformity of the factory production contro 0921-CPR-2042

Declared performance/s:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical specification
Compressive strength	class R4	System 2+	EN 1504-3:2005
Chloride ion content	≤ 0,05 %		
Adhesive bond	≥ 2,0 MPa		
Restrained shrinkage/expansion	≥ 2,0 MPa		
Carbonation resistance	passed		
Elastic modulus	≥ 20 GPa		
Thermal compatibility	≥ 2,0 MPa		
Capillary absorption	≤ 0,5 kg/(m ² h ^{0,5})		
Reaction to fire	class A1 (System 4)		



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
R & D Building protection IV

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i.V. Dr. Amir Asgharzadeh
(Senior Manager)

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i. A. Thomas Anneken
(Teamleader)

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

Löningen, 2024-01-16