



## Declaration of performance

according to Annex III of the Regulation (EU) No 305/2011  
amended by Commission Delegated Regulation (EU) No 574/2014

<b>for the product</b>	<b>Betofix R4 SR</b>
<b>No.</b>	<b>GBI-P 2-3</b>
<b>Unique identification code of the product-type</b>	1084
<b>Intended use/es</b>	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
<b>Manufacturer</b>	Remmers GmbH Bernhard-Remmers-Str. 13 49624 Lönningen (DE)
<b>System/s of AVCP</b>	<b>System 2+</b> (for uses in buildings and civil engineering works) System 4 (for reaction to fire regulations)
<b>Harmonised standard</b>	EN 1504-3, System 2+
<b>Notified body/ies</b>	<b>QDB</b> Qualitätsgemeinschaft Deutsche Bauchemie e.V. Mainzer Landstr. 55, 60329 Frankfurt am Main Notified Body 0921  Certificate of conformity of the factory production control <b>0921-CPR-2042</b>

**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 Part 1 and 4	≥ 2,0 MPa		
Skid resistance	NPD		
Capillary absorption	≤ 0,5 kg/(m <sup>2</sup> h <sup>0,5</sup> )	System 4	
Reaction to fire class	A1		
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



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**Remmers GmbH**  
R & D Building protection IV

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i.V. Dr. Magnus Greiwe  
(Department manager)

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i.V. Thomas Anneken  
(Laboratory staff)

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

Löningen, 2024-09-11