

# DECLARATION OF PERFORMANCE

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

Name of the product  
**Betofix R4 S CP**  
**Nr. GBI-P 85**

Unique identification code of the product-type:

**1106**

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)**

**Applying an electrical potential (10.1)**

Manufacturer:

**Remmers GmbH**  
**Bernhard-Remmers-Straße 13**  
**49624 Lönigen / Germany**

System/s of AVCP:

**System 2+** (for uses in buildings and civil engineering works)

**System 4** (for uses subject to reaction to fire regulations)

Harmonised standard:

**EN 1504-3, System 2+**

Notified body/ies:



**QUALITÄTSGEMEINSCHAFT DEUTSCHE BAUCHEMIE<sup>E.V.</sup>**

Mainzer Landstr. 55  
D-60329 Frankfurt am Main  
Identification number 0921

performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued:

Certificate of conformity of the factory production control  
**0921-CPR-2042**

EN 1504-3, System 4: **not relevant**

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	NPD		
Elastic modulus	≥ 20 GPa		
Thermal compatibility	≥ 2,0 MPa		
Skid Resistance	NPD		
Capillary absorption	≤ 0,5 kg/(m <sup>2</sup> h <sup>0,5</sup> )		
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**  
**i.V. Dirk Wöltering, Bereichsleiter F&E Bautenschutz IV**

Löningen, 28.05.2021  
(place and date of issue)

  
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(signature)