Declaration of performance Product number 5778







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 1504-3:200 |
| Elastic modulus | ≥ 20 GPa | | | |
| Thermal compatibility Part 1 and 4 | ≥ 2,0 MPa | | | |
| Skid resistance | NPD | | | |
| Capillary absorption | $\leq 0,5 \text{ kg/(m}^{2*}\text{h}^{0,5})$ | | | |
| 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