

## Declaration of Performance

### According to Annex III of the Regulation (EU) Nr 305/2011

#### Name of the product

**Cement All Plus**

- |   |   |  |
|---|---|--|
| 1 | Unique identification code of the product-type :  | EN 1504-3: ZA. 1a  |
| 2 | Type, batch or serial number or any other elements allowing the identification of the construction product as required pursuant to Article 11 (4)<br><br>Batch number : | See packaging of the product   |
| 3 | Intended uses or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by manufacturer:                   | Product for structural and non-structural repair for concrete<br>- Applying mortar by hand<br>- Recasting with concrete<br>- Structural strengthening by adding mortar or concrete<br>- Replacing contaminated concrete  |
| 4 | Name, registered trade name or registered trademark and contact address of the manufacturer as required to Article 11 (5):  | KORODUR Westphal Hartbeton GmbH & Co.KG<br>Hohensteinstr. 19, 44866 Bochum-Wattenscheid  |
| 5 | Where applicable, name and contact address of the authorised representative whose mandate covers the task as specified in Article 12 (2):                               | Not relevant   |
| 6 | System or systems of assessment and verifications of constancy of performance of the construction product as set out in Annex V:  | System 2+ (for uses in building and civil engineering works)<br>System 4 (for uses subjects to reaction to fire regulations)   |
| 7 | In case of the declaration of performance concerning  | The notified body<br><br>KIWA Deutschland GmbH, Identification number 0770<br><br>- performed the initial inspection of the manufacturing plant and of factory<br>- 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<br><br>0770-CPR-9574-01-14 |
| 8 | In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:                                  | Not relevant   |

9 Declared Performance

Essential characteristics	Performance class R 4	Performance	Harmonised technical specification
Reaction to Fire	A 1	A 1	EN 1504-3:2005
Chloridion Content	≤ 0,05%	0,009 M-%	
Bonding Strength	≥ 2,0 MPa	3,3 MPa	
Restrained Shrinkage/Expansion	≥ 2,0 MPa	2,6/2,6 MPa	
Static modulus of elasticity	NPD	35,9 GPa	
Flexural Strength		11,25 MPa	
Compressive Strength	≥ 45 MPa	72,5 MPa	
Concrete Density			
Carbonation Resistance <sup>1)</sup>	$d_k \leq$ Reference concrete	confirmed	
Capillary Absorption	≤ 0,50 kg/m <sup>2</sup> h <sup>0,5</sup>	0,12 kg/m <sup>2</sup> h <sup>0,5</sup>	

1) Only for reinforced concrete and not required when a waterproofing system acc. EN 1504-2 is used

10 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer in point 4.

Signed for and on behalf of the manufacturer by

Frank Sander, Technical Director

Bochum, 18.03.2021



(Signature)