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DECLARATION OF PERFORMANCE

No. BE0045/01

1. Unique identification code of the product-type:

   MasterEmaco T 545 (No. BE0045/01)

2. Intended use or uses:

   EN 1504-3 Methods 3.1 / 4.4 / 7.1 / 7.2

   Structural horizontal repair mortar of concrete structures based on chemical binders.

3. Manufacturer:

   BASF Belgium Coordination Center Comm.V.
   Business Belux – Construction Chemicals
   Nijverheidsweg 89 – Industrieterrein Ravenshout/nr.3711
   B – 3945 Ham
   Tel.: +32 (0) 11 34 04 34
   Fax.: +32 (0) 11 40 13 92
   basf-cc-be@basf.com - www.master-builders-solutions.basf.be

4. System/s of AVCP:

   System 2+
   System 3 (for uses subject to reaction to fire regulations)

5. Harmonised standard:

   The notified body: BCCA
   Rue d'Arlon 53
   B – 1040 BRUSSELS
   (Identification number 0749), 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: 0749-CPD-BC2-563-0013-0002-001 Certificate of conformity of the factory production control.

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6. Declared performance(s) (MasterEmaco T 545)

Essential characteristics	Performance	Harmonised technical specification
Compressive strength	Class R4	**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 - Freeze-thaw	 ≥ 2.0 MPa	
Skid resistance	Class I	
Coefficient of thermal expansion	NPD	
Capillary absorption	≤ 0,5 kg/m².$h^{0,5}$	
Reaction to fire	Class A1	
Dangerous substances	Comply with 5.4 (EN 1504-3)	

NPD: no performance determined

The performance of the product identified above is in conformity with the set of declared performance/s. The declaration of performance is issued, in accordance with Regulations (EU) No. 305/2011 and No. 574/2014 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Christophe de Monie
Site Manager Ham &
Supply chain manager EBE for Benelux

Richard Webers
Technical Manager

Ham, 07.07.2017

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