

DECLARATION OF PERFORMANCE

No. BE0037/01

1. Unique identification code of the product-type:
Thoro Structurite 100 (No. BE0037/01)
2. Intended use or uses:
EN 1504-3 Methods 3.1 / 3.3 / 4.4 / 7.1 / 7.2
Cement based mortar (CC) for structural repair of concrete structures
3. Manufacturer:
BASF Belgium Coordination Center Comm.V.
Business Belux – Construction
Nijverheidsweg 89 – Industrieterrein Ravenshout/nr.3711
B – 3945 Ham
Tel.: +32 (0) 11 34 04 32
Fax.: +32 (0) 11 40 13 92
info@thoro.be - www.thoro.be
4. System/s of AVCP:
system 2+
system 3 (reaction to fire)
5. Harmonised standard / notified body/ies:
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.

The notified body MPA Dresden GmbH, identification number 0767, performed the determination of reaction to fire class on the basis of type testing under system 3 and issued: classification report 2005-6-0109.

6. Declared performance(s) (Thoro Structurite 100)

Essential Characteristics		Performance	Harmonised technical specification
Compressive strength	Class R4	EN 1504-3 : 2005	
Chloride ion content	≤ 0,05 % M.-%		
Adhesive bond	≥ 2,0 MPa		
Restrained shrinkage/expansion	NPD		
Carbonation resistance	Pass		
Elastic modulus	≥ 20 GPa		
Thermal compatibility	≥ 2,0 MPa		
- Freeze-thaw			
- Thunder shower			
- Dry cycling			
Skid resistance	NPD		
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