

DECLARATION OF PERFORMANCE

No. BE0053/01

1. Unique identification code of the product-type:

Thoro Structurite R4 (No. BE0053/01)

2. Intended use or uses:

EN 1504-3 Methods 3.1/3.2/4.4/7.1/7.2

Cement based mortar (PCC) 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

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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.

6. Declared performance(s) (Thoro Structurite R4)

Essential Characteristics	Performance	Harmonised technical specification
Compressive strength	Class R4	EN 1504-3 : 2005
Chloride ion content	$\leq 0,05 \% \text{ M.}\%$	
Adhesive bond	$\geq 2,0 \text{ MPa}$	
Restrained shrinkage/expansion	NPD	
Carbonation resistance	Pass	
Elastic modulus	$\geq 20 \text{ GPa}$	
Thermal compatibility		
- Freeze-thaw	$\geq 2,0 \text{ MPa}$	
- Thunder shower	$\geq 2,0 \text{ MPa}$	
- Dry cycling	$\geq 2,0 \text{ MPa}$	
Skid resistance	NPD	
Coefficient of thermal expansion	NPD	
Capillary absorption	$\leq 0,5 \text{ kg/m}^2.\text{h}^{0,5}$	
Reaction to fire	Class A1	
Dangerous substances	Comply with 5.4 (EN 1504-3)	

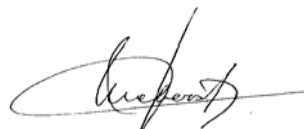
NPD: no performance determined

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, 09.03.2016