



## DECLARATION OF PERFORMANCE No. BE0021/02

1. Unique identification code of the product-type:  
**Thorseal (No. BE0021/02)**
2. Intended use or uses:  
**EN 1504-2 Methods 1.3/2.2/8.2  
Cementitious waterproofing and protective coating.**
3. Manufacturer:  
**Master Builders Solutions Belgium nv  
Nijverheidsweg 89  
B – 3945 Ham**
4. System/s of AVCP:  
**System 2+  
System 4 (for uses subject to reaction to fire regulations)**
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-CPR-BC2-562-24047-0005-001 certificate of conformity of the factory production control.



6. Declared performance(s) (Thoroseal)

Essential Characteristics	Performance	Harmonised technical specification
Linear shrinkage	NPD	<b>EN 1504-2 : 2004</b>
Coefficient of thermal expansion	$\leq 30 \times 10^{-6} \text{ m/m / K}$	
Cross cut	NPD	
Water vapour permeability	Class I	
Capillary absorption and permeability to water	$\leq 0.1 \text{ kg/m}^2 \cdot \text{h}^{0.5}$	
Adhesion after Thermal compatibility		
- Freeze-Thaw cycling	$\geq 0.8 \text{ MPa}$	
- Thunder shower cycling	$\geq 0.8 \text{ MPa}$	
- Dry cycling	NPD	
Resistance to thermal shock	NPD	
Chemical resistance	NPD	
Adhesion strength by pull-off test	$\geq 0.8 \text{ MPa}$	
Reaction to fire (Euroclass)	A1	
Skid resistance	NPD	
Artificial weathering	Pass	
Antistatic behaviour	NPD	
Adhesive on wet concrete	NPD	
Restrained shrinkage / expansion	NPD	
Abrasion resistance	Pass	
Dangerous substances	Comply with 5.3 (EN 1504-2)	

NPD: no performance determined

Performance without further testing:

Reaction to fire: class A1

Fulfilled requirements:

Organic content < 1 % in weight

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:

Erik Herremans  
Head of Production Benelux &  
Site Manager

Bram Thijs  
Laboratory Manager

Ham, 20.05.2022