

DECLARATION OF PERFORMANCE
No. BE0015/02

1. Unique identification code of the product-type:

MasterSeal 6100 FX (No. BE0015/02)

2. Intended use or uses:

EN 1504-2 Principles 1.3/2.2/5.1/8.2
Flexible and elastic cementitious waterproofing and surface protection coating

3. Manufacturer:

Master Builders Solutions Belgium nv
Nijverheidsweg 89
B – 3945 Ham

4. System/s of AVCP:

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

5. Harmonised standard / notified body/ies:

EN 1504-2:2004

BCCA (identification number 0749)
Rue d'Arlon 53
B – 1040 BRUSSELS

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-BC2-562-24047-0005-001 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 2012-B-1268/01.

6. Declared performance(s) for MasterSeal 6100 FX:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Reaction to fire	Class E	System 3	EN 1504-2 : 2004
Linear shrinkage	NPD	System 2+	
Coefficient of thermal expansion	NPD		
Cross cut	NPD		
Carbonation resistance	$S_d > 50 \text{ m}$		
Water vapour permeability	Class I		
Capillary water absorption	$w \leq 0,1 \text{ kg/m}^2 \cdot \text{h}^{-0,5}$		
Adhesion after thermal compatibility - Freeze-Thaw cycling with de-icing salt immersion - Thunder shower cycling	$\geq 1,5 \text{ MPa}$ $\geq 1,5 \text{ MPa}$		
Resistance to thermal shock	NPD		
Chemical resistance	NPD		
Crack bridging ability - Static - Dynamic	A4 (+ 23°C) A3 (-10°C) B3.1(-10°C)		
Adhesion strength by pull-off test	$\geq 1,5 \text{ MPa}$		
Skid resistance	NPD		
Artificial weathering	Pass		
Antistatic behaviour	NPD		
Adhesive on wet concrete	NPD		
Restrained shrinkage/expansion	NPD		
Abrasion resistance	AR1		
Dangerous substances	Comply with 5.3 (EN 1504-2)		

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:



Erik Herremans
Head of Production Benelux &
Site Manager



Bram Thijs
Laboratory Manager

Ham, 05.02.2021