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DECLARATION OF PERFORMANCE

according Annex III of the Regulation (EU) No 305/2011
amended by Commissions delegated Regulation (EU) No 574/2014

No 468601

Unique identification code of the product-type: **MasterSeal M 686**

Intended use/es:

EN 1504-2
Surface protection products – Coating

Manufacturer:

BASF Coatings GmbH
Donnerschweer Str. 372
D-26123 Oldenburg

System/s of AVCP:

EN 1504-2: System 2+ (for uses in buildings and civil engineering works)

Harmonised standard:

EN 1504-2:2004

Notified body/ies:

KIWA Polymer Institut
D-65439 Flörsheim-Wicker
(CE identification number: 1119)

Declared performance/s:

EN 1504-2:

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The product MasterSeal M 686 is used in surface protection system:

MasterSeal 6686

consisting of components:

MasterSeal P 770

MasterSeal M 686

Table 1: Performance in system

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised Technical specification
Linear shrinkage	NPD	System 2+	EN 1504-2:2004
Compressive strength	NPD		
Coefficient of thermal expansion	NPD		
Abrasion resistance	weight loss < 3000 mg		
Cross cut	NPD		
Permeability to CO ₂	s _D > 50 m		
Water vapour permeability	class II		
Capillary absorption and permeability to water	w < 0,1 kg/m ² x h ^{0,5}		
Thermal compatibility	≥ 1,5 N/mm ²		
Chemical resistance	NPD		
Resistance to severe chemical attac	reduction in hardness < 50 %		
Crack bridging ability	B 4.1 (-10°C) dynamic A 5 (-10°C) static		
Impact resistance	class I		
Adhesion strength by pull off test	≥ 1,5 N/mm ²		
Reaction to fire	NPD	System 3	
Skid resistance	NPD	System 2+	
Artificial weathering	passed		
Antistatic behaviour	NPD		
Adhesion on wet concrete	NPD		
Release of dangerous substances	NPD		



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

Signed for and on behalf of the manufacturer by:

Oldenburg, 20.11.2017

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Klaus Claassen
Product Manager Waterproofing Resins Europe