

DECLARATION OF PERFORMANCE

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

No 668902

Unique identification code of the product-type: **MasterSeal 6689 AS**

Intended use/es:

EN 1504-2
Surface protection products – Coating

Manufacturer:

Master Builders Solutions Deutschland GmbH
Donnerschweer Str. 372
D-26123 Oldenburg

System/s of AVCP:

EN 1504-2: System 2+ (for uses in buildings and civil engineering works)
System 3 (for uses subject to *reaction* to fire regulations)

Harmonized 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:

The surface protection system:

MasterSeal 6689 AS

Consisting of components:

Primer: MasterSeal P 770
Conductive Primer: MasterTop P 687WAS
Membrane: MasterSeal M 689 AS

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		
Resistance to thermal shock	Passed		
Chemical resistance	Classes 1, 3, 10		
Resistance to severe chemical attack	reduction in hardness < 50 %		
Crack bridging ability	A3 (23°C)		
Impact resistance	class I		
Adhesion strength by pull off test	≥ 1,5 N/mm ²	System 3	
Reaction to fire	Efl		
Artificial weathering	Passed		
Antistatic behaviour	NPD		
Adhesion on wet concrete	NPD		
Release of dangerous substances	NPD		

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:



Klaus Claassen
Product Manager Waterproofing Resins Europe

Oldenburg, 04.01.2021

Annex:

Technical data sheets for use in buildings (system build-ups according to respective technical data sheets)