

## Declaration of Performance

(Construction Products Regulation No. 305/2011)

**No. DE27-0006-01-CPR-16**

EN

1.	Unique identification code of the product type:	<b>MSeal M 689 colorl. (MS)</b> EN 1504-2: ZA.1d, ZA.1e, ZA.1f. and ZA.1g
2.	Intended use/es:	Surface protection products - Coating
3.	Manufacturer:	BASF Polyurethanes GmbH Elastogranstrasse 60 D-49448 Lemförde GERMANY
4.	Authorised representative:	Not relevant.
5.	System/s of AVCP:	System AVCP 2+ (for uses in buildings and civil engineering works)  System AVCP 3 (for uses subject to reaction to fire regulations)
6a.	Harmonised standard: Notified body/ies:	EN 1504-2:2004  The notified certification body Kiwa Polymer Institut GmbH (1119) performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control under system AVCP 2+.  The notified testing laboratory EXOVA WARRINGTONFIRE (0833) performed the test reports on Reaction to fire declared under system AVCP 3.
6b.	European Assessment Document: European Technical Assessment: Technical Assessment Body: Notified body/ies:	Not relevant.

7. Declared performance/s:

<i>Essential characteristics</i>	<i>Performance</i>	<i>Harmonized technical specification</i>
Linear shrinkage	No performance declared (NPD)	EN 12617-1
Compressive strength	No performance declared (NPD)	EN 12190
Coefficient of thermal expansion	No performance declared (NPD)	EN 1770
Abrasion resistance	< 3000 mg	EN ISO 5470-1
Cross cut	No performance declared (NPD)	EN ISO 2409
Permeability to CO2	sD > 50 m	EN 1062-6
Permeability to water vapour	Class III	EN ISO 7783-1 EN ISO 7783-2
Capillary absorption and permeability to water	w < 0,1 kg/m <sup>2</sup> ×h <sup>0,5</sup>	EN 1062-3
Thermal compatibility	No performance declared (NPD)	EN 1062-11
Resistance to thermal shock	No performance declared (NPD)	EN 13687-5
Chemical resistance	No performance declared (NPD)	EN ISO 2812-1
Resistance to severe chemical attack	Class I	EN 13529
Crack bridging ability	No performance declared (NPD)	EN 1062-7
Impact resistance	Class III	EN ISO 6272-1
Adhesion strength by pull off test	≥ 2 N/mm <sup>2</sup>	EN 1542
Reaction to fire	Cfl-s1	EN 13501-1
Skid resistance	Class III	EN 13036-4
Artificial weathering	No performance declared (NPD)	EN 1062-11
Antistatic behaviour	No performance declared (NPD)	EN 1081
Adhesion on wet concrete	No performance declared (NPD)	EN 13578
Release of dangerous substances	Dangerous substances comply with 5.4.	EN 1504-2

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

SP-09/16

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:

<i>Name and function</i>	<i>Place and date of issue</i>	<i>Signature</i>
Herr Dr. Friedhelm Lehrich Vice President	Lemförde (Germany) 01/05/2016	
Herr. Dr. Onno Graalman Head of Operations PU Systems West	Lemförde (Germany) 01/05/2016	