Maris Polymers®
POLYURETHANE SYSTEMS

DECLARATION OF PERFORMANCE

according Annex III of the Regulation (EU) No 305/20111
amended by Commissions delegated Regulation (EU) No 574/2014

No.016

1. Unique identification code of the product-type: **MARISEAL 460**

2. Intended use: Surface protection product for concrete – coating

   Principles 1 Protection against Ingess – method 1.3
   Principles 2 Moisture Control - method 2.2
   Principles 8 Increasing Resistivity – method 8.2

3. Manufacturer: **MARIS POLYMERS S.M.S.A**
   Industrial Area of Inofita
   GR-32011 Inofita
   Greece

4. Authorised representative: Not relevant

5. System of assessment and verification of constancy of performance: **System 2+**

6. Harmonised standard: **EN 1504-2: 2004, ZA1.d, ZA1.e**
   Products and systems for the protection and repair of concrete structures. Definitions, requirements, quality control and evaluation of conformity. Part 2: Surface protection system for concrete

   Notified body: **EUROCERT / 1128**
   Certificate of conformity of factory production control: **1128-CPR-10.09.0282**

7. Declared performances:

Essential characteristics	Performance	Test standard	Harmonized technical specification
Linear shrinkage	NPD	EN 12617-1	EN 1504-2: 2004
Coefficient of thermal expansion	NPD	EN 1770	
Adhesion by cross-cut test	NPD	EN ISO 2409	
Permeability to CO_2	S_D>50m	EN 1062-6	
Water vapour permeability	Class I: s_D < 5 m	EN ISO 7783	
Capillary absorption and permeability to water	ω < 0,1 kg/m^2.h^{0,5}	EN 1062-3	
Thermal compatibility	NPD	EN 13687-1,2,3	
Crack bridging ability	NPD	EN 1062-7	
Adhesion strength by pull-off test	≥ 1,5 (1,0) [1)] N/mm^2	EN 1542	
Reaction to fire	Class F	EN 13501-1	
Slip / skid resistance	NPD	EN 13036-4	
Behaviour after artificial weathering	NPD	EN 1062-11	
Antistatic behaviour	NPD	EN 1081	
Adhesion on wet concrete	NPD	EN 13578	
Dangerous substances	According 5.3	-	

Note: [1)] The value in brackets is the lowest accepted value of any reading

8. The performance of the product identified above is in conformity with the set of declared performances.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:

Inofyta, 23/08/2021
Dimitris Marinis
Quality Responsible

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Inofyta, 23/08/2021
Thomas Ciffreo
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