

DECLARATION OF PERFORMANCE

according Annex III of the Regulation (EU) No 305/20111
amended by Commissions delegated Regulation (EU) No 574/2014
No 250n


1. Unique identification code of the product-type: **MARISEAL 250 / MARISEAL 250 FLASH**
2. Intended use: **Liquid – Applied roof waterproofing on the basis of polyurethane**
3. Manufacturer: **MARIS POLYMERS 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 3**
6. European Assessment Document: **EAD 030350-00-0402**
European Technical Assessment: **ETA-05/0197 of 26 March 2021**
Technical Assessment Body: **Deutsches Institut für Bautechnik**
Notified Body: **NB-0761: Materialprüfanstalt für das Bauwesen (MPA BS)**
7. Declared performances:

	Essential Characteristic	Performance	
	<i>Minimum Layer Thickness</i>	1.6mm	2.9mm
	<i>Minimum Quantity Consumed</i>	2.4kg/m ²	4.1 kg/m ²
Basic Works Requirements 2: Safety in case of fire			
1	<i>External fire performance of roofs EN13501-5</i>	Froof	
2	<i>Reaction to Fire EN 13501-1</i>	E	
Basic Works Requirements 3: Hygiene, health and the environment			
3	<i>Content, emission and/or release of dangerous substances</i>		
	Release scenario	S/W2	
	Substance/s classified as EU-cat. Carc. 1A and/or 1B	The kit does not contain these dangerous substances	
	Substance/s classified as EU-cat. Muta. 1A and/or 1B		
	Substance/s classified as EU-cat. Repr. 1A and/or 1B		
4	<i>Water vapour permeability</i>		
	Water vapour diffusion resistance factor μ	$\mu \approx 1830$	
5	<i>Watertightness</i>	Watertight	
6	<i>Resistance to Wind loads</i>	$\geq 50kPa$	
7	<i>Resistance to Mechanical Damage (perforation)</i>	P1 to P3	P1 to P4
8	<i>Resistance to Fatigue Movement</i>	W2	W3
9	<i>Resistance to the effects of low and high surface temperatures</i>		
	Resistance to the effects of low temperatures	TL3 (-20C)	TL4 (-30C)
	Resistance to the effects of high temperatures	TH4 (90C)	
10	<i>Resistance to ageing media (heat and water)</i>	W2	W3
11	<i>Resistance to UV radiation in the presence of moisture</i>	M and S	
12	<i>Resistance to Plant Roots</i>	NPA	

13	Effects of variations in kit components and site practices		
	Maximum Tensile Strength at 8 °C	9.7 MPa	
	Elongation at 8 °C	27.70%	
	Dynamic Indentation at 8 °C	P3	P4
	Maximum Tensile Strength at 40 °C	10.4 MPa	
	Elongation at 40 °C	29.90%	
	Dynamic Indentation at 40 °C	P3	P4
14	Effects of day joints	≥ 300kPa	
Basic Works Requirements 4: Safety in use			
15	Slipperiness	NPA	

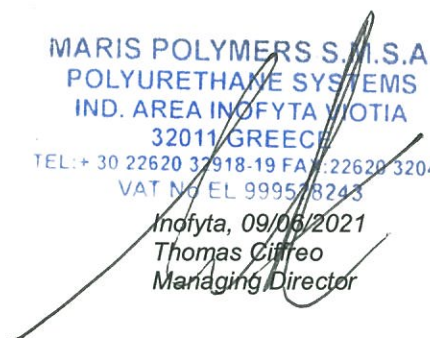
The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Maris Polymers S.A.



Inofyta, 09/06/2021
Dimitris Marinis
Quality Responsible

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Inofyta, 09/06/2021
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