

Unique identification code of the product: MARMOLINE AQUATA SEAL 300 PU

It refers to all batches of MARMOLINE AQUATA SEAL 300 PU, produced after the issue of the present declaration

Intended use /es: Liquid applied roof waterproofing on the basis of polyurethane

Manufacturer /Distributor:

NORDIA S.A., Head Office: 364 Kifissias av., 15233 Chalandri /Greece, tel +302295022225

Manufacturing plant: 1st km Malakasas – Markopoulou Road, 19011 Malakasa, Attica, Greece

Systems of AVCP: System 3

European assessment document: EAD 030350-00-0402

Notified body/ies:

Declared performance /s:


Essential characteristics		Performance		Technical spec.	
		without nonwoven:	with polyester nonwoven:		
External fire performance of roofs		F _{Roof}		EAD 030350-00-0402 §2.2.1 EN 13501-5	
Reaction to fire		Class E		EAD 030350-00-0402 §2.2.2 EN 13501-1	
Content, emission and/or release of dangerous substances		NPD		EAD 030350-00-0402 §2.2.3	
Watertightness		Watertight		EAD 030350-00-0402 §2.2.5	
Resistance to wind loads		≥ 50 kPa		EAD 030350-00-0402 §2.2.6	
Water vapour diffusion resistance factor		μ ~ 1900	μ ~ 1600	EAD 030350-00-0402 §2.2.4	
Resistance to mechanical damage (non-compressible substrates)		P1 (low)	P1 ωç P4 (low to high)	EAD 030350-00-0402 §2.2.7	
Resistance to fatigue movement		W3	W2	EAD 030350-00-0402 §2.2.8	
Resistance to the effects of	low surface temperature	TL4 (-30°C)		EAD 030350-00-0402 §2.2.9	
	high surface temperature	TH3 (+80°C)	TH4 (+90°C)		
Working life according to the resistance to ageing media		W3 (25 years)	W2 (10 years)	EAD 030350-00-0402 §2.2.10.1 - 2.2.10.3	
Resistance to UV radiation in the presence of moisture (climatic zones)		M & S (moderate and severe climatic)		EAD 030350-00-0402 §2.2.10.2	
Resistance to plant roots		NPD		EAD 030350-00-0402 §2.2.11	
Effects of variations in kit components and site practices	at + 3°C	Maximum tensile strength	3.31 MPa	5.75 MPa	EAD 030350-00-0402 §2.2.12
		Elongation	289%	25.3%	
		Dynamic indentation	P4		
	at + 40°C	Maximum tensile strength	3.1 MPa	6.72 MPa	
		Elongation	226%	32.5%	
		Dynamic indentation	P4		

Effects of day joints	1.33 MPa	1.5 MPa	EAD 030350-00-0402 §2.2.13
Slipperiness	NPD		EAD 030350-00-0402 §2.2.14

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) 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:

Malakasa, 5/9/2024

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