

Declaration of performance for the kit ELAPRO 1k-SIL blu

according to Annex III of Regulation (EU) No. 305/2011

1	Product type Unique product type code	ELAPRO 1k-SIL blu ETAG 005-06: „Specific provisions for liquid-applied roof waterproofing based on Polyurethane.“
2	Type, batch, or serial number or another identifier for product identification according to Article 11(4)	Batch number: see packaging/label of the product
3	Intended use Manufacturer's intended use or intended uses of the construction product according to the applicable harmonized technical specification:	Liquid-applied roof waterproofing for sealing used and unused roof surfaces.
4	Trade name and contact address Registered trade name and contact address of the manufacturer according to Article 11(5):	ELAPRO 1k-SIL blu ELAPRO GmbH & Co. KG Wasserturmstraße 5 06766 Bitterfeld-Wolfen Germany
5	Authorized representative If applicable, name and contact address of the authorized representative entrusted with the tasks according to Article 12(2):	Not relevant
6	Performance System(s) for assessment and verification of the performance of the construction product according to Annex V:	System 3
7	Notified body (nEN) In the case of the Declaration of Performance concerning a construction product covered by a harmonized standard:	Not relevant
8	Notified body (ETA) In the case of the Declaration of Performance concerning a construction product for which a European Technical Assessment has been issued:	<p>Deutsches Institut für Bautechnik (DIBt): ETA-24/0110 based on EAD 030350-00-0402</p> <p>Materialprüfungsamt Nordrhein-Westfalen (MPA NRW): P-MPA-E-19-504 dated May 05, 2019 Resistance to flying sparks and radiant heat (hard roofing) according to § 19 of the Lower Saxony Building Code (NBauO) in connection with Section C 4.8 of the Model Administrative Regulation Technical Building Regulations (MVV TB)</p> <p>Materialprüfanstalt für das Bauwesen (MPA Braunschweig): Investigation Report No. 1202/032/19 A-Lau dated December 13, 2019 The examinations on the roof waterproofing system under consideration were conducted in accordance with ETAG 005: Guideline for European Technical Approval for "Liquid-applied Roof Waterproofing" by the Material Testing Institute for Construction.</p> <p>Materialprüfanstalt für das Bauwesen (MPA Braunschweig): P-1202/812/20 MPA-BS dated July 07, 2020 Liquid plastic for building waterproofing in accordance with the Administrative Regulation Technical Building Regulations serial No. C3.28.</p>

9	Declared performances	The product is used in the ELAPRO 1k-SIL blu waterproofing system consisting of components:	
		<ul style="list-style-type: none"> ▪ ELAPRO Vlies 110 Optional: <ul style="list-style-type: none"> ▪ ELAPRO Primer KS ▪ ELAPRO Primer UN 	
	Characteristics	Value	Test method
	Minimum layer thickness	2.1 mm	EAD 030350-00-0402
	Minimum quantity consumed	3.3 kg/m ²	EAD 030350-00-0402
	Resistance to spreading fire and radiant heat	B _{Roof} (t1)	EN 13501-5
	Reaction to fire	Class E	EN 13501-1
	Working life	W3 (25 years)	EAD 030350-00-0402
	Climatic zones	M and S	EAD 030350-00-0402
	Resistance to mechanical damage	P1 to P4	EAD 030350-00-0402
	Roof slope	S1 to S4	EAD 030350-00-0402
	Lowest surface temperature	TL4 (-30 °C)	EAD 030350-00-0402
	Highest surface temperature	TH4 (90 °C)	EAD 030350-00-0402
	Water vapour diffusion resistance factor	μ ≈ 2.000	EAD 030350-00-0402
	Watertightness	Pass	EAD 030350-00-0402
	Hazardous substances	No dangerous substances	
	Resistance to plant roots	root-resistant	
	Resistance to wind loads	≥ 50 kPa for tear-resistant substrates	EAD 030350-00-0402
	Resistance to slipperiness	Performance not determined*	
10	The performance of the above product according to numbers 1 and 2 corresponds to the declared performances according to number 9. For the creation of the Declaration of Performance in accordance with Regulation (EU) No. 305/2011, the above-mentioned manufacturer alone is responsible.		

*The liquid waterproofing is accessible for inspection and maintenance. For private and public use (public traffic), an additional non-slip seal must be applied.

Signed for the manufacturer and on behalf of the manufacturer by:

Bitterfeld-Wolfen, March 13, 2024

