

ALCHIMICA S.A.

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www.alchimica.com



EU-Declaration of Performance

In accordance with Annex III of Regulation (EU) No.305/2011
(Construction Product Regulation)

No: ETA-24/0746_HYPERDESMO®-ADY-610

1. Unique identification code of the product-type:

ETA-24/0746_HYPERDESMO®-ADY-610

2. Intended use:

Liquid Applied Roof Waterproofing Kit, based on Polyurethane

3. Manufacturer:

**ALCHIMICA SA
7, Lampsakou str.
11528 Athens-Greece**

4. Systems of AVCP:

System 3

5. (a) Harmonized standard:

EAD 030350-00-0402

Notified body/dies:

1219

(b) European Assessment Document: **EAD 030350-00-0402**

European Technical Assessment: **ETA-24/0746 05-05-2025**

Technical Assessment Body:

**Instituto De Ciencias De la Construcción Eduardo Torroja
C/Serrano Galvache n4
28033 Madrid**

Notified body:

1219

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6. Declared performance

The product is used for the waterproofing of roof against the water, as in liquid or in vapour form, and it is consisting of components:

PRIMER	CONCRETE	AQUADUR AQUASMART DUR GEODESMO 50
	STEEL	GEODESMO 50
	BITUMEN MEMBRANE	UNIVERSAL PRIMER-2K 4060
WATERPROOFING MEMBRANE		HYPERDESMO ADY-610 unreinforced
		HYPERDESMO ADY-610 reinforced application on bitumen membranes
REINFORCEMENT NON-WOVEN GEOTEXTILE (For application on Bitumen sheets)		GEOTEXTILE 110 pressed
GLASS FIBRE MAT REINFORCEMENT (optional)		GLASS FIBRE MAT REINFORCEMENT

Essential characteristics	Performance	Relevant clauses in EAD (Test standards)	Harmonized Technical Specification
External Fire Performance of roofs*	B _{Roof} (t ₁) - (t ₄)	EAD 030350-00-0402, Clause 2.2.1 (Acc. ENV 1187 & Acc. EN 13501-5)	EAD 030350-00-0402
Reaction to Fire	C, s2 d0	EAD 030350-00-0402, Clause 2.2.2 (Acc. 13501-1)	
Resistance to water vapour	$\mu = 2070$ (2.14 mm thickness)	EAD 030350-00-0402, Clause 2.2.4 (Acc. EN 1931)	
Watertightness	Watertight	EAD 030350-00-0402, Clause 2.2.5	
Resistance to mechanical damage (perforation)	P1-P4	EAD 030350-00-0402, Clause 2.2.7	
Resistance to fatigue movement	W3 1000 cycles (-10 °C) Pass	EAD 030350-00-0402, Clause 2.2.8	
Resistance to the effects of low and high surface temperatures	Low temperatures: TL3 High temperatures: TH4 - TH1	EAD 030350-00-0402, Clause 2.2.9	

Certified quality, environmental and occupational health & safety management systems:
ISO 9001/14001 & ISO 45001.

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Resistance to heat ageing	W3, S (severe) (200 days at 80 °C)	EAD 030350-00-0402, Clause 2.2.10.1	
Resistance to water ageing	W3, S1-S2, P4 (180 days at 60 °C)	EAD 030350-00-0402, Clause 2.2.10.3	
Resistance to UV radiation in the presence of moisture	W3, S (severe) (5000 hours)	EAD 030350-00-0402, Clause 2.2.10.2	
Release of Dangerous Substances	NPA	EAD 030350-00-0402, Clause 2.2.3	
Slipperiness	NPA	EAD 030350-00-0402, Clause 2.2.14	

* According to the various roof slopes conditions on non-combustibles support specified in ETA 24-0746

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

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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:

Krimizis Christos
CEO

Athens 17/07/2025