

ALCHIMICA S.A.

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GREECE.

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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: HYPERDESMO® SYSTEM
HYPERDESMO® - No: CPR-04/0082-COAT
HYPERDESMO® LV / HYPERDESMO® C-LV - No: CPR-18/0947-COAT
HYPERDESMO®-HAA - No: CPR-18/1020-COAT

1. Unique identification code of the product-type:

HYPERDESMO® SYSTEM

2. Intended use:

Liquid Applied Roof Waterproofing Kit, based on Polyurethane

3. Manufacturer:

ALCHIMICA SA
7, Lampsakou str.
11528 Athens-Greece

4. Authorized representative:

-

5. Systems of AVCP:

System 3

6. (a) Harmonized standard:

EAD 030350-00-0402
ETAG 005 – part 1 & part 6

Notified body/dies:

1219
0620

6. (b) European Assessment Document:

European Technical Assessment: **ETA-04/0082 02-12-2021**
ETA-18/0947 09-02-2024
ETA-18/1020 06-12-2018

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

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Technical Assessment Body:

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

**KIWA NEDERLAND B.V
Sir Winston Churchillaan 273
NL-2288 EA Rijswijk Postbus 70 NL 2280 AB Rijswijk**

Notified body:

**1219
0620**

7. 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:

AQUADUR
HYPERDESMO
GEOTEXTILE (optional)
HYPERDESMO-ADY (optional)

Performance determined in **HYPERDESMO® system**

Essential characteristics	Performance	Harmonized technical specification
Minimum thickness	1.2mm	EAD 030350-00-0402
Water vapor diffusion resistance factor (μ)	~1105	EAD 030350-00-0402
Resistance to wind loads	>50KPa	EAD 030350-00-0402
Resistance to plant roots	NPD	EAD 030350-00-0402
Statement on dangerous substances	Does not contain any	EAD 030350-00-0402
Resistance to slipperiness	NPD	EAD 030350-00-0402

	HYPERDESMO	HYPERDESMO + HYPERDESMO- ADY	
External fire performance	Broof (t1,t4)		EAD 030350-00-0402
Fire reaction	Class E		EAD 030350-00-0402
Expected working life	W3 (25 years)	W2 (10 years)	EAD 030350-00-0402
Climatic zone of use	S (Severe)		EAD 030350-00-0402
User loads	P1	P3	EAD 030350-00-0402
Roof slopes	S1 to S4		EAD 030350-00-0402
Minimum surface temperatures	TL3 (-20°C)		EAD 030350-00-0402
Maximum surface temperatures	TH4 (90°C)		EAD 030350-00-0402

NPD: No Performance Determined

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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

AQUADUR
HYPERDESMO LV / HYPERDESMO C-LV
GEOTEXTILE (optional)
HYPERDESMO-ADY (optional)

Performance determined in **HYPERDESMO® LV system / HYPERDESMO® C-LV system**

Essential characteristics	Performance	Harmonized technical specification
Minimum thickness	1.2mm	EAD 030350-00-0402
Water vapor diffusion resistance factor (μ)	~1105	EAD 030350-00-0402
Resistance to wind loads	>50KPa	EAD 030350-00-0402
Resistance to plant roots	NPA	EAD 030350-00-0402
Statement on dangerous substances	Does not contain any	EAD 030350-00-0402
Resistance to slipperiness	NPA	EAD 030350-00-0402

	HYPERDESMO LV / HYPERDESMO C-LV	HYPERDESMO LV / HYPERDESMO C-LV + HYPERDESMO-ADY	
External fire performance	Broof (t1,t4)		EAD 030350-00-0402
Fire reaction	Euroclass E		EAD 030350-00-0402
Expected working life	W3 (25 years)	W2 (10 years)	EAD 030350-00-0402
Climatic zone of use	S (Severe)		EAD 030350-00-0402
User loads	P1	P3	EAD 030350-00-0402
Roof slopes	S1 to S4		EAD 030350-00-0402
Minimum surface temperatures	TL3 (-20°C)		EAD 030350-00-0402
Maximum surface temperatures	TH4 (90°C)		EAD 030350-00-0402

NPA: No Performance Assessed

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HYPERDESMO® HAA System:

Geodesmo Primer + Hyperdesmo® HAA + Geotextile+ Hyperdesmo® ADY-E

Performance determined in **HYPERDESMO®-HAA system**

ESSENTIAL CHARACTERISTICS	PERFORMANCE	TEST STANDARD	HARMONIZED TECHNICAL SPECIFICATION
External Fire Performance	B _{Roof} (t1) B _{Roof} (t4)	ENV 1187 EN 13501-5	ETAG 005-6 2000
Reaction to Fire	Euroclass E	EN 13501-1	
Categorization by working life	W3	ETAG 005-6:2000, 4.3.3	
Categorization by climatic zones	M & S (Moderate and Severe)		
Categorization by imposed loads	P1-P4		
Categorization by roof slope	S1-S4		
Lowest Surface Temperature	TL4		
Highest Surface Temperature	TH4		
Release of Dangerous Substances	None Contained		
Slipperiness	No performance determined		

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

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 14-02-2024

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