

**ALCHIMICA S.A.**

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GREECE.

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[www.alchimica.com](http://www.alchimica.com)



**EU-Declaration of Performance**

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

**No: CPR-18/0946-COAT \_HYPERDESMO® COLD CURE POLYUREA-2K**

1. Unique identification code of the product-type:  
**CPR-18/0946-COAT \_HYPERDESMO® COLD CURE POLYUREA-2K**
2. Intended use:  
**EAD 030350-00-0402**  
**Liquid Applied Roof Waterproofing Kit, based on Polyurethane/Polyurea**
3. Manufacturer:  
**ALCHIMICA SA**  
**7, Lampsakou str.**  
**11528 Athens-Greece**
4. Authorized representative:  
-
5. Systems of AVCP:  
**System 3**
6. (a) European Assessment Document: **EAD 030350-00-0402**  
  
European Technical Assessment: **ETA – 18/0946 / 05-03-2024**  
  
Technical Assessment Body:  
**Instituto De Ciencias De la Construccion Eduardo Torroja**  
**C/Serrano Galvache n4**  
**28033 Madrid**  
  
Notified body:  
**1219**

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

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## 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 COLD CURE POLYUREA-2K  
GEOTEXTILE (optional)  
HYPERDESMO-ADY (optional)

Performance determined in **HYPERDESMO COLD CURE POLYUREA-2K system**

Essential characteristics	Performance	Harmonized technical specification
Minimum thickness	1.2mm	EAD 030350-00-0402
Water vapor diffusion resistance factor ( $\mu$ )	~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 COLD CURE POLYUREA-2K	HYPERDESMO COLD CURE POLYUREA-2K + HYPERDESMO-ADY	
External fire performance	Broof (t1), Broof (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)	TH3 (80°C)	EAD 030350-00-0402

NPA: No Performance Assessed

## 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 14/03/2024

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