



**EU-Declaration of Performance**

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

For the product "**HYPERDESMO® POLYUREA HC**"  
**No: CPR-11/0016-COAT.**

1. Unique identification code of the product-type:  
**ETAG 005, Part 1 & Part 6**
2. Intended use:  
**ETAG 005, Part 1 & Part 6**  
**Liquid Applied Roof Waterproofing Kit, based on Polyurethane**
3. Manufacturer:  
**ALCHIMICA SA**  
**7, Lampsakou str.**  
**11528 Athens-Greece**
4. Authorized representative:  
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5. Systems of AVCP:  
**System 3**
6. (a) Harmonized standard:  
**ETAG 005 – part 1 & part 6**  
Notified body/dies:  
**1219**
6. (b) European Assessment Document:  
European Technical Assessment: **ETA-11/0016 25-01-2011**  
Technical Assessment Body:  
**Instituto De Ciencias De la Construccion Eduardo Torroja**  
**C/Serrano Galvache n4**  
**28033 Madrid**  
Notified body:  
**1219**

7. Declared performance

**ETAG 005 – part 1 & part 6**

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:

HYPERDESMO POLYUREA HC  
UNIVERSAL PRIMER  
HYPERDESMO-ADY-E

Performance determined in **HYPERDESMO® POLYUREA HC**

Essential characteristics	Performance	Harmonized technical specification
Minimum thickness	1.6mm	ETAG 005 – part 6
Water vapor diffusion resistance factor ( $\mu$ )	~9000	ETAG 005 – part 6
Resistance to wind loads	>50KPa	ETAG 005 – part 6
Resistance to plant roots	NPD	ETAG 005 – part 6
Statement on dangerous substances	Does not contain any	ETAG 005 – part 6
Resistance to slipperiness	NPD	ETAG 005 – part 6
External fire performance	Broof (t1): Concrete support	ETAG 005 – part 6
Fire reaction	Class F	ETAG 005 – part 6
Expected working life	W3 (25 years)	ETAG 005 – part 6
Climatic zone of use	S (Severe)	ETAG 005 – part 6
User loads	P4:TH2, P4:TH4, Concrete P3:TH4, Polystyrene	ETAG 005 – part 6
Roof slopes	S1 to S4	ETAG 005 – part 6
Minimum surface temperatures	TL3 (-20°C)	ETAG 005 – part 6
Maximum surface temperatures	TH4-TH2	ETAG 005 – part 6

NPD: 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 07012020