



**EU-Declaration of Performance**

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

**No: CPR-11/0016-COAT\_HYPERDESMO® POLYUREA HC**

1. Unique identification code of the product-type:  
**CPR-11/0016-COAT\_HYPERDESMO® POLYUREA HC**
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 Construcción 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                         | Broot (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,<br>P4:TH4, Concrete<br>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:

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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 07012020