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DE LA CONSTRUCCIÓN  
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## European Technical Assessment

**ETA 04/ 0082  
of 19 /01/2015**

English translation prepared by IETcc. Original version in Spanish language

### General Part

**Technical Assessment Body issuing the ETA and designated according to Article 29 of the Regulation (EU) N°305/2011:**

Instituto de Ciencias de la Construcción Eduardo Torroja (IETcc)

**Trade name of the construction product**

**HYPERDESMO**

**Product family to which the construction product belongs**

Liquid Applied Roof Waterproofing Kit, based on polyurethane

**Manufacturer**

ALCHIMICA, S.A  
C/ Oryzomylon, 13. 122-44 EGALEO,  
Athens - Greece

**Manufacturing plant(s)**

ALCHIMICA S.A.  
69 km. of National road Athens-Lamia, Vrisses Area (on service Rd. Schimatariou-Ritsonas) GR-34100

**This European Technical Assessment contains**

7 pages including 1 Annex which form an integral part of this assessment.  
Annex 2. Contain confidential information and is not included in the ETA when that assessment is publicly available

**This European Technical Assessment is issued in accordance with regulation (EU) No 305/2011, on the basis of**

Guideline for European Technical Approval (ETAG) n° 005, part 1-6 ed. 2004, used as European Assessment Document (EAD)

**This version replaces**

ETA 04/0082 issued on 02/ 12/ 2009

The manufacturer shall make a declaration of conformity, stating that the construction product is in conformity with the provisions of this ETA.

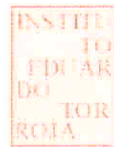
**5.2 Tasks of notified bodies.** The notified body shall perform

**Initial type-testing of the product.** The initial type-testing have been conducted by the IETcc to issued this ETA in accordance with chapter 5 of the guideline “Liquid applied roof waterproofing kits” (ETAG 005) part 1 and 6. The verifications underlying this ETA have been furnished on samples from the current production; these will replace the initial type-testing carried out by the manufacturer. The IETcc has assessed the results of these tests in accordance with chapter 6 of this ETA –Guideline, as part of the ETA issuing procedure.

Issued in Madrid on 19 of January 2015  
by



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On behalf of the Instituto de Ciencias de la Construcción Eduardo Torroja

Marta Mº Castellote  
Director

**Annex 1.**

**Characteristics of the System “HYPERDESMO”**

Minimum thickness	1.2 mm
Water vapour diffusion resistant factor	$\mu \approx 1105$
Resistance to wind loads	> 50 KPa
Resistance to plant roots	NPD
Statement on dangerous substances	Does not contain any
Resistance to slipperiness	NPD

**Performance levels according to the intended use**

	Hyperdesmo	Hyperdesmo + Hyperdesmo-Ady
External fire performance	Broof (t1)	
Fire reaction	Clase F	
Expected working life	W3 (25 years)	W2 (10 years)
Climatic zone of use	S (Severe)	
User loads	P1	P3
Roofs slopes	S1 – S4	
Minimum surface temperatures	TL3 (- 20 °C)	
Maximum surface temperatures	TH4 (90°C)	TH3 (80°C)