

**ALCHIMICA S.A.**

7, Lampsakou St.  
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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-5100/837/14\_AQUASMART®-PU-2K**

1. Unique identification code of the product-type:

**CPR-5100/837/14\_AQUASMART®-PU-2K**

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:

**0761**

6. (b) European Assessment Document:

European Technical Assessment:

**5100/837/14 15-07-2015**

Technical Assessment Body:

**Materialprüfanstalt (MPA) für das Bauwesen  
Beethovenstraße 52  
D-38106 Braunschweig  
GERMANY**

Notified body:

**0761**

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

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## 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:

AQUASMART-PU-2K Comp. A  
AQUASMART-PU-2K Comp. B  
Interlining fabric

Performance determined of **AQUASMART®-PU-2K**

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class E	EN ISO 11925-2
Minimum thickness	1.5mm	ETAG 005 – part 6
Water vapour diffusion resistance factor ( $\mu$ )	~3487	ETAG 005 – part 6
Water tightness	watertight	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)	ETAG 005 – part 6

Fire reaction	Class E	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	P1 to P4	ETAG 005 – part 6
Roof slopes	S1 to S4	ETAG 005 – part 6
Minimum surface temperatures	TL4 (-30°C)	ETAG 005 – part 6
Maximum surface temperatures	TH4 (90°C)	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

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