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EU-Declaration of Performance

No: 4P-0187_HYGROSMART – ADHESIVE TH-70

1. Unique identification code of the product-type:

4P-0187_HYGROSMART – ADHESIVE TH-70

2. Intended use:

EN 13499:2003 and ETAG 004

Adhesive for installation of thermal insulation boards from extruded polystyrene (XPS), expanded polystyrene (EPS), mineral wool/rock wool (MW/RW) and polyurethane (PU) on building external facades and on concrete or plaster/render substrates

3. Manufacturer:

**ALCHIMICA SA
7, Lampsakou str.
11528 Athens-Greece**

4. Authorized representative:

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5. Systems of AVCP:

System 4

6. (a) Harmonized standard:

EN 13499:2003 and ETAG 004

Notified body/dies:

2085

6. (b) European Assessment Document:

European Technical Assessment: **No 4P-0187/08102018**

Technical Assessment Body:

**Eurotest-Control EAD
108 Besarabia St. 1517 Sofia Bulgaria**

Notified body:

2085

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

7. Declared performance

EN 13499:2003 and ETAG 004

Performance determined of **HYGROSMART – ADHESIVE TH-70**

Essential characteristics	Performance	Harmonized technical specification
Bond strength between adhesive and concrete substrate at standard conditions	1.24 N/mm ²	according to ETAG 004
Bond strength between adhesive and concrete substrate after immersion in water for 2 days and 2 hours drying at standard conditions	1.18 N/mm ²	according to ETAG 004
Bond strength between adhesive and concrete substrate after immersion in water for 2 days and 7 days drying at standard conditions	1.56 N/mm ²	according to ETAG 004
Bond strength between adhesive and EPS/XPS substrate at standard conditions: - EPS - XPS	0.12 0.14	according to ETAG 004
Bond strength between adhesive and EPS/XPS substrate after immersion in water for 2 days and 2 hours drying at standard conditions: - EPS - XPS	0.09 0.12	according to ETAG 004
Bond strength between adhesive and EPS/XPS substrate after immersion in water for 2 days and 7 days drying at standard conditions: - EPS - XPS	0.13 0.14	according to ETAG 004
Reaction to fire	Euroclass A1	
Dangerous substances	Does not contain	

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