



**EU-Declaration of Performance**

In accordance with Annex III of Regulation (EU) No.305/2011  
and Commission Delegated Regulation (EU) No 574/2014

**No. 2884-CPR-00157\_ XPS\_PU**

1. Unique identification code of the product-type:

**HYGROSMART COVER OVER SYSTEM XPS\_PU**

2. Intended use:

**External Thermal Insulation Composite Systems (ETICS) with renderings**

3. Manufacturer:

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

4. Systems of AVCP:

**System 2+**

5. European Assessment Document:

**EAD 040083-00-0404**

European Technical Assessment:

**ETA-20/0642 of 09-08-2021**

Technical Assessment Body:

**Technical and Test Institute for Construction Prague (1020)**

Notified body:

**Business Quality Verification (2884)**

**6. Declared performance**

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire of thermal insulation material	E	<b>EAD 040083-00-0404</b>
Water absorption	After 1h: 0.03 kg/m <sup>2</sup> After 24h: 0.19 kg/m <sup>2</sup> (Base coat)	
	After 1h: 0.04 kg/m <sup>2</sup> After 24h: 0.17 kg/m <sup>2</sup> (Complete rendering)	
Hygrothermal behaviour	Resistant to hygrothermal cycles	
Freeze / thaw behaviour	Freeze / thaw resistant	
Bond Strength	<b>Between the base coat and the thermal insulation product (mortar or paste):</b> Initial state: ≥ 0.168 MPa After hygrothermal cycles: ≥ 0.28MPa	
	<b>Between the adhesive and the substrate:</b> Initial state: ≥ 1.24 MPa Immersion 48h and 2h drying: ≥1.18MPa Immersion 48h and 7d drying: ≥1.56MPa	
	<b>Between the adhesive and the thermal insulation product:</b> Initial state: ≥ 0.12MPa Immersion 48h and 2h drying: ≥ 0.10MPa Immersion 48h and 7d drying: ≥ 0.16MPa	
Thermal resistance	≥ 1.00 [(m <sup>2</sup> *K)/W]	

**7. 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 14/04/2022