

**ALCHIMICA S.A.**

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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)

For the product "**HYGROSMART – ADHESIVE TH-70**"  
**No PTD-008**

1. Unique identification code of the product-type:  
**EN 12004:2007+A1:2012**
2. Intended use:  
**EN 12004:2007+A1:2012**  
**Cementation adhesive for ceramic tiles for external and internal use.**
3. Manufacturer:  
**ALCHIMICA SA**  
**7, Lampsakou str.**  
**11528 Athens-Greece**
4. Authorized representative:  
-
5. Systems of AVCP:  
**System 3**
6. (a) Harmonized standard:  
**EN 12004:2007+A1:2012**  
Notified body/dies:  
**2085**
6. (b) European Assessment Document:  
  
European Technical Assessment: **No PTD-008/15112018**  
  
Technical Assessment Body:  
**Eurotest-Control EAD**  
**108 Besarabia St. 1517 Sofia Bulgaria**  
  
Notified body:  
**2085**

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## 7. Declared performance

**EN 12004:2007+A1:2012**

Performance determined of **HYGROSMART – ADHESIVE TH - 70 – Type C2TE**

Essential characteristics	Performance	Harmonized technical specification
High initial tensile adhesion strength	$\geq 1.0 \text{ N/mm}^2$	EN 12004:2007+ A1:2012
High tensile adhesion strength after water immersion	$\geq 1.0 \text{ N/mm}^2$	
High tensile adhesion strength after heat ageing	$\geq 1.0 \text{ N/mm}^2$	
High tensile adhesion strength after freeze - thaw cycles	$\geq 1.0 \text{ N/mm}^2$	
Extended open time: tensile adhesion strength after not less than 30 min	$\geq 0.5 \text{ N/mm}^2$	
Slip	$\leq 0.5 \text{ mm}$	
Reaction to fire	Euroclass A1	
Dangerous substances	In accordance with 4.5	

## 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