



EU-Declaration of Performance

In accordance with Annex III of Regulation (EU) No.305/2011
(Construction Product Regulation)

No: 1020-CPR-020052438_HYGROSMART-ADHESIVE ULTRA-2K

1. Unique identification code of the product-type:

1020-CPR-020052438_HYGROSMART-ADHESIVE ULTRA-2K

2. Intended use:

EN 12004:2007+A1:2012

Cementitious 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:

1020

6. (b) European Assessment Document:

European Technical Assessment: **1020-CPR-020052438 of 15-07-2025**

Technical Assessment Body:

Technical and Test Institute for Construction Prague

Notified body:

1020

7. Declared performance

EN 12004:2007+A1:2012Performance determined of **HYGROSMART – ADHESIVE ULTRA-2K – Type C2TE S1**

Characteristics	Performance values	Requirement EN 12004 + A1 type C2TE S1	Harmonized technical specification
Initial tensile adhesion strength	1.93 MPa	≥1.0 MPa	EN 12004:2007+ A1:2012
Water immersion tensile adhesion strength	1.48 MPa	≥1.0 MPa	
Heat ageing tensile adhesion strength	2.31 MPa	≥1.0 MPa	
Freeze/thaw tensile adhesion strength	1.53 MPa	≥1.0 MPa	
Release of dangerous substances • Index of mass activity "I"	0.25 +/- 0.04	≤1.0	
Transverse deformation	4.7 mm	>2.5 mm (S1) >5.0 mm (S2)	

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 22/07/2025