



EU-Declaration of Performance

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

For the product "**HYGROSMART® BUILDING-45-THIXO**"
No 2085-CPR-061/07.12.2018

1. Unique identification code of the product-type:
Repair mortar type CC – R4
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
Batch number: See product label under "LOT"
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
Concrete repair product for structural repair (CC) mortar, Type R4, Class III.
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
**ALCHIMICA SA
7, Lampsakou Str.,
11528 Athens-Greece**
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):
Not Relevant
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 2+
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:
EN 1504-3:2005

The Notified Certification Body:

**Eurotest-Control EAD (2085)
108 Besarabia St. 1517 Sofia Bulgaria**

has carried out determination of the product-type on the basis of type testing (based on sampling carried out by the manufacturer), and issued the following Test Reports:

No 2085-CPR-061/07062019

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not relevant

9. Declared performance

Performance determined of **HYGROSMART[®] BUILDING-45-THIXO**

Essential characteristics	Performance	Requirement	Harmonized technical specification
Capillary absorption	0.05 kg/m ² .h ^{0,5}	<0.5	EN 1504-3:2005
Compressive strength	49.6 N/mm ²	≥45	
Chloride ion content	<0.01%	≤0.05	
Adhesive bond	2.9 N/mm ²	≥2.0	
Thermal compatibility	2.4 N/mm ²	≥2.0	
Carbonation resistance	pass	d _k ≤ control concrete MC (0,45) for class R4	

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies:

Not applicable

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Krimizis Christos
CEO