

**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 BUILDING-F**"  
**No: CPR-4791**

1. Unique identification code of the product-type:  
**CC - R3**
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 harmonised technical specification, as foreseen by the manufacturer:  
**Concrete repair product for structural repair (CC) mortar, Type R3, 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  
13 Oryzomylon str.,  
12244 Athens-Greece**
5. Where applicable, name and contact address of the authorised 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 4**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
**EN 1504-03**

The notified laboratory:

**CERECO S.A. (2001)  
72° km. National Road Athens-Lamia  
Greece**

Certified quality, environmental and occupational health & safety management systems:  
ISO 9001/14001 & OHSAS 18001.

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HYGRODESMO BUILDING-F/DOP/111215

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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:

**4791**

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

The product is used as a concrete repair product for structural repair.

Performance determined

Essential characteristics	Performance	Harmonised technical specification
Compressive strength	26 MPa <b>(R3)</b>	EN 1504-3
Chloride ion content	<0.05 %	
Adhesive Bond	>1.5 MPa	
Carbonation resistance	Passes	
Elastic Modulus	17.2GPa	
Thermal compatibility, Part 1, Freeze-Thraw	1.7 MPa	
Capillary absorption	0,34 Kg/m <sup>2</sup> .h <sup>0.5</sup>	
Skid Resistance	58 PVT <b>(Class III)</b>	
Dangerous substances	Comply with 5.4	
Reaction to fire	Class A1	

NPD: No Performance Determined

NF: No failure

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

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HYGRODESMO BUILDING-F/DOP/111215