



EU-Declaration of Performance

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

For the product **"HYGROSMART -S10"**
No: CPR-4792

1. Unique identification code of the product-type:
Mortar type GP CSIV, W0.
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:
General purpose mortar (GP), compressive strength type CSIV.
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 4
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:
EN 998-01

The notified laboratory:

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

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:

4792

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 S10**

Essential characteristics	Performance	Harmonized technical specification
Determination of wet mortar cohesion with spreading table	175 mm	EN 998-01
Density of dry mortar	1550 kg/m ³	
Bending strength	3 N/mm ²	
Compression strength	8.7 N/mm ² (CSIV)	
Adhesion to concrete	0,8 N/mm ²	
Thermal conductivity factor ($\lambda_{10, dry}$) (P=50%)	0.57 w/mk	
Capillarity water absorption	0,7 Kg/(m ² min ^{0.5}) (W0)	
Water-vapour diffusion factor (μ)	< 14	
Water-soluble chlorides content	< 0,04 %	
Resistance to fire	Class A1	
Resistance (freeze/thaw cycles)	NPD Evaluation is based on the provisions valid at the intended place of mortar use	

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