



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:

EN 998-01

2. Intended use:

EN 998-01

General purpose mortar (GP), compressive strength type CSIV.

3. Manufacturer:

ALCHIMICA SA
7, Lampsakou Str.,
11528 Athens-Greece

4. Authorized representative:

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5. Systems of AVCP:

System 4

6. (a) Harmonized standard:

EN 998-01

Notified body/dies:

2001

6. (b) European Assessment Document:

European Technical Assessment: **No: CPR-4792 / 11-12-2015**

Technical Assessment Body:

CERECO S.A.
72nd km. National Road Athens-Lamia
Greece

Notified body:

2001

7. Declared performance

EN 998-01

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	

NPD: No Performance Determined

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