



EU-Declaration of Performance

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

No: CPR-4791_HYGROSMART BUILDING-F

1. Unique identification code of the product-type:
CPR-4791_HYGROSMART BUILDING-F
2. Intended use:
EN 1504-03
Concrete repair product for structural repair (CC) mortar, Type R3, Class III.
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 1504-03
Notified body/dies:
2001
6. (b) European Assessment Document:

European Technical Assessment: **No: CPR-4791 / 30-11-2015**

The notified laboratory:
CERECO S.A.
72nd km. National Road Athens-Lamia
Greece

Notified body:
2001

7. Declared performance

EN 1504-03

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

Performance determined of **HYGROSMART BUILDING-F**

Essential characteristics	Performance	Harmonized technical specification
Compressive strength	26 MPa (R3)	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-Thaw	1.7 MPa	
Capillary absorption	0,34 Kg/m ² .h ^{0.5}	
Skid Resistance	58 PVT (Class III)	
Dangerous substances	Comply with 5.4	
Reaction to fire	Class A1	

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