



**EU-Declaration of Performance**

In accordance with Annex III of Regulation (EU) No.305/2011  
and Commission Delegated Regulation (EU) No 574/2014

**No: 2884-CPR-00156\_1**

1. Unique identification code of the product-type:

**HYGROSMART<sup>®</sup> MAK FLOW**

2. Intended use:

**EN 1504-3:2005**

**Hydraulic mortar (R4-CC) for structural repair of concrete in building and civil  
engineering works**

**Principles 3, 4 & 7, Methods 3.2, 4.4, 7.1 & 7.2  
according to EN1504-9:2008.**

3. Manufacturer:

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

4. Systems of AVCP:

**System 2+**

5. (a) Harmonized standard:

**EN 1504-3:2005**

Notified body/dies:

**Business Quality Verification (2884)**

6. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Compressive strength	Class R4	EN 1504-3:2005
Adhesive bond	1.6 MPa	
Capillary absorption	$\leq 0,5 \text{ kg/m}^2 \cdot \text{h}^{0,5}$	
Chloride ion content	$\leq 0.05\%$	
Carbonation resistance	Pass	
Thermal compatibility (freeze-thaw cycling)	$\geq 2.0 \text{ MPa}$	
Reaction to fire	Class A1	
Dangerous substances	See SDS	

7. 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 27/03/2023