



**EU-Declaration of Performance**

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

**No: 2085-CPR-082\_ HYGROSMART<sup>®</sup> IMPER C**

1. Unique identification code of the product-type:  
**2085-CPR-082\_ HYGROSMART<sup>®</sup> IMPER C**
  2. Intended use:  
**EN 1504-2:2004**  
**Concrete surface protection systems - Coating**
  3. Manufacturer:  
**ALCHIMICA SA**  
**7, Lampsakou Str.,**  
**11528 Athens-Greece**
  4. Authorized representative:  
-
  5. Systems of AVCP:  
**System 2+**
  6. (a) Harmonized standard:  
**EN 1504-2:2004**
- Notified body/dies:  
**2085**
6. (b) European Assessment Document:  
  
European Technical Assessment: **2085-CPR-082/15.09.2021**  
  
Technical Assessment Body:  
**Eurotest-Control EAD**  
**108 Besarabia St. 1517 Sofia Bulgaria**
- Notified body:  
**2085**

7. Declared performance

**EN 1504-2:2004**

Performance determined of **HYGROSMART<sup>®</sup> -IMPER C**

| <b>Essential characteristics</b>             | <b>Performance</b>                       | <b>Harmonized technical specification</b> |
|--|--|---|
| CO <sub>2</sub> permeability                 | 180 m                                    | EN 1504-2:2004                            |
| Water vapour permeability                    | 4,2 m                                    |   |
| Capillary absorption & permeability to water | 0,08 kg/m <sup>2</sup> .h <sup>0,5</sup> |   |
| Adhesion strength by pull-off test           | 1,2 N/mm <sup>2</sup>                    |   |
| Reaction to fire                             | Euroclass A1                             |   |
| Dangerous substances                         | does not contain                         |   |

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

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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 15/09/2021