

**ALCHIMICA S.A.**

7, Lampsakou St.  
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GREECE.

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[www.alchimica.com](http://www.alchimica.com)



**EU-Declaration of Performance**

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

**No: 2928-CPR-55\_HYGROSMART® GD PRIMER**

1. Unique identification code of the product-type:

**HYGROSMART® GD PRIMER**

2. Intended use:

**EN 1504-2:2004  
Concrete surface protection systems – Coating**

3. Manufacturer:

**ALCHIMICA  
7, Lampsakou str.  
11528 Athens-Greece**

4. Systems of AVCP:

**System 2+**

5. (a) Harmonized standard:

**EN 1504-2:2004**

Notified body/dies:

**2928**

(b) European Assessment Document:

European Technical Assessment: **2928-CPR-55 / 27.10.2022**

Technical Assessment Body:

**CERTMAT Ltd  
Bulgaria, Sofia 1379, 32 Batolova Vodenitsa str.**

Notified body:

**2928**

Certified quality, environmental and occupational health & safety management systems:  
ISO 9001/14001 & ISO 45001.

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## 6. Declared performance

| Essential characteristics                                 | Performance                  | Harmonized technical specification |
|---|------------------------------|------------------------------------|
| CO <sub>2</sub> permeability, m                           | S <sub>D</sub> >50           | EN 1504-2:2004                     |
| Permeability to water vapor, m                            | S <sub>D</sub> <5<br>Class I |                                    |
| Capillary absorption, kg/m <sup>2</sup> .h <sup>0.5</sup> | w<0.1                        |                                    |
| Adhesion strength by pull-off test, N/mm <sup>2</sup>     | ≥1.0                         |                                    |
| Abrasion resistance, mg                                   | <3000                        |                                    |
| Impact resistance, N.m                                    | ≥4<br>Class I                |                                    |
| Reaction to fire  | Euroclass F                  |                                    |

## 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 27/10/2022