



EU-Declaration of Performance

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

No: 21-M_HYGROSMART[®] – SILICONE - PLASTER

1. Unique identification code of the product-type:
21-M_HYGROSMART[®] – SILICONE - PLASTER
2. Intended use:
Silicone rendering and plastering mortar
3. Manufacturer:
**ALCHIMICA SA
7, Lampsakou Str.,
11528 Athens-Greece**
4. Authorized representative:
-
5. Systems of AVCP:
System 4
6. (a) Harmonized standard:
EN 15824:2017

Notified body/dies:
2928
6. (b) European Assessment Document: -

European Technical Assessment:
No 21-M/24-06-2022

Technical Assessment Body:
**CERMAT LTd
1619 Sofia Bulgaria**

Notified body:
2928

7. Declared performance

EN 15824:2017

Performance determined of

HYGROSMART® - SILICONE-PLASTER

| Essential characteristics | Performance | Harmonized technical specification |
|---|--|------------------------------------|
| Water vapour transmission rate, V | 203 g/ (m ² .d) category V1 | EN 15824:2017 |
| Liquid water permeability, W | 0.03 kg/(m ² .h ^{0.5}) category W3 | |
| Bond strength by pull-of test | 1.5 N/mm ² | |
| Bond strength by pull-of test (with primer) | 1.6 N/mm ² | |
| Thermal conductivity | 0,6 W/(m.K) | |
| Reaction to fire | Class A2-S1 | |

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 11/07/2022