

ALCHIMICA S.A.

7, Lampsakou str.
115 28 Athens
GREECE.

Tel: +30 214 4167 700

Fax: +30 214 4167 701



www.alchimica.com



EU-Declaration of Performance

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

For the product "**HYPERSEAL®25 LM-S**"

No: CPR-5113/850/14-1

CPR-5113/850/14-2

1. Unique identification code of the product-type:
EN 15651 – part 1 & part 4
2. Intended use:
EN 15651 – part 1 & part 4
Non-structural sealants for façade elements used in cold climates,
Type F-EXT-INT CC, Class 25LM,
method B requirements in accordance with EN 15651-1

Non-structural sealants for pedestrian walkways,
Type PW-EXT-INT, class CC 25LM,
method B requirements in accordance with EN 15651-4
3. Manufacturer:
ALCHIMICA SA
7, Lampsakou str.
11528 Athens-Greece
4. Authorized representative:
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5. Systems of AVCP:
System 3
6. (a) Harmonized standard:
EN 15651 – part 1 & part 4
Notified body/dies:
0761
6. (b) European Assessment Document:

European Technical Assessment:

5113/850/14-1 & 5113/850/14-2 & K-3329/400/14-MPA BS (reaction to fire)
09-12-2014

Technical Assessment Body:

MPA Braunschweig
Materialprüfanstalt für das Bauwesen Beethovenstrasse 52
D-38106 Braunschweig GERMANY

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

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Notified body:

0761

7. Declared performance

EN 15651 – part 1 & part 4

The product is used as a single-component, polyurethane-based joint sealant for façade elements and for walkways.

Performance determined of **HYPERSEAL® 25LM-S**

| Essential characteristics | Performance | Harmonized technical specification |
|---|--------------------|---|
| Reaction to fire | Class E | EN 15651-1 |
| Elastic recovery (%) | >90% | EN ISO 7389 |
| Resistance to flow (mm) | ≤3mm | EN ISO 7390 |
| Tensile properties – secant modulus- at 23 ⁰ C | ≤0.4MPa | EN ISO 8339 |
| Tensile properties – secant modulus- at -30 ⁰ C | ≤0.9MPa | EN ISO 8339 |
| Tensile properties at maintained extension | NF | EN 8340 |
| Adhesion/cohesion properties at variable temperature | NF | EN ISO 9047 |
| Loss of mass/volume | ≤10% | EN ISO 10563 |
| Tensile properties at maintained extension after immersion in water (4 days) | NF | EN ISO 10590 |
| Tensile strength (movement capacity 50%) | NF | EN ISO 8340 |
| Outdoor Requirements: | | |
| Tensile properties at maintained extension after immersion in water (28 days) | NF | EN ISO 10590 |
| Tensile properties at maintained extension after immersion in saltwater (28 days) | NF | EN ISO 10590 |
| Adhesion/cohesion properties after exposure to heat, water and artificial light through glass | NF | EN ISO 11431 |

NPD: No Performance Determined, NF: No failure

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 07012020