



EU-Declaration of Performance

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

No: CPR-5113/850/14-3, CPR-5113/850/14-4_HYPERSEAL®EXPERT

1. Unique identification code of the product-type:

CPR-5113/850/14-3, CPR-5113/850/14-4_HYPERSEAL®EXPERT

2. Intended use:

EN 15651-1: 2012, EN 15651-4: 2012

**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 15651-1: 2012, EN 15651-4: 2012

Notified body/dies:

0761

6. (b) European Assessment Document: -

European Technical Assessment:

**5113/850/14-3 & 5113/850/14-4 & K-3024/904/14-MPA BS (reaction to fire).
09-12-2014**

Technical Assessment Body:

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

Notified body:

0761

7. Declared performance

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

Performance determined of **HYPERSEAL® EXPERT**

Essential characteristics	Performance	Test method	Harmonized technical specification
Reaction to fire	Class E	EN ISO 11925-2	EN 15651-1:2012 EN 15651-4:2012
Elastic recovery (%)	>70%	EN ISO 7389	
Resistance to flow (mm)	≤3mm	EN ISO 7390	
Tensile properties – secant modulus- at 23°C	≤0.4MPa	EN ISO 8339	
Tensile properties – secant modulus- at -30°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	

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 30/01/2025