



DECLARATION OF PERFORMANCE

No. PLPH-seal
Name of the product

COLD APPLIED 2-COMPONENT ASPHALT POLYURETHANE ELASTIC JOINT SEALANT

1. Unique identification code of the product-type:

ESHAPOLYPHALT A+B (Type M-sl-D)

2. Type, batch or serial number or any other element allowing identification of the construction product:

Batch number: see packaging of the product

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Cold applied 2-component asphalt polyurethane joint sealant, for filling horizontal or slightly inclined joints in roofs, concrete Pavements, roads, parking decks, bridge decks, airfields and other trafficked areas.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer:

**ALFA ALFA ENERGY SA
Paralia Aspropyrgou Attikis
19300 Aspropyrgos, Athens - Greece**

5. System or systems of assessment and verification of constancy of performance of the construction product:

System 4

6. In case of the declaration of performance concerning a construction product covered by an International standard:

EN 14188-2, System 4

The notified body
Performed the initial inspection of the manufacturing plant and of the factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued:

Not applicable (System 4, self certification)

Certificate of quality assurance of the factory production control
Not applicable (System 4, self certification)

ALFA ALFA ENERGY S.A

Offices - Production: Paralia Aspropyrgou, 193 00 Aspropyrgos Attikis Tel: 210-5518700 Fax: 210-5572974
Offices - Warehouse Thessaloniki: Ipirou 18, 570 09 Kalochori, Thessaloniki Tel: 2310-783725, Fax: 2310-783326
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REGISTER No. S.A.: 8088/03/B/86/63(06) & 121709007000

V.A.T. No. EL 094119545

Company Certified by



EN ISO 9001: 2015

EN ISO 14001: 2015





7. Declared performance

Technical Characteristics	Performance	Test Specification
(* Physical state	Elastomeric mass	Visual Observation
(* Color	Black	Visual Observation
Density	1,0 ±0,1g/cm ³	EN 13880-1
Rate of Cure	At 2h, > 80%	EN 14187-1
Tack free time	≤5h at 25°C, 50%RH	EN 14187-2
Self Leveling Property	≤1mm horizontal level, 5 °C	EN 14187-3
Chemical Resistance against slightly acidic and alkaline solutions	≤-25% change in mass ≤ ±30% change of volume	EN 14187-4 (Test liquid 5% HCl and 5% NaOH)
Elastic Recovery	≥80%	EN ISO 7389
Resistance to Hydrolysis	Change in Hardness Shore A ≤ ±50%	EN 14187-5
Modulus of elasticity at 100% extension for 24h at 23°C	≥ 0.15 MPa	EN 10002-1
Resistance to flame	No flow, No flaking	EN 14187-7
Recommended Primer	ESHAPRIMER-21	(-)

Company Certified by



(* Declared properties, further to the requirements of EN 14188-2

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

EN ISO 9001: 2015 Signed for and on behalf of the manufacturer by:

EN ISO 14001: 2015




Elias Aloupis,
Chemical Engineer
Quality Control Manager

Date of 2nd issue,
Aspropyrgos 03-09-2019

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