



## DECLARATION OF PERFORMANCE

No. 002-HDPE

Name of the product

**Plastic Geo - Membranes  
Eshaprotect 1.0**

1. Unique identification code of the product-type:

**Production Code Nr.  
Kritiflex 6075 1,0 mm**

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:

**Landfill lining, Landfills capping, Waste-water treatment reservoirs,  
Manmade water reservoirs, Irrigation canals, Agriculture and Aquaculture,  
Tunnels, Earth dams, Underground insulation of chemical plants, oil  
production facilities etc., Mining, Civil engineering projects, Evaporation  
basins**

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

**PLASTIKA KRITIS S.A.  
P.O.Box 1093  
GR 710 01 Iraklion, GREECE**

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

**EN 13361 , EN 13362 , EN 13491, EN 13492, EN 13493 , EN 15382**

6. 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:

**1213-CPR-4479**

**Certificate of quality assurance of the factory production control**

Company Certified by



EN ISO 9001: 2015

EN ISO 14001: 2015



**ALFA ALFA ENERGY A.B.E.E.**

Γραφεία - Εργοστάσιο Αττική: Παραλία Ασπρούργου, 19300 Ασπρούργος Αττικής - Τηλ: 210-5518700 Fax: 210-5572974

Γραφεία - Αποθήκη Θεσ/νίκη: Ηπείρου 18, 57009 Καλοχώρι, Θεσσαλονίκη

- Τηλ: 2310-783725, Fax: 2310-783326

Γραφεία - Αποθήκη SOFIA Bulgaria Kv.Drujba

- Τηλ: +3592 9791119, Fax: +3592 9791180

**www.esha.gr e-mail: info@esha.gr**

A.M.A.E.:8088/03/B/86/63(06) & AP. Γ.Ε.ΜΗ.:121709007000



7. Declared performance

Technical Characteristics	Declared Value	Μονάδα	Μέθοδος Ελέγχου
Thickness	1	mm	
Density	0.946	g/cm <sup>3</sup>	ASTM D 792
Carbon Black Content	2-3	%	ASTM D4218
Melt Flow Index	0.15	g/10min.190°C	ASTM D1238
Tensile Strength at Yield, Machine Direction	17.0	N/mm <sup>2</sup>	ASTM D6381V
Tensile Strength at Yield, Transversal Direction	17.0	N/mm <sup>2</sup>	ASTM D638, type IV
Tensile Strength at Break, Machine Direction	32.0	N/mm <sup>2</sup>	ASTM D638, type IV
Tensile Strength at Break, Transversal Direction	32.0	N/mm <sup>2</sup>	ASTM D638, type IV
Elongation at Break, Machine Direction, Gauge Length 50mm	850	%	ASTM D638, type IV
Elongation at Break, Transversal Direction, Gauge Length 50mm,	850	%	ASTM D638, type IV
Puncture Resistance	360	N	ASTM D4833
Tear Resistance, Machine Direction	249	N	ASTM D1004C
Tear Resistance, Transversal Direction	249	N	ASTM D1004C

Company Certified by



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.

Signed for and on behalf of the manufacturer by:

EN ISO 9001: 2015

EN ISO 14001: 2015



Aspropyrgos 19-7-2019

**Elias Aloupis,**  
**Chemical Engineer**  
**Quality Control Manager**



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