



we know how
since 1962

JOINT SEALANTS
POLYSULPHIDE SEALANT

ESHATHIOSEAL 200E

Self levelling kerosine resistant joint sealant



GENERAL DESCRIPTION

ESHATHIOSEAL 200E is a high-performance elastomeric, POLYSULPHIDE sealing material for horizontal expansion joints, two-component (A+B), with excellent resistance to fuels, kerosine, etc. Upon curing, it forms an elastic joint sealant capable of accommodating joint movements greater than 25% at temperatures up to 60°C.

USES

ESHATHIOSEAL 200E is suitable for use as:

- A sealing material for horizontal expansion joints of any stable construction elements (e.g., concrete, metal)
- Ideal for sealing joints in airplane parking and refueling zones
- Ideal for sealing joints in car parking areas, gas stations, and harbor piers
- Not recommended for asphalt joint sealing

APPLICATION METHOD

a) Joint preparation

The joint must be clean and dry, free of dust, oils, and foreign materials. Old joint materials must be removed. For proper joint shape and performance, it is recommended to use a closed-cell backer rod according to the following table:

Joint width (cm)	0,64 - 1,27	1,27 - 2,54	>2,54
Joint depth (cm)	= 0,7	Joint width /2	Joint width /3 (min 1,3)

b) Joint sealing

For concrete surfaces, priming is usually not required (a pre-test is recommended). Where necessary, joint surfaces should be primed with **ESHAPRIMER 21** or **ESHADESMOLAST AQUA PRIMER 2K**, two-

FEATURES / ADVANTAGES

- ▶ High-performance elastomeric polysulphide joint sealant
- ▶ Two-component system (A + B)
- ▶ Excellent resistance to fuels and kerosine
- ▶ Ideal for airplane and vehicle fueling areas
- ▶ Ideal for use in harbor joints

Alfa-Alfa Energy A.B.E.E.

ATHENS | CENTRAL OFFICES - FACTORY: Paralía Aspropyrgou 193 00 Aspropyrgos, Greece | T. +30 210 5518 700

THESSALONIKI | OFFICES - WAREHOUSE: 18 Epirou Str., 570 09 Kalochori | T. +30 2310 783 725

www.esha.gr • sales@esha.gr





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component epoxy primer. Primer is applied at least 1 hour, but not more than 8 hours before sealing.

The two components of ESHATHIOSEAL 200 E are intensively mixed by mechanical means (stirrer).

Stirring is continued for 2 min after homogeneity is achieved.

If separation, or unimixing of separate ingredients is observed, the ingredients A and B must be stirred well separately, before their mixing, in order their homogeneity is achieved.

If applied using a dosing/mixing machine (Type M), material temperature must be maintained between 20°C and 35°C. The time between mixing and application should not exceed 30 minutes.

Curing time depends on ambient temperature and humidity. Initial hardening occurs within 1.5 hours; full cure in 24 hours. However, light traffic may be allowed after 3 hours, provided the temperature is above 16°C. The material is applied by pouring directly into the joint after mixing the two components.

Application should not be performed below 4°C.

With proper application and no mechanical damage or force majeure, the expected lifetime is at least 7 years.

CONSUMPTION

Example:

For a joint 2 cm wide 1 cm deep, consumption is approx. 320gr per run meter.

For **ESHAPRIMER 21**, typical consumption is 400 g/m² (or 20gr per meter linear of sealing).

PACKAGING

Two-part sets with different colors:

Component A: 19 kg (Black)

Component B: 29 kg (White-Silver)

STORAGE

In sealed containers, stored in dry conditions at 26°C, shelf life is at least 9 months with no deterioration.

PRECAUTIONS

ESHATHIOSEAL 200E – Component A

Harmful to aquatic life with long-lasting effects. If medical advice is needed, keep the product container or label at hand. Keep out of reach of children. Read all instructions carefully. Avoid release to the environment. Dispose in accordance with local/national regulations.

Emergency phone : 112

UFI: 9F00-S0QD-E00T-4T52

NORMS/CERTIFICATION

Conforms with F.S.-SS-S-200E (TYPE-M)
EN 14188-2 (TYPE M-sl-B) &
ELOT TP 1501-06-01-02-00:2021

Coding of NATO

Code cat.: G0022
P/N (material):1331
NsN:8030231147100

For all available certificates and certifications please contact Esha Sales Department



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ESHATHIOSEAL 200E – Component B

Warning: May harm breastfed children. Very toxic to aquatic life with long-lasting effects. Keep away from children. Obtain special instructions before use. Avoid inhalation of mist/vapor. Avoid contact during pregnancy/breastfeeding. In case of exposure: seek medical advice. Contains chlorinated paraffins C14–17 and thiram (ISO) – may cause allergic reaction.

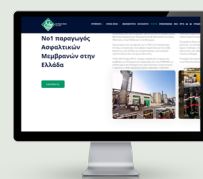
Emergency phone: 112

UFI: XA70-80X4-X00E-23S7

For professional use only.



Today, Esha is the No. 1 producer of bituminous waterproofing membranes in Greece, while also offering more than 500 codes of specialized products (emulsions and solutions for surface protection and waterproofing, joint sealing materials, acrylic, epoxy, polyurethane, polysulfide materials, modified bituminous for road construction (elastomers, plastomers, with recycled tires), asphalt emulsions for road construction, bituminous bridge waterproofing materials, polyurethane thermal insulation boards, etc.).



See the products
and their applications
on our new website
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SPECIFICATIONS

Properties (Mix A+B)	Nominal Value
Physical State	Elastomeric mass
Color (A + B mix)	Dark grey
Density	1,50 ± 0,1gr/cm ³
Mixing Ratio (p.b.v.)	A/B = 1/1
Pot Life (25°C)	<3 hours
Viscosity (at 25°C)	
Component A	12.000 CPS
Component B	7.000 CPS
Full Curing	24h
Shore A	20 ± 5
Recovery	≥ 70%
Volume Change (Fuel Immersion)	< 5%
Mass Change (Fuel Immersion)	< 2%
Sag Resistance	< 0,5%
Elongation	> 200%
Tensile Strength	> 90 PSI
Service Temperature Range	-50 to +100
Artificial Aging (160 h)	No defects, no blistering
Adhesion to Concrete	> 2,3 N/mm ²
Fire Resistance	No flow, no flaking

Tolerances in the nominal values are in accordance with respective standards. Producer reserves the right to modify the properties of his products.

The information contained in this leaflet is, to the best of our knowledge, true and reliable and is supported by the present state of our knowledge. According to the care taken and the method of application, upon which we have no influence, the values are subject to divergence. Therefore for best results, prior to use, an application test should be made by the user under his own processing conditions.