



we know how
since 1962

BITUMINOUS SEALANTS

ESHASEALER No1

Plastomeric bituminous waterproofing sealant



GENERAL DESCRIPTION

ESHASEALER No1 is a cold applied bituminous plastic mastic for horizontal and vertical joint sealing. It forms a hard surface while it remains plastic in its bulk. It has good adhesion to all common building materials and is able to accommodate normal movement. It is resistant to detergents, acid or alkali solutions but not to solvents, oils or fuels. It has no effect on polyurethane foam, polyethylene, glass wool.

TYPICAL APPLICATIONS

- Designed for sealing horizontal and vertical expansion joints
- Sealing of waterproofing membranes defects and special points such as corners, gutters e.t.c.
- Spot adhesion-fixation of bituminous tiles
- Sealing of cracks on concrete, plaster or brick

Adhesion-fixation of thermo insulation slabs on vertical surfaces

APPLICATION METHOD

Joints should be dry, dust free, clean from oils and foreign matter. Previously used materials should be well removed. Sealing depth should not be less than a fraction of 0,7 the joint's width and be at least 7 mm.

ESHASEALER No1 is applied by spatula or chaulking gun. For better adhesion joint surface should be primed before sealing. **ESHALAC 50S** bituminous varnish use is recommended as a primer to be used 1 or 2 hours before **ESHASEALER No1** application.

CONSUMPTION

ESHASEALER No1: Indicatively for a 2 cm width joint (1,4 cm is the sealing depth) and consumption is expected to be 336g /l inear meter, when **ESHALAC 50S** primer is expected to be 400g/m² of joint sealing surface.

CHARACTERISTICS/ADVANTAGES

- ▶ Capable of accommodating joint movement
- ▶ Good adhesion to all common building materials
- ▶ Resistant to detergents and dilute acidic and alkaline solutions, but not resistant to solvents, oils, or fuels
- ▶ Does not affect polyurethane foam, polyethylene, or fiberglass

Alfa-Alfa Energy S.A.

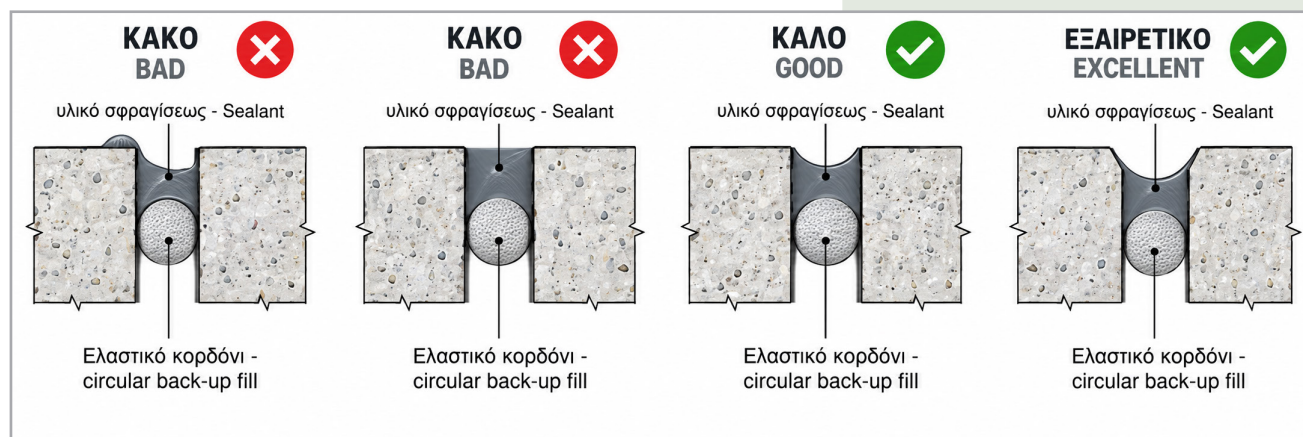
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PACKING

Metallic pails of 1kg, 5kg and 20kg & sausages of 600ml.

STORAGE

If stored in conditions between 10 - 25°C within its closed and unopened pails, **ESHASEALER No1** remains unaffected for 12 months.

PRECAUTIONS

Flammable liquid and vapour. Causes skin irritation. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/protective clothing / eye protection / face protection. Obtain special instructions before use. Do not breathe dust / fume / gas / mist / vapours/spray.

IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Get medical advice / attention if you feel unwell. Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. Dispose of contents/ container in accordance with local / regional / national / international regulations.

European Emergency Tel.: 112

For more information please ask the material's MSDS from Esha sales dept.

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



See the products
and their applications
on our new website
www.esha.gr

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TECHNICAL CHARACTERISTICS

PROPERTIES	UNIT	DECLARED VALUES	TEST METHOD
Physical state	(-)	Elastoplastic mass	Visual Observation
Color	(-)	Black	Visual Observation
Density	g/cm ³	1,15 ± 0,1	EN 13880-1
Rate of Cure (At 2 days)	%	> 80	EN 14187-1
Tack free time (25°C,50%RH)	h	≤5	EN 14187-2
Extrudability	ml/min	≥ 70	EN 28394
Sag Test	mm	Vertical : ≤ 2mm Horizontal: ≤ 2mm	EN ISO 7389
Resistance to flame	(-)	No flow, No flaking	EN 14187-7
Flow test at 60°C / 75deg / 5h	mm	< 5	ASTM D-1851
Boarding to concrete after 5 cycles of extension/compression		No cracks & loss of adhesion	ASTM D-1851 Observation

Fluctuations in nominal values are in accordance with the relevant standards. The manufacturer reserves the right to modify the properties of its products. Esha provides information and, in particular, recommendations regarding the application and end use of its products based on its current knowledge and experience, when the products are stored, used, and applied under normal conditions. In practice, there are variations in substrates and local application conditions, so Esha cannot guarantee the success of the application of any material. It is recommended that the user test the application of the material under the local application conditions.