



we know how
since 1962

WATERPROOFING COATINGS BITUMINOUS BINDERS

ESHATOPRIMER

Eco-Friendly Elastomeric Bituminous Primer



GENERAL DESCRIPTION

EshaToPrimer is a high grade eco-friendly elastomeric waterproofing bituminous primer.

It belongs to **ESHA's** new generation technology of water based primers, that combines the best features of traditional solvent primers (fast drying, durability, easy application) while being environmentally and user friendly. It is not flammable and does not contain volatile organic compounds that are responsible for many direct and long-term health problems (**VOC's FREE**).

It is not inflammable and forms a continuous watertight film. **Esha ToPrimer** is a rapid setting and deep penetrating primer that is used for torching bituminous membranes and for waterproofing of vertical or horizontal concrete surfaces. Its unique penetrating ability in addition to its very fast drying time, make it ideal for the application of a membrane waterproofing system within a day period

Esha ToPrimer is used for:

- Priming concrete surfaces to increase bonding of bituminous waterproofing membranes.
- Waterproofing of vertical or horizontal concrete surfaces (e.g. terraces, balconies and sloped roofs, interior and exterior walls, basement walls)
- As vapor barrier.

STORAGE

Stored in protected areas where temperature is maintained above 5 °C. Preserved in sealed containers for over one year.

PACKING

In plastic pails of 18 Lt.

CHARACTERISTICS/ADVANTAGES

- ▶ Excellent Elasticity
- ▶ Perfect adhesion to all construction materials
- ▶ Fast drying. Allows torching of waterproofing membranes within a day period
- ▶ Easy application
- ▶ Environmentally friendly, zero VOC's, odourless
- ▶ Excellent vapor barrier
- ▶ High softening point (>85°C), neither softens under intense sunlight nor becomes sticky

Alfa-Alfa Energy S.A.

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INSTRUCTIONS FOR USE

WEATHER CONDITIONS

Avoid rainy – frost weather. Do not apply at temperatures below 5°C.

GENERAL INFORMATION

- Stir well before use
- Do not dilute. Dilution changes technical characteristics of **EshaToPrimer**.

SURFACE PREPARATION

- Surfaces should be regular, dust free, clean from oils and foreign matter. **Esha ToPrimer** can be applied on dry or damp (not wet) surface.

APPLICATION

- It is cold applied by brush, roller or spray.
- The drying time is approximately 30 min under normal weather condition

CLEANING OF TOOLS

Tools are cleaned with water before the **EshaToPrimer** has dried or with gasoline in case it has already dried.

CONSUMPTION

The consumption ranges between 0,200 - 0,300 kg/m², per layer, depending on the surface type and porosity.

PRECAUTIONS

Warning. May cause damage to organs through prolonged or repeated exposure. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. Get medical advice/attention if you feel unwell. Dispose of contents/container in accordance with local/regional/national/international regulations. Contains Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%). Repeated exposure may cause skin dryness or cracking.

European Emergency Tel.: 112

UFI: 6K20-E0YA-3006-PAQP

Για αναλυτικότερες πληροφορίες ζητήστε το MSDS από το τμήμα πωλήσεων της ESHA



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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Primer

TECHNICAL CHARACTERISTICS

PROPERTIES	T*	NOMINAL VALUES	TEST METHODS	UNITS
Physical State	---	Bituminous Ecological Waterproofing and protection liquid primer	MDV	---
Color	---	Brown-black	Observation	---
Density	± 0.05	1.01	ISO 12185	g/cm ³
pH Value	± 2	9.0	ISO 976	---
Type of Bituminous Binder		Asphalt 50/70	MDV	---
Type of Modifier		Natural Latex	MDV	---
Softening point		85	EN 1427	°C
Elastic Recovery	$\leq$	45	EN 13398	%
Tack free time	$\geq$	0.5	ASTM D-2377	h
Adhension to concrete (Pull-out-test)	$\geq$	1.2	EN ISO 4624	N/mm ²

(*)T: Fluctuations in nominal values

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.