



WATERPROOFING BITUMINOUS VARNISH / PRIMER

- ✓ Strong adhesion to concrete surfaces
- ✓ Fast and reliable application

**GENERAL DESCRIPTION**

**EshaFast** is a bituminous varnish used mainly for priming concrete surfaces to increase bonding of bituminous waterproofing membranes. **EshaFast** dries fast and provides a durable and uniform waterproofing film with very good adhesion properties on construction materials, withstanding acid and alkaline solutions, as well as saline water.

**USES**

- Surface primer for adhesion of bituminous membranes.
- Waterproofing and protection of external concrete surfaces.

**Attention:** The material should only be used in open spaces or in areas with optimum ventilation.

**EshaFast** is compatible with polyurethane, concrete, lightweight concrete, asbestos cement, brick, stones, metal, wood and plasterboard. It is not compatible with polystyrene because it contains organic solvents.



**INSTRUCTIONS FOR USE**

**SURFACE PREPARATION**

Surfaces should be regular, dry, dust free, clean from rust, foreign matter and loose materials.

**Application**

**EshaFast** is cold applied by roller, brush or spray gun.

**1. PRIMER FOR APPLICATION OF BITUMINOUS WATERPROOFING MEMBRANES**

- One layer is sufficient. Adhesion of bituminous membranes with a torch on a surface primed with EshaFast should start only after all solvent content has evaporated (at least 24 hours after surface priming has finished). For vertical surfaces (e.g. parapets) it is recommended to apply at least two layers of **EshaFast**.

**2. WATERPROOFING OF CONCRETE SURFACES**

- It is recommended to apply at least two layers. Each new layer is applied in a criss-cross pattern with respect to the previous one, when the latter is dry.

**CONSUMPTION**

For concrete surfaces consumption ranges between 0.3 - 0.5 kg/m<sup>2</sup> per layer, depending on the surface type and porosity.

**CLEANING OF TOOLS**

Tools are cleaned with organic solvent.




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**TECHNICAL CHARACTERISTICS**

In its initial physical condition **EshaFast** is a low viscosity liquid. After all organic solvents have evaporated, a watertight film is formed, that is not influenced by most common salts and chemical agents contained in soil. It is attacked by organic solvents and mineral oils.

PROPERTIES	NOMINAL VALUE	TEST METHOD
PHYSICAL APPEARANCE	Low viscosity liquid	Observation
COLOR	Black	Observation
DENSITY	0.85 - 0.95 g/cm <sup>3</sup>	According to requirements of τnc ASTM D-41
FUROL VISCOSITY AT 25° C	25 - 150 sec	
RESIDUE AFTER EVAPORATION	70 %	
Ash content of residue	≤ 2 %	
Penetration of residue at 25° C	20 - 50 dmm	
Solubility of residue in CS <sub>2</sub>	≥ 99 %	
Water immersion resistance	No change or bubbles	
Flow resistance at 80° C	No flow or bubbles	

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

**PRECAUTIONS**

- **EshaFast** contains inflammable solvents. It must not be applied or kept near sources of heat and ignition.
- Vapour inhalation must be avoided. Ventilate well during application.
- Always wear suitable gloves and eye-face protection during use because it is irritating to eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In liquid form it pollutes the water. It should not be disposed to the ground but be treated according to the relevant regulations.

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

**PACKAGING**

In pails of **17 kg** and drums of **170 kg**.

**STORAGE**

At least for one year in sealed containers. Store in dry environment. Do not expose to heat sources.

Directions given on or in the packages or containers will always prevail.

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.

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EN ISO 9001:2008  
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