



LAC 50S

PENETRATING WATERPROOFING
BITUMINOUS VARNISH / PRIMER

GENERAL DESCRIPTION

ESHALAC 50S is a bituminous varnish used mainly for priming concrete surfaces to increase bonding of bituminous waterproofing membranes. **ESHALAC 50S** is an ideal primer because it penetrates deeply and fast inside the surface pores due to its low viscosity and its antistripping agents.

When dry, it forms a hard and uniform water repellent film which is not affected by weak acid and alkali solutions.

USES

- Surface priming
- Waterproofing and protection of external concrete surfaces
- Anticorrosive protection of metallic surfaces

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

ESHALAC 50S 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..



INSTRUCTION OF USE

Surface preparation

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

Application

- Primer for application of bituminous waterproofing membranes

One layer is sufficient. Adhesion of bituminous membranes with a torch on a surface primed with **ESHALAC 50S** should start only after all the 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 **ESHALAC 50S**.

- Waterproofing of concrete surfaces/ anticorrosive protection of metallic 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.

Application temperature should be higher than 5 °C. Waterproofing should be carried out by technicians, properly trained and certified in the bituminous membranes application.





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CONSUMPTION

For concrete surfaces consumption ranges between 0.2 - 0.4 kg/m² per layer, depending on the surface type and porosity. When used for protection of metallic surfaces consumption ranges between 0.1 - 0.2 kg/m² per layer.

CLEANING TOOLS

Tools are cleaned with organic solvent.

INSTRUCTION OF USE

In its initial physical condition **ESHALAC 50S** 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 solvent and mineral oils.

PROPERTIES	NOMINAL VALUE	TEST METHOD
PHYSICAL APPEARANCE	Low viscosity liquid	Observation
COLOR	Black	Observation
DENSITY	0.85 - 0.95 g/cm ³	According to Requirements of ASTM D-41
FUROL VISCOSITY at 25°C	25 -150 sec	
RESIDUE AFTER EVAPORATION	65%	
Ash Content Residue	≤ 2%	
Penetration of Residue at 25°C	20 -50 dmm	
Solubility of RESidue in CS ₂	≥ 99%	
Water Immersion Resistance	No change or bubbles	
Flow Resistant 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.

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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