



Licalastic Svart

Elastic bituminous sheath with water.



MAIN FIELDS OF USE

It is particularly suitable to:

Waterproof where it is not possible to use polymer bituminous membranes or to be applied by flame. Perform or restore the waterproofing of terraces, balconies, roofs, etc.

Recommended applications:

Waterproof all the most common materials used in construction. Glue insulating panels.

Diluted to 50% with water, make a binding layer before laying **Licalastic Svart** or **Licalastic Scud**.

- Pre-existing bituminous sheaths
- Plastic materials
- Concrete, mortars and all the most common substrates used in construction
- Metals
- Fibre-Cement
- Plasterboard
- Wood
- Ceramics
- Glass

CHARACTERISTICS

Good elasticity even at low temperatures, conferred by bituminous polymers in dispersion.

Versatile application, executable by roller, brush, spray, brush, spatula or toothed squeegee.

Cold laying: the bituminous water emulsion does not require the use of flame.

Excellent adhesion power on almost all substrates adopted in construction.

UV stable, retains adhesion and elasticity from -20°C to +150°C (a slight change is possible).

The high resistance makes it ideal to withstand atmospheric agents and many acids.

METHODS OF APPLICATION

Preparation of the substrate

Before applying **Licalastic Scud**, perform the following operations:

- **New substrates**: they must be solid and dry.
- **New bituminous surfaces**: check the adhesion of the product and the absence of oily exudes in advance.
- **Degraded or crumbled substrates**: remove any friable, poorly cohesive or detaching part and restore the correct flatness with materials from the **licata.Repair** line; cracks must be sealed with a suitable **LicaFlex 100** polyurethane sealant. For very crumbled and dusty surfaces, the application of **Licalastic Svart** diluted with 50% water is recommended as a base coat.
- **Wet substrates**: to avoid bubbles on slabs with humidity above 5%, apply the appropriate exhaling products to eliminate condensation under the waterproof mantle (1 exhaling product per 40/50 m²); however, make sure that there are no water stagnations.
- **Water outflow points**: ensure the correct solidity and efficiency.

In all cases, the substrate must be clean, planar, cohesive, free of any kind of detaching substance and water.

Preparation of the product

Licalastic Svart is ready to use, however it is recommended to mix the product manually (do not use mechanical mixers) before use.

Application

1_Spread the product by brush, roller, spray (with appropriate airless).

2_The application must include at least two/three layers (it is recommended not to exceed the thickness of 1 mm for each coat, to prevent blocking the evaporation of the water contained in the liquid product).

It is important to know that in all applications on reinforced concrete or on any substrate where there is the presence of metal, micro-cracks will form (every 3 – 4 meters) that will require the use of a reinforcement ironwork. The sheets recommended to reinforce **Licalastic Svart** are the following:

_ **Lica Armor 1000** (60 g/m² micro-perforated polypropylene non-woven fabric) anti-crack substrate for exposed waterproofing.

_ **Water Texture** (130 g/m² polyester non-woven fabric) for waterproofing that will be covered with ceramic coating.

_ **Texture 2000** (70 g/m² polyester non-woven fabric) for waterproofing that will be covered by a cement screed or for waterproofing of metal substrates.

NOTE On surfaces larger than 10 m² or stressed substrates it is always recommended to use a reinforcement drowned in the first coat of **Licalastic Svart** still fresh. In case of foundation waterproofing, they must be further covered with suitable protections to prevent the sheath from being damaged during re-burying operations.

Licalastic Svart can be walked over occasionally in cases of occasional maintenance; to increase its strength and durability, we recommend painting with suitable protective products (**Licalastic Scud** or **Licalastic One**). Not recommended for use on surfaces subject to climbing or strong water pressure.

PRODUCT INFORMATION

Characteristic	Test method	Performance
Appearance		Black thixotropic paste
Chemical base		Mixture of bituminous polymers additives and elastomers
Packaging		310 ml HPE cartridges 1 Kg plastic jar 5 Kg plastic bucket 20 Kg plastic bucket
Storage in unopened original packaging		12 months in a dry place between +5° and +35°C
Density	EN ISO 2811-1	1.21 +/- 0.04 kg/l at 20 °C
Flash point		Not inflammable
Dry residue at 130°C	EN ISO 3251	53% - 59%
Brookfield viscosity at 20°C (rev. 6 to 10 RPM)	EN ISO 3219	700 P +/- 140
Drying time for covering		24/48 hours at 23 °C 50% R.H.

PERFORMANCE CHARACTERISTICS (UNI EN 1504-2:2005 – C Coatings – PI MC IR)

Characteristic	Test method	Performance
Permeability to CO ₂	EN 1062-6	Sd _{CO2} > 50 m
Water-vapour permeability	EN ISO 7783	Class I
Capillary water absorption and liquid water permeability	EN 1062-3	W < 0.1 Kg/m ² *h ^{1/2}
Adhesion force by direct traction	EN 1542	1 N/mm ²
Elongation at load	Internal Test	1000%

WARNINGS

- Product for professional use.

In the case of applications other than those indicated in the sheet, it is advisable to carry out a suitability check in advance and/or contact the licata Technical Service for further information.

- Always check the colour, texture and appearance before application. Any claims regarding this will not be accepted once the product has been applied.
- Do not apply in extreme conditions such as on icy surfaces or in the presence of fog/excessive ambient humidity.

To avoid aesthetic and functional defects, adequate shielding must be provided in case of direct exposure to sunlight.

- Make sure that the ambient, substrate and product temperatures during application and drying are between +5°C and +35°C.
- Properly care for the product until it is completely dry and at least in the first 48-72 hours, protecting it from rain, wind, weather and direct sunlight.
- The temperature and humidity can accelerate (if high) or slow down (if too low) even drastically the maturation process, until it stops completely.
- The presence of scaffolding, the use of natural raw materials and the impossibility of controlling atmospheric conditions and the substrate can lead to signs of recovery and inhomogeneity for which licata SpA is not responsible.
- The fresh product can be washed with water.

SAFETY

Protect eyes and hands during application.

Read and keep the latest version of the Safety Data Sheet available for information on the correct disposal, storage and handling of the product.

NOTES

This data sheet replaces and voids all previous versions.

The instructions and performance information given in this document are based on our current technical-scientific knowledge and must in any case be considered purely indicative and refer to standard laboratory conditions. The purchaser must, therefore, check that the product is suitable for his specific requirements. All the documentation necessary for the safe use of licata SpA products is available in its most up-to-date form on the **licata SpA** company website. Additionally, our technical-commercial network guarantees a quick inquiry and remains available to you for information and explanations. For further information, contact the licata Technical Service at servizio-tecnico@licataspa.it

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