



Liquid bituminous water-based sealant membrane ready to use with excellent cohesion, flexibility, waterproofing and UV resistance characteristics even at temperatures between -20 °C and +150 °C

licalastic Svart

licata.waterproofing

Certificate according to EN 1504-2



Black

BLACK



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Waterproofing



③ **licalastic Svart**

Liquid bituminous water-based sealant membrane with elastomeric resins.

② **Membrana impermeabilizzante**

Waterproof membrane for base of walls

① **Reinforced concrete walls**

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Bituminous membrane

Total coverage of di 1,5 ÷ 2 kg/m² Texture 2000 polyester non - woven fabric (width 25 to 100 cm)

For applications on bituminous membranes suffering from leaks in membrane overlapping, you can treat the overlap only. The first step consists of applying a 20 - cm **Texture 2000** polyester non - woven fabric using a first coat of **licalastic Svart** onto which the **Texture 2000** polyester non-woven fabric will be glued and after at least 24 hours, apply a second coat, for a total coverage of about 0.5 kg per linear meter.

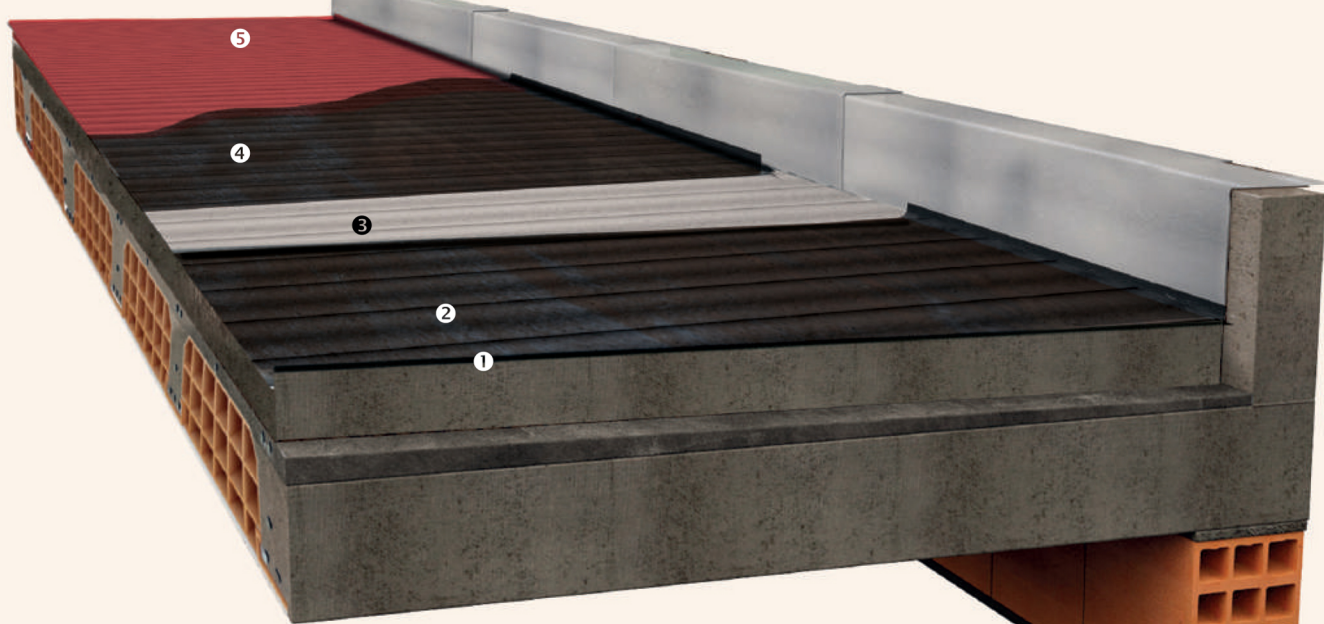
NOTE: No need to treat the whole surface, but only the overlapping welds of the different bituminous sheets, therefore with a considerable saving of product and labour.

For applications on particularly worn out bituminous membranes, or where total waterproofing is recommended and the removal of the entire waterproofing system is not necessary, the following steps can be taken: clean the surface well to remove dust, earth or loose membrane; proceed by laying on top of the old membrane 100 - cm sheets of **Texture 200** polyester non - woven fabric glued with **licalastic Svart** at about 0.5 kg/m², overlapping the sheets by at least 10 cm and after 24 hours spread a coat of **licalastic Svart**, using a roller, brush, blade or airless gun, and a second coat of **licalastic Svart** after 24 to 48 hours, for a total coverage of about 2.0 kg/m².

Metallic surfaces

Total coverage of 0,5 ÷ 1,0 kg/m² of Texture 2000 polyester non - woven fabric (width 20 cm) For applications on metal substrates first check the condition then clean the substrate using high pressure brushes or a high pressure washer. In particular, it is essential to remove all loose rust and residue particles that would impede the adhesion of **licalastic Svart**. If the metal surface has holes due to wear and rust, repair the surface first.

Then apply 20-cm rolls of **Texture 2000** polyester non-woven fabric using **licalastic Svart** on the butt joints of the sheets at a rate of about 0.5 kg/m². On the treated metal surface, spread with a brush, roller or airless gun a first coat of licalastic Svart of about 0.25 to 0.5 kg/m², and apply a second coat of **licalastic Svart** of about 0.25 to 0.5 g/m² at an interval of at least 48 hours (the metal substrate absorbs more slowly than a cement substrate for which licalastic Svart dries more slowly).



④ ***Licalastic Svart***

Liquid bituminous water-based sealant membrane with elastomeric resins.

③ **Texture 2000**

Technological bonding fabric, suitable for strengthening liquid sealant based on solvent polyurethane resins.

② ***Licalastic Svart***

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① **Corrugated sheet**

⑤ **Top Layer 100 A+B**

two component polyurethane aliphatic coating UV resistant. (apply at least 15-20 days from setting (***Licalastic Svart***)

Licalastic Svart

Painting

Licalastic Svart is a UV and ageing resistant product and does not require surface treatment.

Licalastic Svart can be left in its black colour. If painting is required to essentially reduce heat absorption caused by its black colour or to improve its appearance, you have the following options: ***Licalastic Svart*** is paintable using the synthetic acrylic water-based paint **Licalastic 120 AC**, in white, grey or red colour after at least 2 to 3 days, using a brush or a roller with only one coat and with approximate coverage of 250 g/m². ***Licalastic Svart*** is also paintable using polyurethane **Licalastic 150 PU** coating after 15 to 20 days using a brush, a roller or airless gun with only one coat and with an approximate coverage of 400 g/m² or with **Licata Top Layer 100**, using a brush, a roller or airless gun applying only one coat and with a coverage of 150 g/m².



TECHNICAL DETAILS

Licalastic Svart a highly adhesive product, it is particularly suitable for all maintenance requirements.

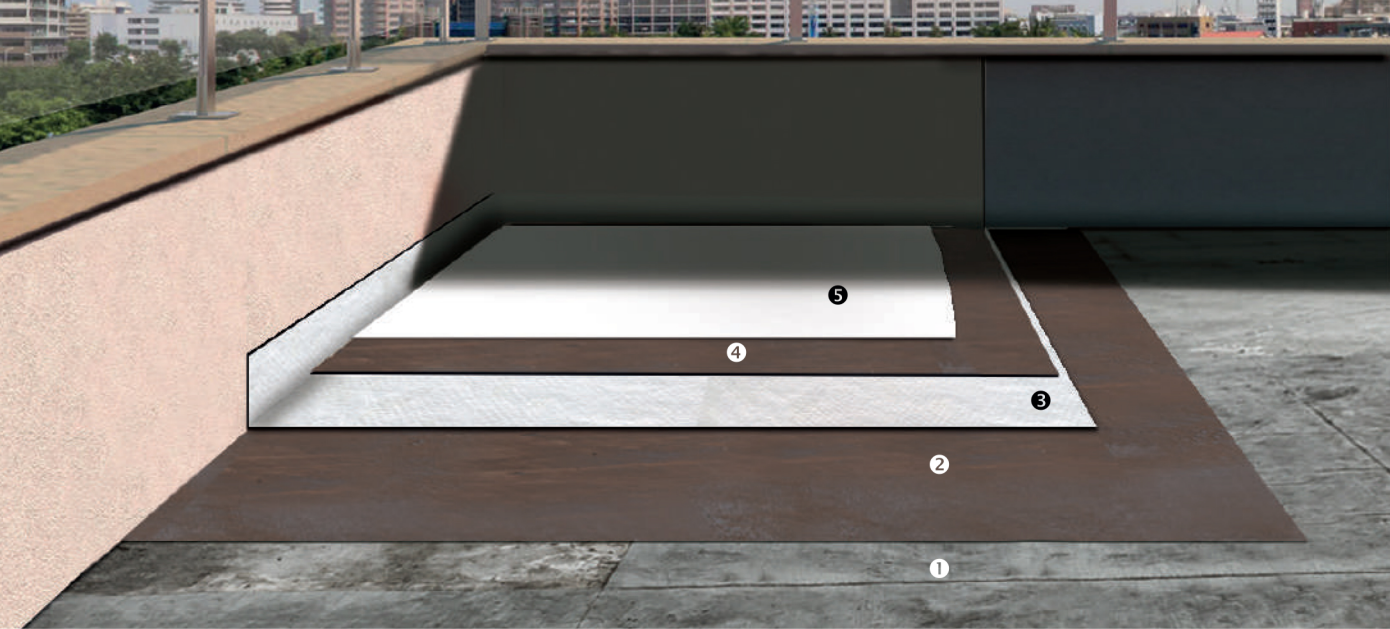
Licalastic Svart can be used to seal drains, piping joints, exhaust outlets, etc. In particular, ***Licalastic Svart*** is compatible with materials such as PVC, TPE and HDPE, steel, copper and aluminium. It is not recommended on materials such as TPO.

Warnings

Licalastic Svart is cold sensitive in its packaging and if frozen the product is no longer usable; ***Licalastic Svart*** must be stored at +5 °C minimum temperature.

Do not apply ***Licalastic Svart*** at temperatures lower than +5°C (specially at night) or higher than +50°C. Do not apply ***Licalastic Svart*** in adverse weather conditions as the wet layer can be washed away by rainwater or damaged by frost.

Do not apply ***Licalastic Svart*** on very hot surfaces as the water contained in the product will evaporate too quickly, deteriorating it, with subsequent problems of adhesion to the substrate and compromise of the seal. In general, in summer it is advisable to apply ***Licalastic Svart*** in the early hours of the morning, thus avoiding the heat peak, especially for applications on metal surfaces or bituminous membranes, which black colour doesn't self-protect, hence when exposed to the sun will reach very high temperatures, above +50 °C.



4 **Licalastic Svart**

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3 **Texture 2000**

Technological bonding fabric, suitable for strengthening liquid sealant based on solvent polyurethane resins.

2 **Licalastic Svart**

Liquid bituminous water-based sealant membrane with elastomeric resins.

1 **Old bituminous sealant**

5 **Licalastic 120 AC**

Coloured flexible acrylic resin- based membrane in aqueous dispersion specific for the waterproofing and maintenance of bituminous sealant. (wait at least 2-3 days from the application of **Licalastic Svart**)

For an easy application **Licalastic Svart** can be diluted to 5% water. The drying time of **Licalastic Svart** depends on weather conditions and on the surface on which it is applied. **Licalastic Svart** sealant needs to set for at least 24 to 48 hours for resistance to rain exposure. **Licalastic Svart** sealant needs to set for at least 20 days for surfaces in direct contact with water, such as tanks, flower pots, cisterns, etc.

Licalastic Svart has to set for at least 20 days before being covered with bases or materials that can slow down the evaporation of the water contained in the product: for example, soil in flower pots, concrete slabs on flooring, ballast gravel in flat surface terraces, etc. **Licalastic Svart** cannot be used as a pedestrian walkway; it can be occasionally stepped on during routine maintenance.

MAIN TECHNICAL DATA

Appearance	Dense fluid
Coverage	1 - 1,5 kg/m ²
Colour	Black when dry
Stability in the original sealed container	12 months
Dry-to-touch-time	6 hours
Flammability point in sealed container	Not flammable
Coverage drying time	24/48 hours
Dry residue at 130 °C	60% - 68%
Brookfield viscosity at 20°C (SPIN. N.6 E10RPM)	50.000 (±10.000) cP
CO ₂ permeability	S _d >50 m
Water vapour permeability	Classe I S _d >5 m
Capillary absorption and water permeability	w <0,1 kg/m ² h ^{0,5}
Tensile strength of adhesion	≥ 1 N/mm ²
Elasticity break strength	500% - 1000%
Specific weight at 20°C	1,2 (±0,04) kg/l
Packaging	1 kg, 5 kg and 20 kg

APPLICATION





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- ② **Membrana impermeabilizzante**
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Waterproofing

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waterproofing product line



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