Licalastic Scud

Fibred and coloured elastomeric waterproofing sheath.

MAIN FIELDS OF USE

It is particularly suitable to:
Protect and waterproof concrete structures (foundations, etc.). Act as a waterproofing layer prior to ***licata.koll*** **Super S1** and **Flex Plus**. Restore normal and slated bituminous sheaths.
Recommended applications:
Waterproof all the most common materials used in construction. Act as a layer of waterproofing adhesive before laying new screeds, adhesives for tiles in general, etc. Glue insulating panels on porous substrates. Make a layer of anti-dust primer.

CHARACTERISTICS

The high adhesion power even in extreme conditions and on different surfaces, proves its reliability over time.

Waterproofing, resistant to CO_2, chlorine and with crack bridging ability even at low temperatures (-20 °C).

Inert to UV rays: also indicated as a final layer exposed to the sun.

Easy application: smoothness and easy detachment from the tools make laying quick and easy.

The extreme elasticity allows the sealing of interfaces of different materials and substrates subject to expansion.

The absence of solvents makes it an odourless product, easy to use even indoor and for prolonged periods.

Conforms to **UNI EN 14891** and **1504-2** in class **CM02P**.

METHODS OF APPLICATION

Preparation of the substrate
Before applying **Licalastic Scud** perform the following operations:

- **New bituminous surfaces:** check the adhesion of the product and the absence of oily exudes in advance.
- **New covers with bituminous membranes:** apply a preventive coat of **Licalastic Svart** diluted to 10% with water.
- **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.

Each coat of repair products must be suitably matured before laying the next one, in accordance with the relevant technical data sheets.

Presence of moisture: In the presence of surface moisture or moisture counter-thrust phenomena, treat the substrate with the specific primer **EpoxyCem TX A+B+C** (three-component epoxy-cement primer).

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

Application

1_Spread the product with a smooth spatula, rubber-coated doctor blade or rollers (in sponge or short yarn), using a brush in the corners.
2_The application must include at least two/three layers (at intervals of about 3 – 4 hours) with a total average consumption of 1.5 - 2 kg/m², which may vary depending on the nature and degree of porosity of the substrate (the thickness for each layer must not be > 1 mm).

3_In corners, edges, in joints between walls and floors and in the interface between different materials, it is recommended the use of the self-adhesive stripe **LicaBand BTS100**.
4_The next coats must be applied crossed with respect to the previous ones.
Subsequent applications will only improve the waterproofing intervention, in any case the laying times must be respected, always making sure that the last layer is perfectly dry and solid.

PRODUCT INFORMATION

Characteristic	Test method	Performance
Colour		White, Red, Gray, Green
Packaging		5 and 18 kg plastic bucket
Stability in the original packing		12 months
Specific weight at 20°C	EN ISO 2811-1	1,35 kg/l ± 0,05
pH at 20 °C		8 -11
Dry residue at 130°C	EN ISO 3251	64% - 71%
Brookfield viscosity at 20°C (rev. 6 to 10 RPM)	EN ISO 3219	50.000 cP ± 10.000
Cold flexibility		-20°
Drying time		about 4 hours *
Complete drying time		about 24 hours *

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

Characteristic	Test method	Performance
Permeability to CO_2	EN 1062-6	Sd > 50 m
Water-vapour permeability	EN ISO 7783	Class I - SD < 5 m
Capillary water absorption and liquid water permeability	EN 1062-3	W < 0,1 Kg/m²*h½
Adhesion force by direct traction	EN 1542	1 N/mm²
Abrasion Resistance	EN ISO 5470-1	< 3 g
Dry residue at 130°C	EN ISO 6272-1	classe II 10 Nm

PERFORMANCE CHARACTERISTICS required according to UNI EN 14891

Characteristic	Performance
Initial traction adhesion (point A.6.2)	> 0,5 N/mm²
Traction adhesion after immersion in water (point A.6.3)	> 0,5 N/mm²
Traction adhesion after heat action (point A.6.5)	> 0,5 N/mm²
Traction adhesion after freezing/thawing cycles (point A.6.6)	> 0,5 N/mm²
Traction adhesion after immersion in water and lime (point A.6.9)	no penetration
Determination of crack bridging (-5 ±1 °C) (A.8)	> 0.75

Resistance to static indentation EOTA TR 007

Load	Loading category	Result
250 N	P4	Water tightness of the product: Level L4 with a category of load P4

Dynamic indentation resistance EOTA TR 006

Pull Point	Punch diameter	Result
L2	≤20 mm	Water tightness of the product: Level L2

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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