

LicaPrimer 600

Single-component polyurethane adhesion promoter

LicaPrimer 600 is an adhesion promoter made with single-component polyurethane resins, formulated specifically to treat critical substrates, such as: bitumen sheaths, concrete, etc., before laying polyurethane sealants and waterproofing membranes. **LicaPrimer 600** can be applied by brush, by roller as well as airless spraying, effectively meeting all the application requirements of construction sites; in addition, it retains all its properties, even at temperatures of between -30 °C and +90 °C.

MAIN AREAS OF APPLICATION

LicaPrimer 600 is mainly intended for use as an adhesion promoter for polyurethane sealants and waterproofing membranes on:

- Bitumen sheaths
- Concrete
- Wood, etc.

For application on other types of substrates, please contact our engineering department.

CHARACTERISTICS

- Easy to prepare: **LicaPrimer 600** is a single-component, ready to use product.
- Quick dry: IT can be painted over with any polyurethane product after merely a maximum of 60 minutes.
- Universal: Specifically formulated to ensure adhesion of various types of polyurethane products, also with different hardening times.
- Superior performance, even in extreme weather: **LicaPrimer 600** retains all its properties, even at temperatures of between -30 °C and +90 °C.

APPLICATION METHOD

Preparing the substrate

Mechanically remove all flaking parts or easy to peel off. Clean the application area thoroughly, so that it is dry and free of dust. The maximum humidity rate of the substrate must be < 5%. When used as an adhesion promoter on concrete substrates, make sure the compression resistance is at least 25 Mpa, the tensile strength at least 1.5 Mpa and, when just made, that it has been seasoned at least 28 days. Holes or macro cracks must be filled with **Repair 250 N/R** or **450** or with **Epoxy 220**. Free water stagnating on the substrate or originating from previous washing operations or from weather phenomena must be removed or dried with appropriate equipment. When used as an adhesion promoter on existing bitumen sheaths, clean the membrane to remove any material on it that could compromise adhesion of the subsequent waterproofing coating. The membrane must be perfectly dry before continuing with its inspection, and in the event of any damage found, such as blistering, tearing or peeling, make the repair before applying the primer.

Preparing the product

Single-component ready to use product.



Application

Apply **LicaPrimer 600** with a brush, a roller, or airless spraying using a quantity of 150-200 g/m² and avoiding product build-up. The waterproofing membrane should be laid over within the next 3-4 hours after application. In order to allow complete evaporation of the solvent, it is vital that you wait between 30 and 60 minutes (depending on the environmental conditions). Do not apply **LicaPrimer 600** in extreme conditions, such as: substrates exposed to the midday sun or that are iced-over.

Make sure the temperature of the room, of the substrate, and of the product during application falls between +5 °C and +35 °C.

PRODUCT INFORMATION

Appearance	Transparent liquid
Pot life 20 °C and 70% R.H. EN ISO 9514	Reinforcement for liquid and non-liquid waterproofing products 90 min
Theoretical consumption	± 150-200 g/m ²
Paint over time 20 °C and 50 % R.H.	Minimum 1 hour Maximum 18 hours
Storage	8 months in a dry, protected place in sealed packs, at 20 °C, 50% R.H.
Packaging	20 kg metal drum

PERFORMANCE

Characteristic	Test Method	Performance
Density	EN ISO 2811-1	1.07 ± 0.05 kg/l
Viscosity at 20 °C	EN ISO 2555	500 ± 100 mPa*s
Non-volatile substances	EN ISO 3251	62%

WARNINGS

- Professional-grade product.
- Chemical material: use personal protection devices as envisaged by the applicable regulations in force, protect both eyes and skin during application.
- After use, clean tools while the product is still fresh.
- The product can be stored for 8 months, when stored correctly in its original pack, kept in a protected dry place at a temperature of between +5 °C and + 35 °C.
- Monitor the product curing suitably for at least the first 24 hours after laying, protect against direct sunlight, strong wind and heavy rain.

SAFETY

As regards the information concerning proper product disposal, storage and handling, please consult the relevant Safety Data Sheet.

NOTES

This technical data sheet replaces and cancels all previous versions.

The indications and performance levels provided in this document are based on our current technical-scientific knowledge and in any case should be considered as purely indicative since the conditions of use are in no way under our control. The purchaser must therefore check the suitability of the product for his or her specific needs, assuming all responsibility deriving from its use. Our technical-sales network guarantees a speedy response and is at your disposal for any clarifications or queries regarding the use and processing of **licata SpA** products.

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