

LicaPrimer 300 Cristal

Transparent single-component adhesion promoter, based on aliphatic polyurethane resins, specifically for glazed surfaces, glass, substrates with little or no absorbent properties

LicaPrimer 300 Cristal is a single-component, solvent-based aliphatic polyurethane, transparent adhesion promoter (primer), ideal for priming substrates with little or no absorbent properties, such as porcelain stoneware tiles, glass, enamelled surfaces, etc. It is easy to work and has a chemical action on the supports making them suitable for the subsequent laying of the waterproofing, polyurethane coating **Licalastic 300 Cristal**. Its special formulation, based on latest-generation resins, makes **LicaPrimer 300 Cristal** stable to ultraviolet rays, so that it preserves its properties even in temperatures between -30 °C and +90 °C.



MAIN FIELDS OF USE

LicaPrimer 300 Cristal is mainly used as an adhesion promoter for **Licalastic 300 Cristal** on:

- Any type of ceramic tiles (double-fired, single-fired, porcelain stoneware, clinker, etc.)
- Marble and natural stone
- Enamelled surfaces
- Glass mosaics
- Glass
- Clear plastic materials
- Substrates with little or no absorbent properties

To apply on different substrates, please contact our technical department.

CHARACTERISTICS

- Easy to apply: **LicaPrimer 300 Cristal** is a single-component, ready-to-use primer.
- UV resistant; it does not yellow
- High binding power: ideal for priming substrates with little or no absorbent properties, such as ceramic tiles in porcelain stoneware, glass and enamelled surfaces.
- Working temperature from -30 °C to +90 °C in air: **LicaPrimer 300 Cristal** also preserves all its properties in temperatures between -30 °C and +90 °C.

APPLICATION METHOD

Preparation of the substrate

Mechanically remove any flaking or easily detached parts. Thoroughly clean the application area so that it is free of dust and residue from surface treatments, such as detergents, oily substances, mineral or organic oil, wax, traces of gypsum or salt. The substrate must have a pull-out resistance of at least 1.5 MPa. Running and stagnant water from below ground, previous washes or wet weather must be removed or dried using appropriate means. The maximum level of humidity in the substrate must not be > 5%. If the concrete is newly laid, it must be cured for at least 28 days.

Cracks and expansion joints, which have been duly cleaned and/or primed with **LicaPrimer 600** or **LicaPrimer 440**, must be treated with the polyurethane grout, **LicaFlex 100**. Make sure that there is no efflorescence rising in the joints of ceramic tiled floors. Do not wash the surfaces with water.

Preparation of the product

Ready-to-use product.



Application

Apply **LicaPrimer 300 Cristal** over the entire surface with a clean cloth soaked in it (change the cloth frequently). This type of treatment will make the support both chemically active and clean, eliminating dust, oily substances, mineral oils, etc. After approx. 1-2 hours (depending on weather conditions), apply the polyurethane waterproofing coating, **Licalastic 300 Cristal**. Do not apply the primer in extreme conditions, such as substrates exposed to full sun or freezing temperatures.

Make sure that the ambient temperature, that of the substrate and product during application, is between +5 °C and +35 °C and R.H. is between 50%-70%.

PRODUCT INFORMATION

Appearance	Fluid liquid Transparent
Composition	Solvent-based polyurethane resin
Application temperature	+ 5 °C + 35 °C
Theoretical consumption	0.03 – 0.08 kg/m ²
Subsequent coats 20°C and 50% R.H.	1 - 2 hours
Storage	9 months in dry, protected place in unopened containers, at 20°C, 50% R.H.
Packaging	1 kg metal canister

WARNINGS

- Product for professional use.
- Inflammable product.
- Protect the material against humidity, frost and direct sunlight.
- Chemical material: use PPE indicated by current legislation; protect eyes and skin during application.
- After use, clean tools while the product is still fresh.
- The product keeps for 9 months if stored correctly in the original containers, placed in a protected and dry place at a temperature between +5 °C and +35 °C.
- Monitor the product's curing period for at least 24 hours after applying, protect from direct sunlight, strong wind and heavy rain.

SAFETY

Please consult the safety data sheet for information about product disposal, storage and usage.

NOTES

This data sheet replaces and voids all previous versions.

The indications and specifications given in this document are based on our current technical and scientific knowledge. They should, however, be considered as purely indicative because we have no control over the conditions in which the product will be used. The purchaser must, therefore, check that the product is suitable for his specific requirements. Our sales and technical network guarantees rapid consultancy services and is at your disposal for any clarifications and questions you may have about the use and application of **Licata SpA** products.

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