

## Siloxan Primer

**Transparent fixing primer with siloxane binders, for interior and exterior use, with high breathable power and high consolidating power. Excellent as adhesion bridge for decorations on breathable or dehumidifying cycles.**

Transparent primer based on siloxane copolymers in aqueous dispersion. IT IS ideal as a fixative before each decoration cycle with coatings or micro coating of siloxane nature for external use. Its formulation is specially designed to obtain a high penetrating power and an excellent breathable power. **Siloxan Primer** is ideal both for the regularization of the absorptions of new bases and when it is necessary to create an adequate adhesion bridge on smooth surfaces. Thanks to the careful selection of raw materials, it may be used as a primer on dehumidification systems, helping to prevent the formation of Salts resulting from rising dampness. The high smoothing power of **Siloxan Primer** ensures a homogeneous absorption of the next decorative layer by exalting the yield and the superficial effect of the finishing.



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### MAIN FIELDS OF USE

**Siloxan Primer** is indicated for the preparation of indoor/outdoor, new or existing bases, on residential, industrial or commercial buildings. It is advisable to use the product on cured bases, i.e. after a curing time of at least four weeks. It can be applied on bases such as:

- Lime base civil finishing
- Cement base civil finishing
- Civil finishing for dehumidifying cycles
- Gypsum (after application of a primer in case of smoothing with very low absorption)
- Surfaces already painted, after carefully checking and cleaning the base
- Concrete

For applications on different substrates, please contact our technical department.

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### CHARACTERISTICS

- Universal: **Siloxan Primer**: can be applied onto most bases commonly used in the construction industry.
- Excellent breathable power: the siloxane binders present in **Siloxan Primer** maintain excellent vapour permeability properties allowing use in breathable systems.
- Anti-salt action: the specific resins used in **Siloxan Primer** confer to the fixative an anti-salt action making it ideal for cycles of dehumidification from raising dampness.
- Low VOC content: extremely low release, compliant with European laws on volatile organic components
- Excellent penetrating power: Ideal also on new surfaces as it limits the absorption of the subsequent layers of painting by maximizing the yields and improving the aesthetic finish.

## APPLICATION METHOD

### Preparation of substrate

Mechanically remove any flaking areas or parts which are starting to detach. For small areas, use suitable products for repair and to restore smoothness. Clean the surfaces to remove any traces of dust or detergents, oily substances, mineral greases, etc.

### Preparation of the product

**Siloxan Primer** is ready to use and requires no dilution.

Mix the primer for 1-2 minutes using a drill mixer with a low number of revolutions and in any case up to obtain a perfectly homogeneous mixture.

### Application

**Siloxan Primer** must be applied manually (brush or roller) in one coat taking care to cover 100% of the areas to be decorated.

Adverse weather conditions (areas subjected to strong air currents, high temperatures, etc.) can alter the primer curing time, therefore, you must constantly check that a surface film does not form which would affect the bonding properties of the primer. **Siloxan Primer**, in ideal conditions, cures sufficiently for successive applications after 1-2 hours (at +20 °C and R.H. 70%).

Do not apply **Siloxan Primer** on substrates that have a film of water on the surface, are wet or exposed to extreme conditions, such as walls exposed to strong sunlight or frost.

Make sure that the ambient temperature and that of the substrate during application is between +5 °C and +35 °C.

## PRODUCT INFORMATION

Appearance	Liquid - Colourless
Yield	0.300 – 0.350 L/m <sup>2</sup>
Dilution	Ready to use
Drying time	1-2 hours at +20 °C to touch approx. 24 hours at +20 °C fully dry
Application temperature	between +5 °C and +35 °C and 70% R.H.
Storage	12 months if stored in the original, unopened container
Packaging	5 L - 10L polypropylene bucket
Binding agent	Siloxane copolymer
VOC (Directive 2004/42/EC) for primers (Cat A/c):	< 30g/L of VOC



## WARNINGS

- IT IS not suitable for application on frozen or thawing substrates. Store the primer containers in places away from direct sunlight and with temperatures not below +5 °C for avoid compromising the quality of the material.
- If the surfaces are crumbling, flaking or the paintwork is old, clean the substrate thoroughly.
- In the event of difficult substrates, perform a suitability test beforehand.
- The effective temperature and degree of humidity may speed up or slow down the drying process.
- It is not possible to guarantee drying with colour differences (stains) due to:
  - the conditions of the substrate (such as structure, absorption aspect, etc.)
  - the use of natural raw materials.
- After using the product, wash the tools with water.

## 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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