

Isolante LG

Pigmentable primer made with acrylic copolymers and inert silica materials, specifically for exteriors, with high coverage and excellent levelling properties.

Universal pigmentable primer made with acrylic copolymers and inert silica materials. IT is ideal as a fixer before all decoration work with micro-coatings or synthetic binder based paste coatings. Specifically designed for exteriors and suitable for interiors, its formula is purpose-devised to achieve high levels of concealment for both flaws in the substrate, as well as when painting over medium/strong colours.

Its high levelling power ensures even absorption of the subsequent decorative layer, enhancing the yield and the surface effect of the micro-coating.



MAIN AREAS OF APPLICATION

Isolante LG is recommended for preparing internal/external substrates, whether new or existing, on residential, industrial or commercial buildings. IT is advisable to use the product on seasoned substrates, in other words after a curing time of at least four weeks. IT is applicable to substrates such as:

- Smooth concrete
- Absorbent walls/substrates
- Existing rendered façades
- Prefabricated concrete panels
- Old paint and coatings of an organic or mineral nature
- Plasterboard sheets

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

CHARACTERISTICS

- **Pigmentable:** it can be applied white or coloured, pigmented with the same shade as the subsequent topcoat, so as to combine the effect of the bonding bridge and attenuate any strong shades when painting over existing surfaces.
- **Universal:** **Isolante LG** can be applied to the majority of substrates commonly used in construction.
- **Low VOC content:** extremely low emissions, in compliance with European standards concerning volatile organic compounds.
- **Excellent levelling power:** also ideal on new surfaces since it limits the absorption of subsequent coats of paint, maximising yield and improving the styling finish.



APPLICATION METHOD

Preparing the substrate

Mechanically remove all flaking parts or in the process of peeling. If removing small areas, proceed with reconstruction using suitable products designed to restore proper flatness. Clean the surfaces to remove all trace of dust or any detergents, oily substances, mineral greases, etc.

Preparing the product

Isolante LG is ready for use but it can be diluted in water up to a maximum of 10%.

It is nevertheless advisable to mix the primer for 2-3 minutes using a paint mixer drill on low speed and in any case until a uniform paste is obtained.

Application

Isolante LG should be applied by hand (using a brush or roller) in a single coat, making sure you cover 100% of the surfaces being decorated.

Unfavourable weather conditions (areas exposed to strong draughts, high temperatures, etc.) may alter the primer curing process, so it is necessary to check constantly that it does not form a surface film which would alter the bonding characteristics of the primer. **Isolante LG**, in ideal conditions, reaches a degree of curing suitable for subsequent processing after 1-2 hours (at +20 °C and R.H. 70%).

Do not apply **Isolante LG** on substrates if there is a film of water on the surface, if they are wet or in extreme conditions, such as: walls exposed to the midday sun or frozen over.

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

PRODUCT INFORMATION

Appearance	Liquid - White
Yield	0.200 – 0.250 kg/m ²
Dilution	Ready to use/maximum 10% water
Drying time	approx. 1-2 hours at +20 °C to touch approx. 24 hours at +20 °C completely
Application temperature	between +5 °C and +35 °C and 70% R.H.
Storage	18 months, if kept in the original sealed bucket
Packaging	5 kg - 20 kg polypropylene bucket
Binder	Acrylic
Specific weight	1,30 kg/L
VOC (Directive 2004/42/EC) for primer (Cat A/g):	< 30g/L VOC

WARNINGS

- WE advise against application on frozen or thawing substrates. Store the primer buckets in a place sheltered from direct exposure to sunlight and at temperatures not below +5 °C to avoid compromising the quality of the material.
- In the case of surfaces with evident chalking, peeling or old paint, it is advisable to proceed with thorough cleaning of the substrate.
- In the case of critical substrates, it is a good idea to check them for suitability beforehand.
- The actual temperature and the degree of air humidity may speed up or slow down the drying process.
- It is impossible to guarantee drying without differences in colour (spots) considering:
 - the conditions of the substrates (such as structure, absorbency, etc.)
 - the use of natural raw materials.
- Wash the tools with water after user.

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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