



Elasto Render

Elastomeric waterproofing coating, protective and filling effect.



MAIN AREAS OF USE

It is particularly suitable to:

Protect cement materials from carbonation and atmospheric agents. Repairing in cycles with reinforced skim coat on micro-damaged surfaces

Recommended applications:

Final elastic decoration on ceilings and walls even cracked or damaged.

- Lime, cement or lime/cement-based plasters
- Thermal renders
- Reinforced skim coats in the restoration of micro-cracked façades
- Precast and cast-in-place concrete
- External thermal insulation composite systems

CHARACTERISTICS

Waterproof thanks to the use of hydrophobic elastomers and water-repellent additives.

Protects the underlying surfaces from mould, algae, smog and infiltration.

The high adhesion makes it compatible with all common substrates used in construction.

Masking effect: the elastic finish connects cracks and imperfections.

Wide choice of colours, compatible with the **licatacolore2.0** folder.

METHODS OF APPLICATION

Preparation of the substrate

The substrate must be clean, flat, cohesive and free of any kind of release agent. It is always advisable to use a primer to even out absorption.

- **New substrates:** no precautions beyond those indicated
- **Deteriorated or crumbling substrates:** Remove any friable or poorly cohesive parts and restore the correct flatness. The **licatarepair** and **licatacem** lines are particularly suitable.
- **Substrates with poor flatness:** apply the filler **Uniformante LG** before application.
- **Substrates with algae or mould:** pre-treat the affected surfaces with **Sanus** biocide.

Preparation of the product

The product is ready to use but it can be diluted up to 1% with water. Before application, blend the product using a low-speed mixer.

Application

- 1_Spread the product with a stainless steel trowel
- 2_With the layer not yet dry, finish with a plastic trowel by crushing it and stippling it with circular movements until the desired aesthetic effect is obtained.

PRODUCT INFORMATION

Appearance	Paste - White
Particle size and yield	stippled 1.0 mm approx. 1.7 kg/m ² stippled 1.2 mm approx. 2.0 kg/m ² stippled 1.5 mm approx. 2.6 kg/m ² stippled 2.0 mm approx. 3.2 kg/m ²
Dilution	Ready to use, max. 1% water
Drying time	Dry to the touch about 3-4 hours Completely dry about 24 hours
Application temperature	between +5 °C and +35 °C and 70% R.H.
Storage in unopened original packaging	12 months in a dry place between +5° and +35°C
Packaging	25 kg polypropylene bucket
Specific gravity	1.85 kg/L
Brightness	Matt
VOC (Directive 2004/42/EC) for coating for external walls (Cat A/c):	< 30g/L of VOC
VOC (Directive 2004/42/EC) for coating for external walls (Cat A/c):	< 30g/L of VOC

PERFORMANCE ACCORDING TO UNI EN 15824

Essential characteristics	Technical specification	Threshold classes or values	Performance
Water-vapour permeability	UNI EN ISO 7783/2 - 2001	V1 (high) V5 (low)	V2
Water absorption	UNI EN 1062/3-2001	W1 (high) W3 (low)	W2
Adhesion	ISO 4624:2002	> 0.3 MPa	> 0.3 MPa
Durability	UNI EN 13687-3	> 0.3 MPa	> 0.3 MPa
Thermal conductivity	UNI EN 1745		λ=0.30 W/(m K)
Fire resistance	UNI EN 13501-1		Euroclass A2 S1 d0

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 the atmospheric and substrate conditions 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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