

**LicataSil**

Decorative coating in transpiring potassium silicates and mould-resistant paste, ideal for ETICS systems.

**MAIN AREAS OF USE****It is particularly suitable to:**

Decorate coat systems, especially in combination with highly transpiring panels such as rock wool, wood and cork. It is distinguished by its soft and uniform finish.

Recommended applications:

Covering and decoration of façades of all kinds (plasters, skim coats, etc.) with a waterproof finish. Resistant to mould attack and atmospheric agents and highly transpiring, it is ideal both indoor and outdoor.

Suitable substrates (indoors or outdoors):

- Dehumidifying plasters
- Thermal renders
- Lime, cement or lime/cement-based plasters
- Reinforced skim coats
- Concrete both prefabricated and cast on site

CHARACTERISTICS

The very high transpiring feature combined with water repellency makes it ideal in dehumidifying cycles.

The excellent fluidity reduces waste and improves workability.

The high adhesion strength ensures compatibility with all the most common substrates used in construction.

Conforms to UNI EN 15824 as a decorative polymer paste.

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, poorly cohesive or detaching parts and restore the correct flatness with **licata** products.
- **Substrates with poor flatness:** apply **Uniformante LG** filler primer before the application.
- **Substrates with algae or mould:** pre-treat the affected surfaces with **Sanus** biocide.

Preparation of the product

- 1_The product is ready for use but can be diluted up to 1% with water.
- 2_Before spreading, mix the product with a mixer at low speed.

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	White granular paste
Particle size and yield	stippled 1 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 mm approx. 3.2 Kg/m ² scraped 2 mm approx. 3 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
Storage in unopened original packaging	12 months in a dry place between +5° and +35°C
Packaging	25 kg polypropylene bucket
Specific gravity	1.90 kg/L
Brightness	Matt
VOC (Directive 2004/42/EC) for coating for external walls (Cat A/c):	< 30g/L of VOC

PERFORMANCE

Essential characteristics	Test method	Legal requirement	Performance
Water-vapour permeability	UNI EN ISO 7783/2 - 2001	From V1 (high) to V3 (low)	V1
Water absorption	UNI EN 1062/3-2001	From W1 (high) to W3 (low)	W2
Adhesion	ISO 4624:2002	> 0.3 MPa	> 1.5 MPa (FP:B)
Durability	UNI EN 13687-3	> 0.3 MPa	Not required (W<0.5)
Thermal conductivity	UNI EN 1745	none	λ=0.70 W/(m K)

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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