



## Artica

Stabilising mortar with an ultra-smooth finish and very high adhesion.



### MAIN AREAS OF USE

#### It is particularly suitable to:

Decorating and finishing interior or exterior surfaces, with or without adding pigments.

#### Recommended applications:

Stabilising and smoothing uneven surfaces, especially vertical, even without using a primer.

- Suitable substrates (indoors or outdoors):
- Painted and enamelled surfaces
- Wall coverings even old provided that they adhere well to the substrate
- Ceramic, porcelain or glazed tiles (after mechanical abrasion or washing with soda)
- Skim coats and plasters with any degree of finish
- Normal concrete and aerated autoclaved concrete
- Bricks and masonry in general
- Plasterboard
- Insulating panels such as EPS, XPS foamed polyurethane, cork, etc.

### CHARACTERISTICS

**Its extreme versatility** allows it to be used both as a stabiliser and as a final decoration  
**Its high smoothness**, conferred by very fine aggregates and cellulose, simplifies application  
**Its high gripping power** allows it to adhere to any surface, even without primer  
**Its chemical and mechanical strength** makes it ideal for indoor and outdoor use  
**Its controlled hygrometric shrinkage** ensures a surface free of cracks and fissures  
**Its long open time** reduces waste, facilitates recoating and simplified application  
**Its colour compatibility** allows for paste or powder pigments to be added

### HOW TO USE

#### Preparation of the substrate

The substrate must be cured, clean, flat, cohesive and free of any kind of release agent. On very absorbent or dusty surfaces, it is advisable to use a levelling primer. If necessary, prevent capillary/saline rising with **Neutral Antisale** or **licata Injecto Gel**.

- **New substrates:** no precautions other than those indicated.
- **Deteriorated or crumbling substrates:** remove all crumbling, loose or detaching parts and restore the flatness of the substrate using **licata** products.

#### Preparing the mixture

- 1\_Pour the product into a clean container containing  $\frac{3}{4}$  of the total mixing water
- 2\_Mix for about 3-4 minutes with a low-speed mixer, adding the rest of the water gradually. The product ready for application should be a thixotropic, smooth and lump-free mixture.
- 3\_Let it rest for 1-2 minutes, then stir again before use.

**Artica** must be used as it is, with the sole addition of clean water. Do not split the packages to use them partially and do not use open bags.

**NOTE** Make sure the tools are very clean before mixing because the presence of grains or coloured or black impurities, even of limited dimensions, can compromise the mirror finish, the final whiteness and cause scratches during the application.

### Applicazione

1\_Apply the product with metal or stainless steel spatula, in one, two or three layers until a smooth and mirror-like surface with a thickness  $\leq 3$ mm has been achieved.

For greater thicknesses, add a second coat over the first hardened coat (after at least 24 hours) or, alternatively, interpose an alkali-resistant glass fibre reinforcing net over the first coat while still fresh. This last operation will also produce an increase in resistance to elastic stress exerted on the material.

### PRODUCT INFORMATION

Appearance	White powder
Particle size	<0,2 mm
Powder consumption	1 Kg/m <sup>2</sup> per mm of thickness
Mixing water	34-36% of the weight of the powder
Workability time at 20 °C	~ 180 minuti
Application thickness per coat	$\leq 3$ mm
Application temperature	From +5° a +35°C
Storage in unopened original packaging	12 months in a dry place between +5° and +35°C
Packaging	20 Kg
pH of mixture	approx. 11

### REQUIRED PERFORMANCE ACCORDING TO UNI EN 998-1

Characteristic	Test method	Legal requirement	Performance
Dry density in bulk	EN1015-10		1100-1200 Kg/m <sup>3</sup>
Resistance to compression at 7 days	EN1015-11		>6 (MPa)
Resistance to compression at 28 days	EN1015-11		>6,5 (MPa)
Flexural strength at 28 days	EN1015-12		>2 (MPa)
Consistency with flow table at T'0			180 mm

### WARNINGS

- Product for professional use.
- For applications other than those indicated on the data sheet, it is best to perform a suitability check beforehand and/or contact Licata Technical Service for further information.
- Before application, always check that the colour, consistency and appearance correspond. Any claims regarding this will not be accepted once the product has been applied.
- Do not apply the product in extreme conditions, such as on frozen substrates or in the presence of fog/excessive 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 are between +5°C and +35°C during application and drying.
- Take care of the product until it is completely dry and at least for the first 48-72 hours, protecting it from rain, wind, adverse weather conditions and direct sunlight.
- The temperature and humidity levels can accelerate (if high) or slow down (if too low) the curing process, even drastically, and they can even stop it altogether.
- 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 shrinkage and unevenness for which Licata SpA shall not be held 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 of the documents required for the safe use of **licata SpA** products is available in their most recent versions on the company website [www.licataspa.it](http://www.licataspa.it). Moreover, our technical-commercial network guarantees rapid consultancy and is at your disposal for information and explanations. For further information, contact the Licata Technical Service at [servizio-tecnico@licataspa.it](mailto:servizio-tecnico@licataspa.it)

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