



# BRICORAS 100

Cement-based smoothing compound with very fine grain size and ultra-white color for smoothing cement plasters and concrete. For internal and external surfaces.



## TECHNICAL FEATURES

**BRICORAS 100** is mainly made up of lime and cement, pure micronized marble powder, organic copolymers and specific additives, mixed together according to the scrupulous research of the **HERAKEM** laboratory.

**BRICORAS 100** mixed with water creates a smoothing compound characterized by excellent spreadability and thixotropy that facilitates its application on the wall. It allows thicknesses of up to 2 mm for each coat. It is easy to sand and allows a perfectly smooth finish.

## SCOPE OF APPLICATION

**BRICORAS 100** is used to smooth interior and exterior walls and ceilings with very fine thicknesses of product and obtain finishes of the highest quality, on cement plasters or in lime or premixed mortar. Ideal for preparing the surfaces before of painting with glossy paints or the application of high-decoration products, or to create surfaces that are adequately smooth and mechanically resistant to be covered with wallpaper. For applications on plaster surfaces, pre-treatment of the surface with HERALAX AC is necessary. If necessary, we recommend contacting our Technical Office.

## PREPARATION OF THE SUPPORT

Irregularities thicker than 2 mm must be previously smoothed out with HERARAS 600. The substrate must be compact, free from dust and loose parts, free from oils, greases, varnishes, paints and glues. If seasoned plasters need to be smoothed, moisten the substrate before application, taking care to avoid the formation of layers of surface water. Gypsum, scagliola and similar based substrates, as well as particularly absorbent substrates or those tending to weak crumbling, and substrates with different degrees of absorption, must be adequately pre-treated with HERALAX AC, a high penetration primer, adhesion promoter on critical substrates.

## PREPARATION OF THE DOUGH

Mix with clean water at a ratio of approximately 45%. Slowly add the powder to the water. Mix with a drill equipped with a low-speed mixing paddle until homogenous, lump-free mortar is obtained. Leave the resulting mixture to rest for at least 5 minutes, then mix briefly.

## APPLICATION

The application is carried out with a steel spatula, performing the first pass to even out the base and eliminate any irregularities, and the second pass crossing the first layer. When the product begins to harden, remove the burrs and excess. The thickness of **BRICORAS 100** must be between 1mm and 2mm. Work very carefully, especially in the overlapping areas: in these areas, between the upper part and the lower part, it is advisable to blend the applied product. This precaution will allow obtaining a perfectly flat surface smoothing. To accentuate the "a patrio" mirror effect, go over the hardened product with a metal spatula moistened with water. In the case of application in periods characterised by high temperatures, windy and sunny days, it is advisable to spray water on the surface of the smoothing, after the start of setting and in the following days, when the mortar is completely hardened, to avoid that the rapid drying could give rise to unpleasant cracks. Once hardened, the product can be sanded to obtain a perfectly smooth surface.

## CLEANING

The tools used for installation must be cleaned with water before the product hardens; subsequently, cleaning can only take place by mechanical removal.

## SPECIFICATION ITEM

Smoothing of walls to be painted with slightly irregular surfaces, using a lime and cement-based filler and smooth finish compliant with Standard 998-1, such as **BRICORAS 100** by HERAKEM SRL, applicable for thicknesses from 0 to 2 mm for each layer. hand.

### WARNINGS

- Mix with adriil respecting the required percentage of water without adding foreign substances.
- Carry out the work at ambient temperatures not lower than +5°C and not higher than +35°C
- The finishing can be carried out using the “fresh on fresh” method or on a perfectly hardened base.
- Do not apply the finish to smooth or painted surfaces.
- Protect your work from frost.
- The hardening of the product is based on hydraulic setting, which is delayed at low temperatures, resulting in delayed hardening of the applied mortar.
- Do not apply on frozen surfaces.  
On surfaces exposed to the sun, to the action of the wind or in particularly dry climates, it is necessary to protect with special sheets and keep the entire thickness of the **BRICORAS 100** moist with light sprays of water for at least 24 hours.
- Do not apply on painted surfaces, on wooden, metal or plastic elements.
- Not suitable for receiving tiles or heavy coverings.
- On poorly consistent or highly absorbent substrates, the use of **HERALAX AC is essential**.

### TECHNICAL DATA (at +23°C and 50% RH)

I look	like avery white powder	Waiting time for application second hand	30 ÷60 minutes in operation of hydrothermal conditions
Powder density	970 kg/m3	Waiting time for painting	approximately 2 weeks
White	color	Compressive strength after 28 days	CS 1
Flammability	no	Water absorption by capillary action	W0
Reaction to fire	A1 (EUROCLASS)	Adhesion to CLS after 28 days	ÿ 0.3 N/mm2
Customs entry	382450900	Thermal conductivity	0.32 (P=50%) (W/m K)
Density of the mixture	1550 kg/m3	Permeability coefficient to water vapor	ÿ 12 µ
Dough duration	>6 hours	Consumption	1.1 kg/m2 per mm of thickness
Application temperature	from +5°C to +35°C	Shelf life	12 months in original packaging in adry place
Thickness	per hand 2 mm	25kg bag	packs

#### \*DATA COLLECTED UNDER STANDARD CONDITIONS

This technical data sheet is based on the knowledge acquired through our experience. We reserve the right to modify the data contained therein as a result of improvements and technical progress. Considering the different materials and processing techniques, which are not subject to our direct control, we cannot assume any liability for the use of these indications. We therefore recommend that you carry out sufficient tests on your own and consult our Technical Assistance service.