

TECHNICAL DATA SHEET

CALCE LUCIDA

DESCRIPTION

CALCE LUCIDA is a product composed of quicklime and a larger quantity of marble powders micronized and selected marble powders that have various types of finish depending on the different types of processing. Thanks to the particular natural ingredients used, it has a high degree of breathability and excellent resistance to alkalis.

USAGE

Can be used on walls on any porous, interior substrate, such as plasterboard, thin mortar, plaster, etc. It is very important to verify the perfect planimetry of the support. Calce Lucida is a product especially indicated for decorative finishes with a high gloss appearance.

FORMAT

CALCE LUCIDA is available in paste to use, in 2.5kg, 5kg, 10kg and 20kg containers.

COLOR

Available in neutral white with the possibility of pigmenting.

TECHNICAL DATA

- **Specific gravity:** 1,520kg/lit approx.
- **Granulometry:** 90% less than 0.1mm.
- **Physical state:** Paste
- **Consumption:** 1kg/m² finished.
- **Water vapor propagation:** 370gr/m² in 24 hours.
- **Vapor propagation resistance factor:** $\mu = 10$ ca.
- **Equivalent air layer:** $S_d = \mu \cdot s = 0.06$ m approx. (calculated with $s = 0.6 \cdot 10^{-3}$ m).
- **Water absorption coefficient:** $w = 0.2$ kg / (m² · h^{1/2}) approx. - $S_d \cdot w = 0.012$ kg / (m · h^{1/2}) approx.
- Respects Kuenzle's theory

PRODUCT PREPARATION

Mix the dough well with the help of a mixing drill, avoid adding water. If it is necessary to color the mass, use prepared iron oxides or consult the manufacturer.

PREPARATION OF THE SUPPORT AND APPLICATION CYCLE

On a properly smoothed plasterboard, plaster, or cement substrate: apply by roller the primer Primer AC.
On ceramic substrate: apply PrimerQuarz + mesh + two coats of MicroQuarz Base.

When it is dry, sand and apply Primer AC by roller.

Once dry, proceed with the application of CALCE LUCIDA.

For plaster walls proceed with a base coat.

Once these preparations have been completed, proceed with the application of the first coat of CALCE LUCIDA with a stainless-steel beveled trowel, after a variable period depending on the temperature (in normal conditions about 12 hours) proceed with the application of a second coat, being careful not to overcoat.

After a period of approximately 1 hour, proceed with a finishing and smoothing coat by pressing the trowel to obtain the desired effect.

It is recommended to use a single stainless-steel trowel for finishing. Finish with wax.

WARNINGS

- Avoid application at temperatures below +5°C and relative humidity above 75%.
- The mechanical resistance and adhesion of the fine mortar to the underlying plaster must be checked beforehand before applying Anima. If these resistances are insufficient, there is a risk of the gypsum mortar may come loose.

CONSERVATION

Protect from frost.

The material, if stored in suitable rooms, in its original packaging, lasts one year.

The reported data refer to laboratory tests; in practical construction applications, these may vary significantly modified depending on implementation conditions. The user has the task of verifying their suitability.