

# TECHNICAL DATA SHEET

## ÀNIMA (CAL BASE)

### DESCRIPTION

ÀNIMA is a highly breathable interior and exterior mineral mortar grout specifically designed to achieve a satin finish.

It is a product composed of particular marble powders, of different grain sizes, slaked lime and other special additives to facilitate anchoring on any type of support.

### USE

It can be used with any support, both indoors and outdoors. Thanks to its particular mineral composition, it has an exceptional resistance to humidity and aging, excellent breathability and at the same time maintains good water repellency.

### FORMAT

Ànima is available in paste to use, in 5kg, 10kg and 20kg packages.

### COLOR

Available in neutral white with the possibility of pigmenting.

### TECHNICAL DATA

- Specific gravity: 1,650kg/lt approx.
- Particle size: 800  $\mu$  max.
- Physical state: Paste
- Consumption: 2kg/m<sup>2</sup> approx.
- Water vapor propagation: 745gr/m<sup>2</sup> in 24 hours.
- Vapor propagation resistance factor:  $\mu$  = 150 ca.
- Equivalent air layer:  $S_d = \mu \cdot s = 0.03$  m approx. (calculated with  $s = 0.2 - 10^{-3}$  m).
- Water absorption coefficient:  $w = 0.25$  kg / (m<sup>2</sup> - h<sup>1/2</sup>) approx. -  $S_d - w = 0.0075$  kg / (m - h<sup>1/2</sup>) 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 + MicroQuarz Base. When this is dry, sand and apply Primer AC by roller.

Once dry, proceed with the application of Ànima.

It is applied with a stainless steel notched trowel, spreading it uniformly with a thickness of 1 to 2 mm. Carefully respect the flatness of the application, so there should not be any lines, joints, stains, etc.

Immediately afterwards (one worker spreads and the other smooths), it should be smoothed with a clean stainless steel trowel.

After smoothing, the decoration should be done with the chosen texture.

When the product is at the smoothing point, slide a flexible trowel over the surface, exerting more or less pressure depending on the degree of drying of the material.

### SUBSTRATE PREPARATION AND APPLICATION CYCLE

If the weather is particularly hot or the wall is of considerable size, dampen the product

applied with a mist sprayer containing water. If applied outdoors, especially in periods of high humidity

If applied outdoors, especially in periods of high humidity, protect the wall for at least three days.

Indoors, for greater protection and gloss, it can be treated with transparent waxes.

Outdoors, to reduce the "wet" effect, a silicone-based protective coating can be applied after at least 10 days.

## 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 Ànima. If these resistances are insufficient, there is a risk of the gypsum mortar may come loose with the plaster mortar.
- Facades coated with Ànima during installation and the following days of drying must be protected from the rain, otherwise, whitish patches may appear on the surface due to the reaction of the plaster with Ànima.

## 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.