

# CALCE & CLAY NATURAL STONE

## 1. CHARACTERISTICS AND FIELDS OF USE

CALCE & CLAY NATURAL STONE is a powdered wall covering based on natural clay, lime, calcarenite, formulated with sustainable raw materials with low environmental impact.

### ADVANTAGES:

- High breathability
- Naturally regulates the relative humidity of the air
- Absorbs odors and impurities from the air
- Anti-mold and natural antibacterial, thanks to the high PH induced by lime
- Antistatic, they do not attract dust
- High content of sustainable raw materials from recycling.

Thanks to these characteristics, CALCE & CLAY NATURAL STONE is used in the creation of elegant environments where special living comfort is required, with an attractive, natural and prestigious finish, which leaves great space for imagination, creativity and the charm of an original wall decor and exclusive, both in classic and modern style.

## 2.COMPOSITION

White clay, fine lime blossom, selected limestone aggregates, natural stabilizers and non-toxic additives.

## 3. APPLICATION METHOD

Fine mortar supports based on lime and/or cement, bastard mortars, mineral or synthetic paints and coatings, perfectly dry and cohesive, are suitable.

In case of crumbling supports it is essential to consolidate with DERASOL H2O diluted with water in a 1:1 ratio; on plasterboard and/or old well-cohesive paints, apply a coat of PRIMER RV.

We do not recommend using it on walls where the presence of rising or infiltrating humidity has been found.

### *Natural Stone effect*

Apply 2 layers of LIME & CLAY NATURAL STONE with a stainless steel trowel.

Mix the product with 30-40% water, if used coloured, add the dye to the dilution water and subtract the weight of the dye from the percentage of water needed to mix the product. Then apply the first layer evenly and after complete drying, proceed with the second coat with a greater thickness, working it according to the desired effect.

Gently sand the second coat with 80 grit before completely drying.

Repeat sanding when completely dry until the desired effect is achieved.

Apply a layer of VELATURA NEUTRA diluted with water in a ratio of 1:1.

**YIELD** : 2.3 – 2.6 kg./m<sup>2</sup> (2 coats)

### *Natural Stone + Mica effect*

Apply 2 layers of CALCE & CLAY NATURAL STONE with a stainless steel trowel.

Mix the product with 30-40% water, if used coloured, add the dye to the dilution water and subtract the weight of the dye from the percentage of water needed to mix the product.

Add the mica of the chosen color to the mixture (with a dose of 0.5% / 1% by weight).

Then apply the first layer evenly and after complete drying, proceed with the second coat with a greater thickness, working it according to the desired effect.

Gently sand the second coat with 80 grit before completely drying.

Repeat sanding when completely dry until the desired effect is achieved.

Apply a layer of VELATURA NEUTRA diluted with water in a ratio of 1:1.

**YIELD** : 2.3 – 2.6 kg./m<sup>2</sup> (2 coats)



*Emotion with paint ...*

**SPIVER srl**

Babbaurra district SS 122

93100 Caltanissetta (CL )

Tel. +39 0934 57 77 91 Fax +39 0934 58 87 95

[www.spiver.it](http://www.spiver.it) - [info@spiver.it](mailto:info@spiver.it)

**Technical Data Sheet: PERFECTO LISCIO SP 022. Rev.1** This data sheet cancels and replaces the previous ones



## CALCE & CLAY NATURAL STONE

### **Murano Glass effect**

Apply 2 layers of LIME & CLAY NATURAL STONE with a stainless steel trowel.

Mix the product 30% to 40% with water, if used coloured, add the dye to the dilution water and subtract the weight of the dye from the percentage of water needed to mix the product.

Add MURANO GLASS of the chosen color to the mixture (with a dose of 5% - 7% by weight).

Then apply the first layer evenly and after complete drying, proceed with the second coat with a greater thickness, working it according to the desired effect.

Gently sand the second coat with 80 grit before completely drying.

Repeat sanding when completely dry until the desired effect is achieved.

Apply a layer of VELATURA NEUTRA diluted with water in a ratio of 1:1.

Then, to obtain maximum brilliance of the crests of the MURANO GLASS, sand gently with three passes with an orbital grinder with grits 1500, 3000 and 6000.

**YIELD:** 4 – 4.5 kg/ m<sup>2</sup> (2 coats )

### **4. TECHNICAL DATA**

**APPARENT SPECIFIC WEIGHT :** 0.906 Kg./Lt. +/- 0.5%

**FILM APPEARANCE :** MATT

**PH of the mixture :** 12.5 +/- 0.5

**VISCOSITY (mix with 35% water) :** cps 17000+/- 10% rpm 20 – R7 at 25°C

**Life of the mix ( pot life):** 72 hours

**DRYING :** to the touch approximately 4 hours at a 20°C relative humidity lower than 60%, in depth approximately 48 hours at a 20°C relative humidity lower than 60%

**TEMPERATURE OF APPLICATION** between 5°C and 30°C

**PERMEABILITY TO WATER VAPOR :** sd = 0,15 m(UNI 8202/43).

**COLORS :** can be obtained using the Global Tinting System

**PACKAGING:** 15 kg PP containers

**APPLICATION :** stainless steel trowel

**MIXING WATER :** 30-40% with water

**STORAGE :** 24 months in intact packaging protected from temperature changes.

**HS-CODE :** 32091000

NB The above data may be subject to change. La Spiver S.r.L. assumes no responsibility for negative results that depend on applications performed outside of its control or that depend on factors unrelated to the quality of the product.



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