



Technical Data Sheet n° C

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CALCETERRA base CT1 Texture COTTON

Natural lime powder with fine grain

Product characteristics and uses

Water-based, eco-friendly and supplied in powder form to which you add water, CALCETERRA Base CT 1 has a fine texture and a very light shading. It is the ideal solution for walls, ceilings, bathrooms and kitchens, both in residential and commercial environments (public places, restaurants, nurseries, schools, hospitals, offices, shops, show-rooms etc) CALCETERRA can be coloured and shaded with 20 NATURAL SANDS enabling the customization of finishes.

CALCETERRA Base CT 1 can be applied by trowel or brush after the application of primer EKOBASE. This lime powder when painted will achieve a similar effect to a light grain plaster. It has a homogeneous effect with excellent coverage. The product should be applied by random and circular movements.

Surface preparation

The surface should be compact, solid, dry and free from powder or loose materials. Areas not completely solid should be mechanically removed or consolidated by specific basecoat. The primer EKOBASE is essential to achieve good adhesion between the surface and CALCETERRA.

Product preparation

Addition of Colour (NATURAL SANDS)

Add the correct quantity of NATURAL SAND of your chosen colour (e.g. 300g of NATURAL SAND to 15kg of CALCETERRA) into one tub of CALCETERRA and carefully mix the two powders by hand until a homogeneous mixture is obtained.

Mixing with water

Pour the correct quantity of water into a clean container following the instructions below:

- **Application by TROWEL:** about 40% (e.g. 4 litres of water to 10kg of CALCETERRA)
- **Application by BRUSH:** about 60-70% (e.g. 6-7 litres of water to 10kg of CALCETERRA)

Gradually add the mixture of CALCETERRA and NATURAL SAND into the water, mixing with a mechanical stirrer until a smooth mixture is achieved. Let the mixture stand for 10-15 minutes before application.

The mixture can last around 30 days. If the mixture thickens, mix it once more with a mechanical stirrer and, if needed, add a maximum of 5% of water.

Application Method

Application by TROWEL

When the primer is complete dry, apply CALCETERRA Base CT1, thoroughly coloured and mixed, as a single coat with a trowel. It is advisable to use a stainless steel trowel with 3mm teeth. When the product becomes matt you can smooth the surface with a clean trowel and then proceed with a second smoothing before drying. Alternatively you can sand it lightly (with 320 grade sandpaper) when it has completely dried.

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If you wish to further increase the strength of the surface, you can apply the one component natural topcoat CASEINA or the siloxane INVISIBLE. The transparent sealant, OPAKO, will also further increase performance.

Application by BRUSH

When the primer is completely dry, apply CALCETERRA Base CT1, thoroughly coloured and mixed, as two coats by brush. If you wish to further increase the strength of the surface, you can apply the one component natural topcoat CASEINA or the siloxane INVISIBLE. The transparent sealant, OPAKO, will also further increase performance.

To colour CALCETERRA

The colours of CALCETERRA are obtained by adding NATURAL SANDS, available in 20 different shades, to your chosen base. NATURAL SANDS can be used singularly or mixed accordingly to the desired colour. To achieve the 60 colours of the collection, please read the code correctly.

Code Example: CT 1 43

CT 1 = Base CT 1 texture COTTON

43 = NATURAL SAND n.43

NATURAL SANDS are available as pre-weighed packages according to the size of the CALCETERRA tub:

CALCETERRA 1 kg → NATURAL SAND 20 g

CALCETERRA 5 kg → NATURAL SAND 100 g

CALCETERRA 15 kg → NATURAL SAND 300 g

NATURAL SANDS are also available in 2kg tubs. In this case an electronic scale should be used to correctly weigh the desired quantity of NATURAL SAND to be added to each single tub of CALCETERRA.

The code can consist of two numbers groups, same or different (e.g. CT 1 43.43), in which case the desired quantity of NATURAL SANDS would double.

Technical Features

TECHNICAL DATA	UNIT of MEASUREMENT	VALUE
Specific weight (powder)	kg/L	1.00 ± 0.05
Specific weight (mixture)	kg/L	1.50 ± 0.05
Dilution	-	Approx 40% with water
Approximate covering	kg/sqm	Approx 0.5-0.6 kg/sqm

Reaction Time (e.g. temperature 20°C and 50% relative humidity)

- *Touch dry time:* about 8-12 hours (according to thickness)
- *Recoating time:* about 12 hours (according to thickness)
- *Complete dry:* about 24 hours (according to thickness)

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Packaging

- 1 Kg
- 5 Kg
- 15 Kg

CERTIFICATIONS:



For further information contact the technical office Gruppo GANI at the number +39.031.905163.

The information contained in this technical card are based on the common experience in the sector, without specific implicit or explicit guarantee.

The application and the use of our products take place outside our control possibilities and so those fall down under the exclusive responsibility of the user.

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