



## Technical Data Sheet n° C 501.20A

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Ver. 1.3/1020

# CALCETERRA base CT1 Texture COTTON

Natural lime powder with thin grain

## Product's Characteristics & Possible Uses

With a water-based and eco-friendly cycle completely based over thin powders and water, CALCETERRA base CT 1 is the ideal solution for walls and ceilings, also bathrooms and kitchens with due precautions both in residential and commercial environments (public places, restaurants, kindergartens, schools, hospitals, offices, boutiques, show-rooms, ...) with a thin texture and particular very light chiaroscuro; CALCETERRA can be coloured by TERRE NATURALI (available on 20 different tones) to achieve a wide range of colours and shades assuring the complete customization of the surfaces.

## Support's Preparation

The support has to be compact, solid, dry and without powders or detaching materials; not completely solid areas have to be mechanically removed or consolidated by specific basecoat; it's anyway indispensable the application of specific primer EKOBASE properly diluted with water according to the kind of support.

In case of patched or non-homogeneous substrates or with different absorptions, before applying EKOBASE, evaluate the application of a specific stain-resistant primer or acrylic fixative to regulate the absorption.

## Product's Preparation

### Coloration by TERRA NATURALE

The colours of CALCETERRA are obtained by the addition of TERRA NATURALE, available on 20 different tones, into the chosen base. TERRE NATURALI can be used singularly or mixed according to the desired colour.

To achieve the 60 colours of the collection you have to correctly read the code; below 2 examples:

#### Example 1: Code CT1 43

Calceterra	Base CT 1 texture COTONE	15 Kg
Terra Naturale	Terra d'INDIA 43	300 g

#### Example 2: Code CT1 21.54

Calceterra	Base CT 1 texture COTONE	15 Kg
Terra Naturale	Terra di SPAGNA 21	300 g
Terra Naturale	Terra d'ITALIA 54	300 g

Add into one can of CALCETERRA the right quantity of TERRA NATURALE on the chosen colour (see examples above) and carefully mix manually the 2 powders with a scoop or mechanical mixer to obtain the necessary mixing to disperse the NATURAL EARTH in the powder base.

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TERRE NATURALI are available on pre-dosed packaging according to the package of CALCETERRA:

CALCETERRA 1 kg → TERRE NATURALI 20 g

CALCETERRA 5 kg → TERRE NATURALI 100 g

CALCETERRA 15 kg → TERRE NATURALI 300 g

NB: TERRE NATURALI are available also on a 2 Kg can; in this case You'll have to use an electronic scale division 1 g to weight the right quantity of TERRA that has to be added into each single can of CALCETERRA.

### **Mixing with water**

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

- Application by TROWEL: about 40% (e.g. 4 L of water for 10 Kg of CALCETERRA)
- Application by BRUSH: about 70-80% (e.g. 7-8 L of water for 10 Kg of CALCETERRA)

Add little by little into the water the mixture of CALCETERRA and TERRA NATURALE mixing by a mechanical stirrer until the achievement of a homogeneous mixture. Let the mixture stand for 10-15 minutes before the application.

This mixture can last up to and more than 30 days in well closed containers stored in dry and proper places; if the mixture will become denser, mix it again by a mechanical stirrer and, if needed, add max 5% of water.

## **Application Method**

### **Application by TROWEL**

At primer's complete drying, apply CALCETERRA base CT1, properly coloured and mixed, on a single coat by trowel. It's advisable to use an inox steel trowel with 2-3 mm toothed side and then smooth it by straight trowel with still wet surface; when the product starts to mattify but before the complete drying, You can furtherly smooth it or, at complete drying, sand it lightly (abrasive paper about 320 grains).

At complete drying, apply the one component transparent natural topcoat CASEINA or the siloxane topcoat INVISIBLE (suitable for outdoor use); if You want to increase surface's strength and performance a transparent product named OPAKO is available.

### **Bathrooms and kitchens' protection**

For surfaces in bathrooms, kitchens and, in general, walls that may be in frequent contact with water, sometimes with detergents, soaps or detergents where complete protection against absorption is required, apply 2 coats, preferably with a sponge, of PRIMER 3PL TRASPARENTE diluted at about 20% with water at a distance of at least 2 hours from each other; at complete drying, after about 3-4 hours at least, apply 2 coats, preferably with a sponge, of the one-component topcoat OPAKO: dilute the 1st coat at about 20% with water and the 2nd at about 5%.

NB: For dilutions and application methods of the transparent topcoats, it's advisable to consult the technical data sheets of each product: CASEINA (sheet n.° C 506.20), INVISIBLE (sheet n.° C 505.20), OPAKO (sheet n.° C 504.20) and PRIMER 3PL TRASPARENTE (sheet n.° R 77.20).

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### **Application by BRUSH**

You can also apply CALCETERRA base CT1 properly coloured and mixed with TERRE NATURALI by brush, in 2 or 3 coats after applying the specific primer EKOBASE; in this way you will obtain a fine civil-like appearance with very light granulometry in relief with a homogeneous appearance with excellent coverage: it is applied with alternating and rounded movements.

At complete drying, apply the one component transparent natural topcoat CASEINA or the siloxane topcoat INVISIBLE (suitable for outdoor use); if You want to increase surface's strength and performance a transparent product named OPAKO is available.

### **Bathrooms and kitchens' protection**

For surfaces in bathrooms, kitchens and, in general, walls that may be in frequent contact with water, sometimes with detergents, soaps or detergents where complete protection against absorption is required, apply 2 coats, preferably with a sponge, of PRIMER 3PL TRASPARENTE diluted at about 20% with water at a distance of at least 2 hours from each other; at complete drying, after about 3-4 hours at least, apply 2 coats, preferably with a sponge, of the one-component topcoat OPAKO: dilute the 1st coat at about 20% with water and the 2nd at about 5%.

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## 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 (application by TROWEL)	-	About 40% with water
Rough covering (application by TROWEL)	Kg/sqm	About 0,5-0,6 Kg/sqm of CALCETERRA
Dilution (application by BRUSH)	-	About 70-80% with water
Rough covering (application by BRUSH)	Kg/sqm	About 0,2-0,3 Kg/sqm of CALCETERRA

## Reaction Time (T=20°C - H.R. 50%)

- *Touch dry time*: about 8-12 h (according to thickness)
- *Over-application time*: about 12 h (according to thickness)
- *Complete drying*: about 24 h (according to thickness)

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## Packaging CALCETERRA

- 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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