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# Antica Calce Elite

MINERAL PAINT OF THE ITALIAN TRADITION FOR EXTERIORS-INTERIORS



SERIES 930

ANTICA CALCE ELITE - V.2024-09-24

## DESCRIPTION

ANTICA CALCE ELITE is a wall finish for exteriors and interiors, based on a modified mineral binder with organic additives. Featuring high breathability and low water absorption, it gives the typical matt effect of the ancient lime decorations. The product appears smooth to the touch, matt and rich of soft shadows.

ANTICA CALCE ELITE allows to decorate any room with a wide range of colors, reproducing the style of the old lime workings of the Italian tradition, suitable for the renovation of historical and contemporary surfaces.

The product complies with the Indoor Air Comfort Gold specification of Eurofins.

## TECHNICAL SPECIFICATIONS

- Type of Binder: air-hardening lime
- organic binder: <5%
- Indoor Air Quality Classification: A+
- Indoor Air Comfort Gold certification (Eurofins IACG-442-01-07)
- Classification per UNI EN 1062-1: (paints for exterior)
- .Gloss per EN ISO 2813: class G<sub>3</sub> (<10 matt)
- .Dry film thickness per ISO 3233: class E<sub>2</sub> (50-100 µm)
- .Grain size per EN ISO 1524: class S<sub>1</sub> (<100 µm fine)
- .Water vapour transmission rate per UNI EN ISO 7783-2: class V<sub>1</sub> (Sd<0,14 m alto) Sd=0,10 m for 0,6 mm thickness
- .Liquid water permeability per UNI EN 1062-3: class W<sub>2</sub> (0.1-0.5)
- .Crack-bridging per UNI EN 1062-7A: class A<sub>0</sub> (no requirement)
- .CO<sub>2</sub> permeability per UNI EN 1062-6: class C<sub>0</sub> (no requirement)

### Other characteristics

- Specific gravity per UNI EN ISO 2811-1: 1,28± 0,05 kg/l
  - Classification of reaction to fire EN13501-1: Class A2 s1 d0
- Referred to a consumption not exceeding that indicated, and to an application

on a non-combustible surface.

- Drying time (at 25 °C and 65% R.H.): to touch in 30 min; to recoat after 4 hours.

## INSTRUCTIONS FOR USE

May be applied on:

- New and old plasters based on hydraulic binders.
- Old paints and wall coatings that are organic or mineral in nature, dry, compact, absorbent and cohesive.
- Mineral conglomerates of various kinds, as long as they are absorbent.

Surfaces should be adequately prepared by following the instructions given in the paragraph 'PREPARING THE SURFACE'.

Do not apply on freshly painted surfaces.

## PREPARING THE SURFACE

Plaster surfaces:

- Make sure that the surface is thoroughly dried and aged. Resurface or consolidate using specific products if necessary.
  - If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333.
  - Brush or wash to remove any efflorescence and any old peeling paint. Completely eliminate any raised layers of lime-based or tempera paints.
  - Use adequate sealants to seal any cracks.
  - Level any irregularities in the surface and treat holes, cracks, crevices and gaps in interior with TAMSTUCCO 9400006/9410110.
  - On the exterior surfaces, it is preferable to perform any filling or levelling using products of the same nature as the plaster, or using BETOMARC 9450150 or RASAMIX 9440160 according to the type of support.
  - Remove any dust, smog or other deposits by brushing.
  - Only on highly chalking surfaces, apply one coat of ATOMO 8840001 micronized solvent-free fixative.
  - In the presence of uneven substrates, with old organic or mineral paints, fillers, patches, uniform in advance through the application of the undercoat MARCOSIL GRIP 9310019.
  - Proceed with the application of ANTICA CALCE ELITE according to the procedures described under "Application instruction".
- \*(The thinning of the sealer and the quantity to be applied depend on the level of absorption of the surface and should be determined by performing preliminary tests on the specific surface).

## APPLICATION INSTRUCTIONS

- Since the drying and carbonation of ANTICA CALCE ELITE, like all lime products, are highly susceptible to the temperature and humidity levels, it is advisable to apply the product when temperatures are in the range +10 °C to +35 °C and the relative humidity of the air <75%.
- Avoid applying the product in direct sunlight.
- Following the application, exterior surfaces must be protected from rain and damp until the product is completely dry, which normally occurs (at 20 °C) after approx. 72 hours.
- The exposure to the atmospheric agents, rain, high humidity, lowland temperature acclimatizes them, of the surfaces with lime finishes, can generate phenomena of whitening finishes during the carbonatization process. Such phenomenon can turn out irreversible in particularly extreme conditions.
- Tools: brush, roller, spray.
- N. coats: at least 2 coats.

- Decorative chromatic effects can be created using a sponge once the topcoat has been applied.
- Thinning: first coat at 25-30% with water; subsequent coats at 15-20%.
- Tools should be cleaned immediately after use with water.
- Indicative spreading rate: 8-10 mq/l per coat on smooth surfaces featuring average absorption. It is advisable to determine the actual spreading rate by performing a preliminary test on the specific surface.

## TINTING

Colors are obtainable via the color matching system and using COLORADO series 548 colorants alkali resistant.

When using multiple batches it is recommended to remix the various products together to avoid slight differences in shading.

For outdoor tasks it is a good rule of thumb to always use material from the same batch, from corner to corner. For tasks where it is unavoidable to continue on a wall with a different batch, do not place the batches contiguously. For the transition point, use any interruptions in the continuity of the surface: moldings, corners, cables, etc.

## STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

## SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. A/a: Matt coatings for interior walls and ceilings (gloss≤25@60°) (water-base): 30 g/l (2010)

Cat. A/c: Coatings for exterior walls of mineral substrate (water-base): 40 g/l (2010)

The product contains max: 0.5 g/l VOC

Causes serious eye damage. Causes skin irritation.

The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety; let the residues dry out completely and treat them as special waste. Consult the safety sheet for additional information.

## SPECIFICATION ITEM

Mineral paint for exteriors-interiors.

Application, on previously prepared surfaces, of ANTICA CALCE ELITE series 930, wall finish based on modified mineral binder with organic additives, with high breathability and low water absorption, in at least 2 coats of a quantity determined by the absorption of the substrate.

Supply and application of the material € ..... per sqm.