



DESCRIPTION

ANTICA CALCE is a mineral masonry paint for exteriors and interiors, with a mineral binder base which enables an antiquing finish to be obtained on the surface treated, reproducing the antique mat finish of lime. In fact, once applied, the product always appears different, characterized by tones and chromatic effects which depend on the skill and characteristics of the decorator. For this reason, it proves particularly suitable for restoration work, even for buildings of historical and artistic interest.

ANTICA CALCE features a high level of permeability and its mineral nature even enables it to bond to surfaces affected by damp without flaking.

INSTRUCTIONS FOR USE

May Be Applied On:

- New and old plasters based on hydraulic binders.
- Old paints and wall coatings that are 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.

- Given its predominantly mineral nature, it is not recommended to apply ANTICA CALCE E on old synthetic paints (washable quartz emulsion paints and plastic wall coatings).

TECHNICAL SPECIFICATIONS

- Type of Binder: air-hardening lime
- **Classification per UNI EN 1062-1: (paints for exterior)**
 - .Gloss per EN ISO 2813: class G3 (<10 matt)
 - .Dry film thickness per ISO 3233: class E2 (50-100 mm)
 - .Grain size per EN ISO 1524: class S1 (<100 mm fine)
 - .Water vapour transmission rate per UNI EN ISO 7783-2: class V1 (Sd<0,14 m alto) Sd=0,10 m for 0,6 mm thickness
 - .Liquid water permeability per UNI EN 1062-3: class W0 (no requirement)
 - .Crack-bridging per UNI EN 1062-7A: class A0 (no requirement)
 - .CO2 permeability per UNI EN 1062-6: class C0 (no requirement)

Other Characteristics

- Specific gravity per UNI EN ISO 2811-1: 1,25± 0,05 kg/l
- Viscosity per UNI 8902: 14000 ± 1600 cps at 25 °C

(Brookfield viscometer)

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

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 IDROFIS 4700006 water-based fixative or ATOMO 8840001 micronized solvent-free fixative.
- Proceed with the application of ANTICA CALCE 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, 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, spry.
- 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 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 Marcromie 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
Stability in the original closed containers stored at suitable temperatures: 2 years.

SAFETY RULES

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

Cat. A : Matt coatings for interior walls and ceilings (gloss <25@60°) (water-base) : 75 g/l (2007) / 30 g/l (2010)

Cat. C : Coatings for exterior walls of mineral substrate (water-base) : 75 g/l (2007) / 40 g/l (2010)

ANTICA CALCE Contains max: 30 g/l VOC

R36/38 Irritant for eyes and skin

R41 risk of serious damage to eyes.

S2 Keep out of the reach of children

S39 Protect eyes/face.

- S26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

Applications, on previously prepared surfaces, of ANTICA CALCE mineral masonry paint series 398, with air-hardening lime base, with the application of at least 2 coats of a quantity determined by the level of absorption of the surface.

Supply and application of the material.....per m2.

COLORIFICIO SAN MARCO guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets. For further technical information call the technical service +39 041 4569322.