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Antica Calce

MINERAL PAINT FOR EXTERIORS-INTERIORS



SERIES 398

ANTICA CALCE - V.2024-09-23

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.

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

TECHNICAL SPECIFICATIONS

- Type of Binder: air-hardening lime
- 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 G₃ (<10 matt)
- .Dry film thickness per ISO 3233: class E₂ (50-100 µm)
- .Grain size per EN ISO 1524: class S₁ (<100 µm 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
- 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 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 on old synthetic paints (washable quartz emulsion paints and plastic wall coatings).

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.
 - 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, 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 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

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.