

# FENICE

MINERAL WALL COATING FOR INDOOR USE

Series 962

## DESCRIPTION

FENICE is the rebirth of the classic, revisited in a modern version. Its versatility and ease of working allow both classic and trendy effects to be obtained, also in strong colors. Offers high breathability, a characteristic of the natural mineral products.

## INSTRUCTIONS FOR USE

May be applied on:

- New and old plasters based on hydraulic binders.
- Gypsumboard surfaces.
- Old paints and wall coatings that are mineral or synthetic 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.

## TECHNICAL SPECIFICATIONS

- Type of binder: air-hardening lime
- Indoor Air Quality Classification: A+
- Solvent: water
- Specific gravity per UNI EN ISO 2811-1:  $1.60 \pm 0.05$  kg/l
- Viscosity per UNI 8902: paste
- Water vapor permeability per UNI EN ISO 7783-2: high,  $V=350$  g/mq in 24 h,  $S_d=0,10$  thickness of 0,6 mm.
- 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 times (at 25 C and 65% R.H.): touch dry in 3 hours; coatability after 6 hours (depending on the thickness applied).

## PREPARING THE SURFACE

Plaster and gypsumboard 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.
- Level any irregularities in the surface and treat holes, cracks, crevices and gaps with TAMSTUCCO 9400006/9410110. Use adequate sealants to seal any cracks.
- Remove any dust, smog or other deposits by brushing.
- Smooth if necessary with RASAMIX 9440160 or with BETOMARC 9450150 or RASOMARC 9500150 according to the type of support.
- Bond with a coat of IDROFIS 4700006 acrylic water-based wall fixative or ATOMO 8840001 micronized solvent-free fixative. Generally, on highly chalking surfaces,

in the presence of thin layers of old tempera or deteriorated paints, apply one coat of ISOMARC 4410111 solvent-based fixative or ATOMO 8840001 micronized solvent-free fixative.

- Proceed with the application of FENICE according to the procedures described under "Application instruction".
- On compact surfaces with low absorption is suggest to apply an intermediate coating of MARCOTHERM PRIMER Cod. 4740019 apt to give a possibility to do better the first coat FENICE.

## APPLICATION INSTRUCTIONS

- Since the drying and carbonation of FENICE, 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  $<75\%$ .

- If the surface does not require the fixative, it is nonetheless recommended to dampen it to prevent the wall from drawing an excessive amount of water from the binder.

- Tools: stainless steel trowel.

- N. coats: at least 2 coats of product must be applied to prepare the undercoat.

- Thinning: ready to be used.

- Being mineral based product, FENICE can increase the viscosity during the storage; to get the original appearance is enough to stir it with a mechanical instrument, eventually adding 1% max of water.

Application procedure:

- Fill and level in order to provide an even surface;

- After at least 6 hours, apply an additional coat of product to obtain a suitable thickness;

- After at least 12 hours, rub down in order to eliminate any unevenness, subsequently remove any dust and apply small amounts of material, compacting it and polishing it (using the stainless steel trowel) before it dries completely.

Tools should be cleaned immediately after use with water.

- Indicative spreading rate:  $0.8-1$  kg/m<sup>2</sup> based on 2 coats 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

The product may be tinted by means of the Color Matching System.

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

## 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

# FENICE

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

Cat. A/I: decorative effect coatings (water-base): 200 g/l (2010)

The product contains max: 1 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 wall coating.

Applications, on pre-primed surfaces, of decorative mineral Series 962 FENICE wall coating, based on air-hardening lime, in at least 2 coats.

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

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