

# Era a Pennello

Lime based paints for interiors and exteriors

## GENERAL FEATURES

**Era a Pennello** is a lime-based paint, made of hydrated putty, selected inert and rheological modifiers, which guarantee a perfect workability of the product.

With its formulation, **Era a Pennello** permits to achieve soft and vibrant shades.

The low thickness of the applied product permits to see "materially" the substrate.

## USES

**Era a Pennello** is indicated for the decoration of external façades of rural and historical centres, in the respect of the tradition of these environments. **Era a Pennello** is indicated also for the decoration of interiors.

Natural lime plasters represent **Era a Pennello**'s most suitable substrates, since the product reacts chemically with them, building up a unique "body" able to preserve the lime coating for a longer period of time.

**Era a Pennello** may also be applied on:

- Lime and cement mortars
- Premixed renderings
- Pre-existing lime and gypsum plasters
- Gypsum plasterboards

## IDENTIFICATION FEATURES

Binder nature: hydrated putty, water-based vinyl-versatic copolymers.

Density:

**Era a Pennello**: 1,61 +/- 0,05 g/ml

**Determination of volatile organic compounds (VOC) ISO 11890:2 (not diluted) < 5 g/l**

## PERFORMANCES

With its high steam-permeability performance, **Era a Pennello** is recommended for all the surfaces whose permeability rate has to be protected.

## DILUTION

**Era a Pennello**: dilute the first coat with 40-50% of water and the second coat with 25-30% of water.

## WARNING

Mix properly the product before tinting and applying.

Do not apply on fresh/new substrates; wait a maturation period of 4 weeks normally.

## SUBSTRATE PREPARATION AND APPLICATION

(Referred to environmental conditions T=25°C, UR=60%)

The substrate must be perfectly dry, dust-free, with no humidity and salt stains.

Resurface or consolidate the surface with specific products if necessary.

In case of mould, treat the surface with suitable specific products.

Brush or remove any efflorescence and old peeling paint.

Higher layers of old lime-based paint and tempera paint must be removed.

Brush out dust, smog or other deposits before the application.

In case of non-homogeneous or chalky surfaces, apply one layer of **Decofix** (micronized wall sealer) diluted, with a brush.

Over dry and compact substrates, apply one layer of **Acricolor** (water-based acrylic pigmented sealer) or **Novaprimer** (water-based acrylic pigmented primer) diluted, with a brush.

Over dry substrate, apply one coat of **Era a Pennello** diluted with roller, brush or airless.

Smooth or remove eventual exceeding amount of product.

Once the substrate is completely dry, apply a second coat of **Era a Pennello** diluted with roller, brush or airless.

Drying time: 24 hours approx. depending on the kind of substrate, absorption rate and environmental conditions.

## SUBSTRATE PROTECTION AND DECORATION

It is possible to protect and decorate interior surfaces with the application of **Cera Wax (Plus and metallic versions)**. For further details see **Cera Wax** technical data sheet.

Higher protection in exteriors can be achieved with **Acquadivetro**. It must be applied after at least 20-30 days from the application of **Era a Pennello**, in stable weather conditions (T=25°C, UR=60%), in order to let the substrate's PH decrease under 12.

It is important to determine the dilution rate of the product through previous application-test on site.

The application of **Acquadivetro** change the surface's polish rate, making it opaque.

## RECOMMENDATIONS

During the entire application process, the product must be protected from cold and high heat changes.

Do not apply with air, substrate and product temperature lower than +5°C and higher than +35°C, nor under direct sun light, nor on superheated surfaces (even if already in shadow).

Environmental humidity must be <75%; substrate humidity must be <10%.

It is advisable to complete each work with materials from the same batch of production. When using multiple batches, it is recommended to remix the various products together to avoid slight differences in shading.

The application of **Era a Pennello** on exterior walls requires the choice of light colour shades and the use of colorants resistant to lime and outdoors.

For the correct use, dilution and application of the products here mentioned, consult their respective technical data sheets.

During the preparation of the substrate and application of the products, it is recommended the correct use of tools and individual protective devices (dpi).

## TOOLS CLEANING

With water, immediately after use.

## YIELD

**Era a Pennello**: 2-4 m<sup>2</sup>/Kg, in two coats, depending on the type of effects realized, the type of substrate and its absorption rate.

## COLOUR RANGE

White, Lime Paint and **Mineral Finishes** colour card

Technical data sheet: Era a Pennello

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#### PACKAGING

1 kg, 5 kg and 20 kg cans.

#### SHELF LIFE

The packaged product is guaranteed for 24 months, if stored in the original sealed package and at temperatures between +5°C and +35°C.

As a lime-based product, there might be an increase of viscosity during stocking.

#### SECURITY PROCEDURES

EU Directive 2004/42/CE:

**Era a Pennello** (coatings for exterior walls of mineral substrate)

EU Limit value for **Era a Pennello** (cat A/c): 40 g/l (2010)

**Era a Pennello** contains a maximum of 30 g/l COV.

Irritating. / Risk of serious damage to eyes. / Irritating to the skin.

/ Keep out of children. / Avoid contact with eyes. / In case of

contact with eyes, clean immediately with water and consult a doctor. / Wear suitable gloves and eyes / face protection. / In

case of ingestion of the products, consult immediately a doctor showing him the can or the label of the product

The product must be transported, used and stored according to current standards of hygiene and safety; after the use, do not litter, let the remaining product dry properly and then treat it as special litters.

For further information consult the safety data sheet.

N.B. - NOVACOLOR 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.