

# ISO LIME

## Natural lime based anti-mold paint

### DESCRIPTION

Iso Lime Isocolor® is an eco-compatible, anti-mold wall paint based on slaked lime finely filtered and seasoned for at least 8 months and inert natural charges.

It is suitable for decorating interior and exterior wall surfaces.

### FIELDS OF APPLICAZIONE

Iso Lime Isocolor® is particularly used in the recovery of historic buildings and is applicable on:

- Civil plaster;
- drywall;
- plaster;
- concrete;
- temperas, breathable and washable paints;
- lime finishes.

### PROPRIETIES AND ADVANTAGES

Iso Lime Isocolor®:

- gives a velvety opaque appearance;
- it is easy to apply;
- it presents a natural resistance to mold and bacteria;
- it keeps the breathability of the support unaltered by virtue of its high water vapor permeability;
- it is stable over time;
- it can be colored.

### HOW TO USE

#### Preparation of the support.

- In the presence of new but cured and dry surfaces (concrete, plaster, civil plaster and drywall) apply a coat of Isofix Quarzo Isocolor®.
- With dry surfaces that are chalky, incoherent or treated with waxes or soaps, sand and clean the surface well, removing the dust with a damp cloth and applying a coat of Isolprimer or Iso Plioprimer, then Isofix Quarzo Isocolor®.

Isofix Quartz Isocolor® is a fine-grained, water-based primer, ideal as a bonding primer for lime finishes. Its particular granular effect composition favors the application of an optimal quantity of product for the next coat, in order to have the right thickness for a glossy surface and a finish perfectly done.

#### Coloring.

The product is supplied white.

It is possible to dye it:

- By our tinting service;
- using the Isocolor universal dye.

Be recommend to mix Iso Lime before dying, in order to make it more fluid.

#### Application.

The application temperature must be between 10 °C and 30 °C and the relative humidity must be less than 85% even in the 24 hours following the application. Do not apply under full sun or in strong winds.

The product must be diluted with water up to a maximum of 20% by volume. Use the product from the same batch for each wall.

Mix the product well with a drill mixer to make it more fluid.

Apply at least two coats by roller or brush, apply the next coat when the previous one is completely dry (after approx. 6 hours).

Once applied, protect the surface from water for at least 48 hours.

### TECHNICAL PROPRIETIES

Final appearance	Velvety, matt
Packaging	14 Lt
Tools to use	Brush, roller
Thinning	Ready for use or thin max up to 20% by volume with water
Specific weight	1,42 ± 0,05 Kg/Lt
Theoretical yield (consumption)	0,30 ÷ 0,40 Kg/m <sup>2</sup> both coats
Coating thickness	0,20 ÷ 0,30 mm both coats
Dry	48 hours with room temperature at 20°C
Stable carbonation	180 gg
Sovrapplicazione	6 ore with room temperature at 20°C
pH dopo 30 gg	12,5 ± 0,2
Water vapor permeability (Sd)	height 0,06 m (Reference standard: UNI EN ISO 7783-2:2001)
VOC I.a.w. Dir. 2004/42/CE - Cat. A/a Limit value 2010: 30 g/Lt di V.O.C.	0,3 g/Lt

### STORAGE AND SAFETY

Iso Lime Isocolor<sup>®</sup> can be kept for at least 24 months in its original sealed packaging and kept in a cool, dry place at temperatures between 5 °C and 30 °C.

The product fears frost and temperatures above 35 °C.

Avoid contact with skin and eyes. Consult the safety data sheet before use.

#### IMPORTANT

This product is formulated to be used as in the application above. The addition of any other product compromises the final result of the surface.

All information contained in this sheet is based on the best practical and laboratory experiences. It is the customer's responsibility to verify that the product is suitable for the intended use. The manufacturer declines all responsibility for the results of incorrect applications. It is advisable to always carry out tests on small surfaces before application. Data can be changed at any time. This sheet replaces and cancels previous ones.

It is essential that also the technical and safety data sheets of the other products mentioned in this technical data sheet are consulted. Product intended for professional use.