

ISO DECOR

Natural anti-mold mineral decorative for walls

DESCRIPTION

Iso Decor Isocolor® is a white material wall covering based on CL 90-S slaked lime, finely filtered and matured for at least 8 months, and selected carbonates and marble powders.

It is suitable for decorating interior wall surfaces to create relief effects, rough or polished.

FIELDS OF EMPLOYMENT

Iso Decor Isocolor® is applicable on:

- Civil plasters;
- drywall;
- gesso;
- concrete;
- tempera, breathable and washable paints;
- lime finishes.

CHARACTERISTICS AND ADVANTAGES

Iso Decor Isocolor®:

- permits to create countless material/natural effects;
- is ready to use and easy to apply;
- has a natural resistance to the attack of mold and bacteria;
- maintains the breathability of the support unaltered, this is due to the high water vapor permeability;
- has a low content of chemical additives (dry residue lower than 1,5% on total dry residue) and is free of Volatile Organic Compounds (C.O.V.);
- is stable over time;
- is pigmentable.

HOW TO USE

Preparation of the support:

- In presence of new but mature and dry surfaces (concrete, civil plaster, gesso and drywall) apply a coat of Isofix Quarzo Isocolor®.
- In presence of old dry surfaces (civil plaster, tempera, transpirant) brush the surface by removing the dust with a damp cloth and then apply Isofix Quarzo Isocolor®.
- In presence of dry surfaces that are chalky, incoherent or treated with waxes or soaps, sand the surface thoroughly and remove the dust very well with a damp cloth and apply a coat of Iso Primer or Iso Plioprimer, and then Isofix Quarzo Isocolor®.

Isofix Quarzo Isocolor® is a fine-grained and water-based primer, ideal as a bonding primer for lime finishes. Its particular granular effect composition favors the drafting of an optimal quantity of product of the subsequent coating, in order to have the right thickness for a glossy and well finished surface.

Coloring.

The product is naturally white.

Coloring is possible:

- through our tinting service;
- by using Iso Toner Isocolor® to be dosed with the appropriate dispenser supplied as indicated in the Color Formula System. Before proceeding with coloring, it is necessary to reduce the viscosity of Iso Decor, mixing it with a mixing drill. Before applying the colored product, let it stand for at least 12 hours.

Application.

The application temperature must be between 10 and 30°C and the relative humidity must be less than 85% even within 24 hours after application.

The product is ready to use. The possible presence of water on the surface is to be considered normal and has to be removed before use. Use the same batch material for each wall.

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

The product is applied in a single coat (consumption 1200-1500 g/m²).

Apply Iso Decor Isocolor® homogeneously and work the surface, depending on the effect you want to give, creating grooves and veins as desired with Isocolor® professional tools, or by compacting the material and blading it while it is drying, to obtain a more smooth.

Protective finish.

After drying (approx. 48 hours) it is necessary to protect the surface.

Isocolor® suggests two types of protective:

- a) Iso Marsiglia Isocolor®: it is applied with a steel trowel in several successive stages, wet on wet, until completely absorbed, scraping it completely.
- b) Iso Cera Isocolor®: it is ready to use and has to be mixed carefully before use. It is applied by using a soft sponge, proceeding for about half a square meter at the time, until completely absorbed.

TECHNICAL CHARACTERISTICS

Appearance	Coarse grain
Packs	20 Kg – 8 Kg – 4 Kg – 1 Kg
Tools for the application	Steel spatula, Isocolor® professional tools
Dilution	Ready to use
Theoretical yield (consumption)	1,2 ÷ 1,5 Kg/m ²
Granulometry	650 µ
Coating thickness	1,5 mm minimum
Dry to the touch	6 hours with temperature at 20°C
Dry in depth	48 hours with temperature at 20°C
Stable carbonation	180 days
Water vapor permeability (Sd)	High 0,06m (Reference standard: UNI EN ISO 7783-2:2001)
VOC According Dir. 2004/42/CE - Cat. A/c Paints for external walls in mineral support EU Limit Value: 40 g/l (2010) of C.O.V.	0 g/l color white

STORAGE AND SAFETY

Iso Decor Isocolor[®] can be stored for at least 24 months in the original sealed containers and kept in a cool, dry place at temperatures between 5 and 30°C.

The product can not stand in frost and at 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.