

ISO BOTTICINO

Semi-matt anti-mold coating based on natural lime

DESCRIPTION

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

It is suitable for the decoration of interior wall surfaces to create smooth and semi-matt effects characterized by yellow-straw shades, typical of Botticino marble.

FIELDS OF EMPLOYMENT

Iso Botticino Isocolor® is applicable on:

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

CHARACTERISTICS AND ADVANTAGES

Iso Botticino Isocolor®:

- gives a pleasant smooth and semi-opaque appearance;
- is ready to use and easy to apply;
- has an excellent filling power;
- 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 plasters, tempera, transpirant) brush it by removing the dust well 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®.

Isocolor s.r.l. via Alcide de Gasperi 53, 31010 Maser (TV) ITALY T. +39 (0)423.565138 P.IVA: 04295200267

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 Botticino, mixing it with a mixing drill. Before applying the colored product, let it stand for at least 12 hours.

Application.

The temperature during the application 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.

- 1) First coat (about 800-1200 g/m²): it has to be applied with a spatula, taking care to smooth it very well, with an irregular pattern.

When the first coat is dry (after about 12 hours) proceed with the

- 2) Second coat (about 400-600 g/m²): it has to be applied with a spatula, pressing and smoothing the surface in order to obtain a flat surface, without any depression.

When the second coat is still wet (wet on wet) proceed with the

- 3) Third coat (about 100-200 g/m²): it has to be applied wet on wet on the second coat, so that the pressure of the spatula makes the marble granules penetrate in the previous coat. In the drying phase, perform the blading. The gloss is conferred by the pressing of the steel blade. It is important in this phase that the blade of the spatula is not damaged so as not to create unaesthetic scratches.

Protective finish.

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

Isocolor® suggests two types of protective, depending on whether the colors are light or dark:

- a) for light colors: Iso Marsiglia Isocolor® (approx. 30-60 g/m²): apply it with a steel trowel in successive stages, wet on wet, until completely absorbed, leaving a very fine layer.
- b) for dark colors: Iso Cera Isocolor® (approx. 30-50 g/m²): it is ready to use and has to be mixed carefully before use. It has to be applied using a soft sponge, proceeding for about half a square meter at the time, until completely absorbed. It is therefore necessary to immediately polish with a dry non-abrasive cloth in microfibre, non-woven fabric or cotton.

TECHNICAL CHARACTERISTICS

Packs	20 Kg - 8 Kg - 4 Kg - 1 kg
Tools for the application	Steel spatula
Dilution	Ready to use
Specific weight	1,56 ± 0,05 Kg/l
Theoretical yield (consumption)	1,3 ÷ 2,00 Kg/m ² total
Granulometry	650 µ max
Coating thickness	0,80 ÷ 1,2 mm total for the 3 coats
Dry to the touch	2 hours with temperature at 20°C
Dry in depth	48 hours with temperature at 20°C

Isocolor s.r.l. via Alcide de Gasperi 53, 31010 Maser (TV) ITALY T. +39 (0)423.565138 P.IVA: 04295200267

Stable carbonation	180 days
pH	12,5 ± 0,2
Water vapor permeability (Sd)	High 0,06m (Reference standard: UNI EN ISO 7783-2:2001)
VOC According to 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/Lt

STORAGE AND SAFETY

Iso Botticino 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.