

ISO TONACHINO

Matte and rough coating based on natural lime

DESCRIPTION

Iso Tonachino Isocolor[®] is a white spreadable wall covering based on lime putty, cured for at least 8 months, and selected marble powders and natural aggregates.

It is suitable for decorating interior and exterior wall surfaces and creates rough and opaque effects.

FIELDS OF EMPLOYMENT

Iso Tonachino Isocolor[®] is applicable on:

- civil plaster;
- plasterboard;
- gesso;
- concrete;
- tempera, breathables and washable paints in good condition;
- lime finishes.

CHARACTERISTICS AND ADVANTAGES

Iso Tonachino Isocolor[®]:

- gives a pleasant smooth and opaque appearance;
- is ready to use and easy to apply;
- has an excellent filling power;
- has a natural resistance to 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 and is free of Volatile Organic Compounds;
- Is stable over time;
- Is pigmentable;

HOW TO USE

Preparation of the support:

- In the presence of new but mature and dry surfaces (cls, civil plaster, gesso and drywall) apply a coat of Isofix Quarzo Isocolor[®].
- In the presence of old dry surfaces (civil plaster, tempera, breathables) brush it by thoroughly removing the dust with a damp cloth and then apply Isofix Quarzo Isocolor[®].
- In the presence of dry surfaces that are chalky, incoherent or treated with waxes or soaps, sand the surface thoroughly and remove the dust with a damp cloth and apply a coat of Isolprimer o Iso Plioprimer e then Isofix Quarzo Isocolor[®].

Isofix Quarzo Isocolor[®] is a fine-grained and water-based primer, ideal as a bonding primer for lime finishes.

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 Maravegia. Before proceeding with the coloring it is necessary to reduce the viscosity of Iso Tonachino, mixing it with a mixing drill. Before applying the colored product, let it rest for at least 12 hours.

Application.

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

In case of outdoor applications: avoid applications in full sun or in case of wind, because it will result in the product drying too rapidly and the appearance of cracks or fissures; protect the new surface from water for at least 90 days.

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 1300-1500 g/m²): has to be applied with a spatula, caring to smooth it very well.

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

- 2) Second coat (about 1300-1500 g/m²): 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, wipe a sponge square trowel in circular motions in order to smooth the wall surface. If necessary, the surface can be moistened by spraying water to facilitate the operation.

This will result in a matte and rough surface.

If, on the other hand, you want to obtain a less opaque surface, it will need to be laminated during the drying phase.

Protective finish

Iso Tonachino dries in about 48 hours. However, it is recommended to apply the protective finish not earlier than 10 days in the case of interior creations, or not earlier than 40 days in the case of external creations.

Isocolor[®] suggests the application of Iso Water Stop, a water-based water repellent to be applied by roller or spray. Instead, for interiors Isocolor[®] suggests Iso Wax, a natural protective wax.

In any case consult the Isocolor[®] Technical Department for the choice of the most suitable protective material.

TECHNICAL CHARACTERISTICS

Packs	24 Kg
Tools for the application	Steel spatula, sponge square trowel
Dilution	Ready to use
Specific Weight	1,65 ± 0,05 Kg/l
Theoretical yield (consumption)	2 ÷ 2,30 Kg/m ² total
Granulometry	700 µ max
Coating thickness	1,20 ÷ 1,4 mm total for the 2 coats
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
pH	12 ± 0,2
Water vapor permeability (Sd)	High 0,06m (Reference standard: UNI EN ISO 7783-2:2001)
VOC	0 g/l

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

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.	
--	--

STORAGE AND SAFETY

Iso Tonachino 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 cannot 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.