

ISO LITHOS

Stone effect decorative system

DESCRIPTION

Iso Lithos Isocolor® is a decorative system that allows you to recreate relief effects of split stone on vertical internal surfaces.

Iso Lithos comes from the perfect combination of:

- Iso Decor Isocolor®, coating based on slaked lime;
- Color kit, available in 15 different solutions;
- Isocolor® professional equipment for decorations.

FIELDS OF USE

The products that make up Iso Lithos Isocolor® are applicable on:

- Civil plaster;
- drywall;
- plaster;
- concrete;

PROPRIETIES AND ADVANTAGES

The Iso Lithos Isocolor® system:

- it allows you to create sophisticated material effects in relief by imitating the texture of real natural stone;
- it allows you to create 15 different color solutions;
- it has a natural resistance to the attack of mold and bacteria;
- it keeps the support breathability unaltered by virtue of its high water vapor permeability;
- its components have a low content of chemical additives and Volatile Organic Compounds (V.O.C.);
- its stable over time.

HOW TO USE IT

Support preparation

- In the presence of new but seasoned and dry surfaces (concrete, civil plaster, plaster and drywall) apply a coat of Isofix Quarzo Isocolor®.
- In the presence of dry old surfaces (civil plasters, tempera, breathables), brush them by removing the dust well 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, clean the surface well with a damp cloth and apply 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 laying down of an optimal quantity of product for the subsequent covering, so as to have the right thickness for a glossy surface and perfectly done. It can be applied by brush or roller.

Coloring of Iso Decor

The Iso Lithos Isocolor® color chart includes 15 different color combinations.

Once you have chosen the desired combination, simply follow the instructions on the color chart.

Iso Decor Isocolor® is supplied white: for realizations that require Iso Decor Black, Iso Toner Isocolor® must be used by dosing with the appropriate dispensers supplied according to what is reported on the Color Formula Maravegia (for black follow the indications for the color code IS-02). Before proceeding with coloring it is necessary to reduce the viscosity of Iso Décor by mixing it with a drill mixer. 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 in the 24 hours following the application.

Iso Decor is ready for use (except for the black color version). The presence of water on the surface is to be considered normal and must be removed before use. Use material from the same batch for each wall.

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

Iso Decor is applied in 2 coats (it has a total consumption of 2500-3000 g / m²).

Spread Iso Decor with a stainless steel trowel evenly and let it dry. Spread the second coat and work the surface creating grooves and veins as you like with Isocolor® scratched effect pad.

Once the surface is dry to the touch, spray clean water and proceed with grinding following the direction of the previously created grain.

Once dry, grind even in the opposite direction.

After 48 hours, apply Color 1 with the sponge provided in the kit without letting it penetrate the grooves.

After one hour, apply Color 2 with the other sponge supplied in the kit, making it penetrate the grooves. Before it dries, quickly remove the color from the rest of the surface with the cloths supplied with the kit (you can also facilitate this operation by spraying a little water). The second color will remain visible at this point only in the grooves thus making the design of the stone evident.

Protective coating

Once completely dry (approx. 48 hours) it is advisable to protect the surface with Iso Marseille Isocolor® or Iso Ver Water Matt.

TECHNICAL PROPRIETIES

Iso Decor Isocolor® has the following proprieties:

Appearance	Coarse grain
Package	20 Kg – 8 Kg
Application tools	Stainless steel spatula, professional tools Isocolor®
Thinning	Ready for use
Technical yield (consumption)	2,5 ÷ 3 Kg/m ² for the 2 coats
Particle size	650 µ
Coating thickness	1,5 mm minimum
Dry to touch	6 hours with 20°C ambient temperature
Dry in depth	48 hours with 20°C ambient temperature
Stable carbonation	180 days
Water vapor permeability (Sd)	High 0,06m (Reference norm: UNI EN ISO 7783-2:2001)
VOC In accordance with Dir. 2004/42/CE - Cat. A/c Paints for external walls of mineral support UE Limit value: 40 g/l (2010) of V.O.C.	0 g/l color white

The colors that make up the **Iso Lithos** Isocolor® Kit have the following features:

Appearance	Dense liquids
Package	2 pots of 1 Lt each of two different colors in each kit
Application tools	Microfiber sponges and cloths already present in the kit
Thinning	Ready to use
Technical yield (consumption)	Ca 9 sqm with 1 kit
Dry in depth	2 hours at room temperature at 20 ° C
VOC In accordance with Dir. 2004/42/CE	Max 1 g / l Cat. A / I, 2010 limit value: 200 g / Lt

PRODUCTS, COLORS AND PACKAGING

Iso Lithos Isocolor® consists of the following products:

- Iso Decor available in 20 kg and 8 kg pots
 - Iso Lithos Kit composed of: 1 Lt of Color 1, 1 Lt of Color 2, 2 sponges, 20 microfiber cloths 40x40 cm
- The colors of the kits are 15 and can be consulted in the color chart.

STORAGE AND SAFETY

Iso Decor Isocolor® can be kept for at least 24 months in its original sealed packaging and stored in a cool, dry place at temperatures between 5 and 30 °C. The product fears frost and temperatures above 35 °C color 1 and 2 belonging to the kit, if stored in a dry and ventilated place, at temperatures between + 5 °C and + 35 °C and kept in their original container, are guaranteed for 12 months.
 The packaging date is shown on the package (the lot number indicates, in sequence, year / week / day).
 Consult the product safety data sheet before use.

IMPORTANT

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

All the 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 the previous ones.

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

This product is intended for professional use only