

ISO LAC ACQUA

Quick drying water-based enamel

DESCRIPTION

Iso Lac Acqua Isocolor® is a mono-component acrylic colored water-based enamel, non-yellowing, suitable for interiors and exteriors that gives an excellent aesthetic effect to the treated surface.

FIELDS OF EMPLOYMENT

Iso Lac Acqua Isocolor® is applicable on:

- iron and galvanized iron;
- plastic;
- light alloys;
- wood;
- mineral and cementitious supports, gypsum, plasters in general.

CHARACTERISTICS AND ADVANTAGES

Iso Lac Acqua Isocolor®:

- is applicable both indoor and outdoor;
- is available either glossy or opaque or in the micaceous version;
- is pigmented with non-toxic and light-resistant dyes;
- is resistant to UV and atmospheric agents;
- does not turn yellow;
- is elastic and covering and therefore very easily applied;
- dries quickly;
- does not contain harmful substances such as lead or chromium;
- is based on water;
- is odorless and non-flammable and can therefore be applied in poorly ventilated areas;
- creates a smooth film that is washable with the most common detergents and disinfectants. It is therefore also very suitable for hospitals, schools, etc.;
- is an excellent substitute of the solvent-based products in applications that require rapid drying.

HOW TO USE

Preparation of the support:

- on iron: degrease, clean and treat preventively with Iso Ruggiprimer Isocolor®;
- on galvanized iron, plastic, light alloys: apply a suitable primer as appropriate;
- on wood: smooth and clean the support or treat it with water- or solvent-based primers and then apply directly several coats of product;
- on mineral or cementitious supports: they must be perfectly cured, clean and cohesive; in presence of molds treat with Isosan Sterilizzante Antimuffa Isocolor® (anti-mold sterilizing agent); old paintings must be brushed

away; grout and level any irregularities, cracks or holes and provide sanding. Then proceed with the application of Iso Lac Acqua Isocolor®;

- on substrates already coated with Iso Lac Acqua Isocolor®: degrease and clean the surface and reapply one or two coats of product.

Application.

The application temperature must be between 10 and 35°C with a relative humidity of less than 85%.

- If applied with a brush or a roller: apply the product as it is or diluted with 5-10% of water;
- If applied with an airless pump (nozzle 0,013 "- 0,33 mm and pressure about 150/180 atm) or a spray (nozzles 1,2 mm and pressure 2-3 atm max): apply the product as it is or diluted with 5-15% of water.

Apply the product in one or more coats.

Clean all tools with water as soon as possible. In case of dried product remove it with solvent.

Notes.

The drying of the product is slowed in presence of low temperatures and high humidity. These conditions can contribute to an incomplete development of brilliance.

Iso Lac Acqua Isocolor® is not recommended for contact with chemicals or aggressive industrial environments.

TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD OF ANALYSIS	VALUE
Density (specific weight)	ISO2811	1,10±0,05 Kg/l
Supply viscosity F6 at 20°C	ISO 2431	65"±5
Dry residue (percentage of non-volatile)	ISO 3251	55±5
Brilliance (gloss at 60°C)	ISO 2813	GLOSSY = 80-90 GLOSS SATIN = 20-30 GLOSS MICA = <20 GLOSS
Flash point	ISO1523	Not flammable
Drying at 20°C		
Dry to the touch		1÷2 hours
Overpainting		After 12 hours
Maximum final drying		36-48 hours
Recommended dry thickness		35÷50 µ per coat

CONSUMPTION

The theoretical yield is 10-11 sqm/l per coat at the recommended thickness.

The practical yield depends on the type of application and on the degree of absorption of the support.

COLORS AND PACKAGING

Iso Lac Acqua Isocolor[®] is available in the following versions: transparent and satin-finished; mica; in RAL colors. The available packages are:

- 0,75 Lt and 2,5 Lt for the RAL colors versions (both glossy and matt);
- 0,6 Lt and 2 Lt for the transparent version (both glossy and matt);
- 2,5 liters for the mica version.

STORAGE AND SAFETY

Iso Lac Acqua Isocolor[®] is kept for at least 24 months in the original sealed containers and in a cool and dry place. The product can not stand in frost and at temperatures above 35°C. 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 any 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 the technical and safety data sheets of the other products mentioned in this technical data sheet are also consulted. The product is intended for professional use.