

ISO LAC ACQUA MICA

Micaceous Iron Oxide water-based enamel

DESCRIPTION

Iso Lac Acqua Mica Isocolor® is a mono-component, water-based acrylic micaceous Iron Oxide enamel, suitable for interiors and exteriors. Its coarse-grained texture gives an antiqued effect to the treated surface.

FIELDS OF EMPLOYMENT

Iso Lac Acqua Mica Isocolor® can be applied on:

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

CHARACTERISTICS AND ADVANTAGES

Iso Lac Acqua Mica Isocolor®:

- is applicable both indoor and outdoor;
- is pigmented with non-toxic and light-resistant dyes;
- is available in the color variants that can be found in the **Iron color chart**;
- is resistant to UV and atmospheric agents;
- is elastic and covering and therefore very easily applied;
- dries quickly;
- does not contain harmful substances such as lead or chromium;
- is water-based;
- is odorless and non-flammable and can therefore be applied in poorly ventilated areas;
- is an excellent substitute of the solvent-based products in applications that require rapid drying.

HOW TO USE

Preparation of the support:

- on iron if necessary plaster with metallic putty Isocolor®: degrease, clean and treat in advance with Iso Ruggi Primer Acqua Isocolor®;
- on galvanized iron, aluminum and light alloys: clean and treat in advance with Iso Zinc Primer Isocolor®;
- on plastic: clean and treat with Iso Cementite Acqua or Spray Primer for plastic Isocolor®;
- on wood if necessary plaster with wood putty Isocolor®, sand and clean the support, treat it beforehand with Iso Cementite Acqua Isocolor®;

- on mineral or cement-based supports: they must be perfectly cured, cleaned and well cohesive; in the presence of mold treat with Isosan Sterilizing Anti-mould Isocolor®; old paints must be brushed away; plaster and level out any irregularities, cracks or holes with Rasastucco Isocolor® and sand them; apply a coat of Isofix Bianco or Isofix Quarzo Isocolor® to level out the surface;

- on supports already coated with Iso Lac Acqua or Iso Lac Acqua Mica 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.

Notes.

The drying of the product is slowed in presence of low temperatures and high humidity. Iso Lac Acqua Mica Isocolor® is not recommended for contact with chemicals or aggressive industrial environments.

In case of use of different batches of colored product for the completion of a job, it is recommended to mix the various productions in order to avoid slight differences in tonality

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	<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, 2 coats are recommended to obtain the correct thickness of the product.

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

COLORS AND PACKAGING

Iso Lac Acqua Mica Isocolor[®] is available in the color variants of the Iron color chart Isocolor[®].
The available packages are 0,75 Lt and 2,5 Lt.

STORAGE AND SAFETY

Iso Lac Acqua Mica Isocolor[®] is kept for at least 24 months in the original sealed containers and in a cool and dry place.
The product cannot 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.