

1852 MICACEO ACRILICO

TWO-COMPONENT ACRYLIC MICACEOUS ENAMEL



Industry



Two-component



Spray

Description and Use

Special effect bicomponent acrylic enamel, scratch and weather resistant, with strong anti-corrosive power. It can be applied directly to ferrous substrates, aluminum and galvanized plate.

Ideal for painting gates, railings and any outdoor structure.

It can be coloured using the ADVANCE HT tinting system.

Substrate preparation

NEW IRON:

- Remove any trace of calamine, clean and degrease thoroughly, then apply two coats of MICACEO ACRILICO.

OLD OR PAINTED FERROUS METALWORK:

- Take off the flaking parts of the existing paints, remove any trace of rust, clean and degrease the surface.
- On particularly deteriorated surfaces or if exposed in aggressive environments, perform a treatment with KELA RUST code 1412, then apply a coat of FONDO EPOX code 1806.

GALVANIZED STEEL:

- Degrease thoroughly the substrate.

Application

Application method:

- air mix spray gun with nozzle Ø 1.5-1.7 mm and pressure of 3-4 bar.

Product preparation:

Stir thoroughly the product to achieve even colour and consistency.

Then add the proper hardener, in the following ratio:

	By weight
PRODUCT 1852 MICACEO ACRILICO	100
HARDENER 1873 INDURITORE PER ACRILICI/PU ININGIALLENTE or 1882 INDURITORE PER ACRILICI/PU ININGIALLENTE RAPIDO	15
THINNER 1611 DILUENTE EXTRA PU or 1653 DILUENTE PER ACRILICI	10-20

Recommended thicknesses:

40-50 µm dry film, waiting 5-10 minutes between coats.

Storage life

If stored in a cool, dry place, away from sources of heat and sheltered from sunlight, in its sealed original packaging, the product has a shelf life of 12 months. Check the product's shelf life by referring to the production lot shown on the packaging. The lot number comprises of eight numeric characters in which the first four digits identify the year and month of production. Once the product has expired, it must be disposed of in accordance with current legislation.

Technical features

Color	see price list
Appearance of the dry film	matt
Type of product	two component
Pot-life	90 minutes. At higher temperatures pot-life decreases significantly.
Viscosity **	5000-7000 mPa.s Brookfield rpm 20 s 4
Practical cover rate *	4-5 m ² /kg (2 layers)
Air drying	10 minutes, dust-free
	2 hours, dry to touch
	24 hours, through drying
* The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces.	
** May change according to the colour.	
The data are measured at a temperature of 20°C and 65% R.H.	

Warnings

- Do not apply the product after the suggested pot-life; the forming film will have bad adhesion to the substrate.
- For industrial use only.
- Exclusively for use not restricted from Directive 2004/42/EC.
- Always read the safety datasheet before use.
- Dispose of contents / container in accordance with national regulations.
- It is recommended to acquire all the material required to finish the work of the same batch.
- The information provided on this technical datasheet is based on our technical and practical knowledge and experience. The technical data refer to the average characteristics of the basic product and are determined under controlled laboratory conditions. The variability of the raw materials available on the market and the tinting of the product can lead to slight deviations in the declared values, in the colour and in the aesthetic effects obtained. It is therefore necessary for the purchaser/user to personally verify, before application, the suitability of the product for the intended use, in particular when different batch numbers of the same material are used in the same work/site.

The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE at assistenza.technica@impa.it.