



GENERAL INFORMATION ON USE

Name

MICA FER

Description

Alkyd resin paint with lamellar structured pigments for a "wrought iron" effect. It has excellent anticorrosive properties, high outdoor resistance, excellent covering and filling power, excellent spreading. The lamellar structure of the pigments creates an effective barrier against humidity and against UV rays, protecting the substrate from corrosion and flaking. For professional use.

Classification UNI 8681

Single-component finishing-layer alkyd paint, in a solution, oxidant chemical drying reaction, matt, with barrier-effect pigmentation (B4.A.O.B.z.A.BG)

Use

Outdoors

Suitable substrates

Iron

CHARACTERISTICS

Appearance/Composition

Physical state: liquid

Type of resin/binder: alkyd (UNI 8681: BG)

Appearance: satined with "wrought iron" effect

Dimensional Characteristics

Absolute gravity: 1550 ± 50 g/l

Performance Characteristics

Dry weight residue: 77 ± 2 %

Colour range

Shades can be obtained from the tintometric system, "Selezione Smalti (Micafer)" IVAS colour card

APPLICATION

Ambient conditions

Ambient temperature: min $+5^{\circ}\text{C}$ max $+40^{\circ}\text{C}$

Relative ambient humidity: max 80%

Preparation of the substrate

Iron

Reveal the rusty iron as much as possible and proceed with one of the following treatments:

- accurate manual or mechanical brushing (light: from Re1 to Re2 – accurate from Re3 to Re5 – very accurate from Re6 to Re9) by means of grinders, rotating brushes and discs in order to eliminate the parts in an advanced state of rust

- mechanical spotting for removing rust encrustations

Light alloys

Accurate cleaning and roughing of the substrate and application of a coat of Primex (IVAS)

Equipment

Type: brush, spray equipment

Dilution

Type of diluent: Diluente Sintetico (IVAS)

Dilution:

by brush: 3% = 30 ml/l

by spray: 5% = 50 ml/l

Application procedure

Apply even using the spraying equipment or a brush.

Recommended thickness: 35 – 40 μ for each coat

Drying or setting at $\approx 23^{\circ}\text{C}$

To the touch: 6 h

Surface: 12 h

Dry film thickness

max. 80 micron for each coat

Coverage (with two coats)

5 m^2/l

Recommended amount used per m^2 : 200 ml

Coverage per pack (16 l): 80 m^2 approx.

The coverage varies according to the roughness of the substrate

Coating with paint

Compatibility with other products: After 24 hours with synthetic varnishes.

STORAGE

Packaging

16 l – 2.5 l – 0.750 l

Storage

Minimum and maximum temperature: +5°C +35°C
(cool place protected from frost)

Stability in original containers: 180 days

SAFETY INFORMATION

Hazard classification

Hazard labels required in accordance with:

Law Decree dated 3rd February 1997 n° 52 amended by Law Decree dated 25th February 1998 n°90, Ministry of Health Decree dated 4th April 1997, Ministry of Health Decree dated 28th April 1997, Law Decree dated 16th July 1998 n° 285, Directive 1999/45/EC dated 31st May 1999, Ministry of Health Decree dated 7th July 1999, Ministry of Health Decree dated 10th April 2000, Ministry of Health Decree dated 26th January 2001, Ministry of Health Decree dated 11th April 2001, Directive 2001/58/EC, Directive

2001/59/EC, Directive 2001/60/EC and subsequent amendments

Warning advice for the user

See the safety card

Odour limit

Odourless

Identification of type of waste material

In accordance with EEC decision 2000/532/EC amended as: 2001/118/EC, 2001/119/EC, 2001/573/EC and subsequent amendments

Metal containers:

Classifiable with code 150104. Potentially treatable as urban waste material in accordance with the regulations of the individual municipalities

If the container contains residues of material it can be classified as code 150110. If the residue of material is large compared to the weight of the container it can be classified with code 080111

Dispose of in accordance with local regulations

N.B. This Technical Information Sheet is compiled to the best of our technical/scientific knowledge. Nevertheless, it is not binding and does not imply that we are responsible, as the conditions of use are outside our control. It is recommended that the product is always checked as being suitable for the specific application.

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