

POLIFAC SMALTO MICACEO

ANTICORROSIVE ENAMEL FOR IRON

code A228500

DESCRIPTION

POLIFAC SMALTO MICACEO is an enamel based on synthetic resins, anticorrosive pigments and laminated fillers, suitable for the protection and finishing of metal surfaces.

The product is indicated as base coat-finish for ferrous surfaces exposed even in aggressive environments such as industrial or marine. The finish with micaceous effect is also indicated for high quality aesthetic solutions.

INSTRUCTIONS FOR USE

It can be applied over ferrous metals like gates, railings, metal window frames, etc.

It can be also applied on galvanized surfaces and light alloys, if appropriately treated.

TECHNICAL SPECIFICATIONS

-Type of the binder: modified alkyd resin in mix of aliphatic hydrocarbons.

-Pigments and extenders: micaceous iron oxide, aluminium and zinc phosphate

-Specific gravity per UNI EN ISO 2811-1: 1.50 ± 0.05 kg/l.

-Drying time (at 25 °C and 65% R.H.): dust free in 30 min; to touch in 4 hours; to recoat after 12 hours.

PREPARING THE SURFACE

Ferrous metal surfaces never painted

- Remove any compact calamine and all traces of rust by means of a mechanical or manual cleaning.

- Thoroughly clean and degrease the surface with a suitable thinner.

- Apply, on a perfectly dry surface, POLIFAC SMALTO MICACEO.

Ferrous metal surfaces already painted

- Remove any coats of old paint that are not perfectly adherent and any rust by mechanical or manual cleaning; sand the old paint which is anchored to the surface to roughen.

- Apply, on a perfectly dry surface, POLIFAC SMALTO MICACEO.

Galvanized aluminum or light alloys surfaces

- Remove all traces of oxide by means of mechanical or manual cleaning and degrease with a suitable alkaline solutions or thinner.

- Apply a suitable anchoring base coat and then apply 2 coats of POLIFAC SMALTO MICACEO.

APPLICATION INSTRUCTIONS

- Do not apply at relative humidity >80% and surface humidity >10%, and environment temperatures and/or substrate below +5°C or above +35°C.

- Avoid applications in the presence of condensation on the surface or in direct sunlight.

- Stir the product thoroughly before thinning.

- Tools: brush, roller, spray gun, airless.

- Thinner: White spirit or Synthetic thinner;

- Thinning: by brush and roller at 0-3%; by spraying at 8%.

- When airless spraying, adjust thinning (max. 8%) according to the type of unit and nozzle used.

- Tools should be cleaned immediately after use using White spirit or Synthetic Thinner.

- Indicative spreading rate: 8-10 m²/l based on 2 coats, corresponding to a thickness of 70 microns.

TINTING

The product is available Charcoal (cod. A228501) Graphite (A228502) and Gunmetal (A228503).

STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 3 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. A/i: One-pack performance coatings (solvent-base): 500 g/l (2010)

POLIFAC SMALTO MICACEO contains max: 500 g/l VOC

Flammable liquid and vapour. / May cause drowsiness or dizziness. / Harmful to aquatic life with long lasting effects. / Repeated exposure may cause skin dryness or cracking. The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety. Consult the safety sheet for additional information.

SPECIFICATION ITEM

Anticorrosive enamel with micaceous effect.

Applications, on already treated surfaces, of anticorrosive enamel with antique effect POLIFAC SMALTO MICACEO, based on modified alkyd resins, micaceous iron oxide, aluminum and anticorrosive pigments, at least into 2 coats with minimum consumption of 200 ml/sqm.

Supply and application of the material €..... per sqm.

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