ESMALTE ANTIOXIDANTE FORJA BRILLO

CERTIFICADO EN 13501-1

SALES FORMAT

COLOURS: 4L, 750ML / BASE COATS: 4L, 750ML

DESCRIPTION

Anti-corrosive primer and topcoat with a metallic finish, based on micaceous iron oxide and corrosion inhibitors. Protection and decoration for all types of iron or steel products. Can be applied directly to iron surfaces without the need for a primer. The addition of special pigments gives it a brilliant metallic effect.

SCOPE OF APPLICATION

Outdoors/Indoor

For protection and decoration

Glossy metallic effect

Iron, Steel

Garden furniture, Street lamps

Balustrades, Gates and Fences

Electricity poles, Bridges

Cranes

PROPERTIES

- Excellent workability
- Direct application
- Application by brush and roller
- Makes touch-ups easier
- Colours with excellent lightfastness
- Long pot life

Disponible TKROMATIC

TECHNICAL DATA

Chemical composition	Alkyd resins	
Colour	Colour chart and colours	
Finish	Glossy wrought-iron effect	
Density	1.62–1.66 g/ml	UNE-EN ISO 2811-1
Viscosity	90–110 KU	UNE 48076
Volume solids	48–52%	UNE-EN ISO 23811
Fire classification	A2-s1, d0	UNE-EN 13501-1 (5236T24-2)
VOC	< 500 g/L. Maximum value permitted by the EU: 500 g/L	2004/42/II Category (i)
Theoretical coverage	4–6 m²/L (85 dry microns)	
Drying times	Touch-dry: 30–40 mins No-tack dry: 2–3 hours Fully dry: 6 hours	
Recoating time	24 h	
Dilution	5–20 per cent depending on the application method	
Diluents	SYNTHETIC AND Fatty Solvents 345	
Cleaning	UNIVERSAL SOLVENT 302	

The technical data specified may vary if the material is tinted.

PREPARATION OF THE SUBSTRATE

GENERAL INFORMATION

Outdoors, do not apply if rain is forecast, in full midday sun or on damp days.

UNPAINTED IRON SURFACES

Remove any rust and mill scale using suitable scrapers or wire brushes; degrease and clean the surface of dust and dirt; then sand carefully until all traces of rust have been removed from the surface. Next, apply one or two coats of, preferably, SYNTHETIC ANTI-CORROSIVE PRIMER. Once the necessary drying time has elapsed, apply two coats of GLOSSY ANTI-OXIDISING ENAMEL FOR WROUGHT IRON.

PAINTED IRON SURFACES

Remove any coats of paint that are not perfectly adhered, and then proceed as indicated for unpainted iron surfaces.

PREPARATION OF THE SUBSTRATE

GALVANISED STEEL AND ALUMINIUM SURFACES

Degrease and clean the surface. Apply one coat of PRIMER 4515 MULTI-PURPOSE. After allowing the appropriate drying time, apply two coats of FORJA GLOSS ANTI-CORROSIVE ENAMEL.

APPLICATION CONDITIONS

Substrate temperature	Min. + 5°C / Max. + 35°C
Ambient temperature	5°C / 35°C
Dew Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of flaking or efflorescence.

APPLICATION SYSTEM

System	Product	Yield	Dilution	Coats
PRIMING	SYNTHETIC ANTI-CORROSIVE PRIMER	7–9 m²/L per coat	10% SYNTHETIC AND Fatty Solvents 345	1 or 2
FINISH	GLOSSY ANTI-CORROSION ENAMEL FOR WROUGHT IRON	4–6 m²/L per coat	5–20% DEPENDING ON THE APPLICATION SYSTEM SYNTHETIC SOLVENTS 345	2

APPLICATION RECOMMENDATIONS

Product preparation:

Shake until the product is thoroughly homogenised. Shake again periodically. Adjust the viscosity. During lengthy processes, evaporation will occur; readjust the viscosity. If the solvent is too aggressive, it may be advisable to reduce its proportion.

Application method:

It can be applied by brush, roller or airbrush directly onto clean, degreased iron or steel, without the need for an anti-corrosive primer, thanks to its passivating action and its remarkable barrier effect against atmospheric agents.
If you wish to recoat with other products, use only synthetic enamels or oil-based paints. Apply evenly, ensuring good levelling, to achieve 90–100 microns wet per coat; in this way, two coats will yield approximately 120 microns dry.
For application by brush or roller, dilute the product with a small amount of SYNTHETIC AND OIL-BASED SOLVENT 345 or UNIVERSAL SOLVENT 302.
For application by airbrush, dilute by 10% to 20% with SYNTHETIC AND OIL-BASED SOLVENT 345 until a viscosity of 25 seconds is achieved in a Ford No. 4 cup at 25°C.
Use a nozzle with a diameter of 1.5–1.8 mm and an air pressure of 2.5–3.5 kg/cm².

ADDITIONAL INFORMATION

Health and safety	For any information regarding safety issues relating to the use, storage, transport and disposal of waste from this product, users should consult the labelling and the latest version of the Safety Data Sheet, which contains physical, ecological and toxicological data, as well as other relevant information on this subject. WASTE: HAZARDOUS LER CODE: 080111
Storage	The product will remain stable in its original, unopened packaging at ambient temperatures not exceeding 30°C or falling below 5°C for 12 months from the date of manufacture. The product must be stored in a cool, dry place, in its original packaging, tightly sealed, undamaged and protected from frost and direct sunlight.
Tariff heading	TARIC code: 3208 90 91
Note	The technical information contained in this document is provided in good faith, based on laboratory tests and practical experience under normal conditions. However, the data may vary, particularly when the material is tinted or when using intense colours, in which case parameters such as density or solids by volume may be affected without compromising the product's performance. Users are advised to verify the suitability of the product for their specific application and to request the relevant colour safety data sheet from their distributor for reference.