



# ESMALTE ANTIOXIDANTE FORJA BRILLO

## SALES FORMAT

COLOURS: 4L, 750ML

BASES: 4L, 750ML

### DESCRIPTION

Metallic effect anticorrosive primer and finish, based on micaceous iron oxide and corrosion inhibitors. Protection and decoration of all types of iron or steel products. Direct application on iron substrates, without the need for priming. The incorporation of special pigments gives it a shiny metallic effect.

### SCOPE OF APPLICATION

Exterior/Interior  
For protection and decoration  
Shiny metallic effect  
Iron, Steel  
Garden furniture, Street lamps  
Railings, Gates and Gates  
Electric poles, Bridges  
Cranes

### PROPERTIES

- Excellent applicability
- Direct application
- Brush and roller application
- Facilitates touch-ups
- Very lightfast colours
- Extensive open time

Disponible **TKROMATIC**

### TECHNICAL DATA

Chemical composition	Alkyd resins	
Colour	Chart and colours	
Finishing	Shiny forge effect	
Density	1.62-1.66 g/ml	UNE-EN ISO 2811-1
Viscosity	90-110 KU	UNE 48076
Solids by volume	50-52%	UNE-EN ISO 23811
VOC	< 500 g/L . Maximum value allowed by the EU: 500 g/L.	2004/42/II A classification (i)
Theoretical performance	4-6 m <sup>2</sup> /L (85 microns dry)	
Drying times	Touch-drying	30-40 min
	Drying without stickiness	2-3 h
	Total drying	6 h
Repainting time	24 h	
Dilution	5-20% depending on application system	
Diluent	TKROM DISOLVENTE SINTETICOS Y GRASOS 345	
Cleaning	TKROM DISOLVENTE UNIVERSAL 302	

## PREPARATION OF THE SUBSTRATE

### GENERAL

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

### UNPAINTED IRON SURFACES

Remove any possible rust and lamination residues with appropriate spatulas or metal brushes, degrease and clean of dust and dirt and sand carefully to remove the rust residues from the surface. Then apply one or two coats of preferably TKROM IMPRIMACION SINTETICA ANTICORROSIVA. After the necessary time has elapsed, apply two coats of TKROM ESMALTE ANTIOXIDANTE FORJA BRILLO.

### PAINTED IRON SURFACES

Remove any paint layers that are not perfectly adhered and then proceed as described for unpainted iron surfaces.

### GALVANISED STEEL AND ALUMINIUM SURFACES

Degrease and clean the surface. Apply a coat of TKROM IMPRIMACION MULTIUSOS. After a suitable time interval, apply two coats of TKROM ESMALTE ANTIOXIDANTE FORJA BRILLO.

## CONDITIONS OF APPLICATION

<b>Substrate Temp.</b>	Min. + 5°C / Max. + 35°C
<b>Ambient Temperature</b>	5°C / 35°C
<b>Rocio Point</b>	The substrate temperature must be at least 3°C above the dew point to reduce the risk of detachment or efflorescence.

## APPLICATION SYSTEM

APPLICATION SYSTEM	PRODUCT	PERFORMANCE	DILUTION	LAYERS
<b>PRIMING</b>	TKROM IMPRIMACION SINTETICA ANTICORROSIVA	7-9 m <sup>2</sup> /L and layer	10% TKROM DISOLVENTE SINTETICOS Y GRASOS 345	1 o 2
<b>FINISH</b>	TKROM ESMALTE ANTIOXIDANTE FORGING GLOSS	4-6 m <sup>2</sup> /L and layer	5-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE SINTETICOS 345	2

## RECOMMENDATIONS FOR IMPLEMENTATION

**Product preparation:** Stir until the product is well homogenised. Stir again periodically. Adjust viscosity. In long processes evaporation will occur, readjust viscosity. An excessively energetic solvent may make it advisable to reduce the proportion of solvent.

**Method of application:** It can be applied by brush, roller and spray gun directly on clean and degreased iron or steel, without the need for an anticorrosive primer, thanks to its passivating action and its remarkable barrier effect against atmospheric agents.

If you wish to repaint with other products, use only synthetic enamels or oil-based paints. Apply with uniformity and aiming for a good levelling to obtain 90-100 wet microns per coat, in this way with two coats we can obtain approximately 120 dry microns.

For brush or roller application dilute the product with a small amount of TKROM DISOLVENTE SINTETICOS Y GRASOS 345 or TKROM DISOLVENTE UNIVERSAL 302.

For spray gun application, dilute from 10% to 20% with TKROM DISOLVENTE 345 SINTETICOS Y GRASOS 345, until a viscosity of 25 seconds cup Ford nº 4 at 25°C.

Use a nozzle diameter of 1.5-1.8 mm and an air pressure of 2.5-3.5 kg/cm<sup>2</sup>.

## ADDITIONAL DATA

**Health and safety** For any information concerning safety issues in the use, storage, transport and disposal of this product, users should refer to the labelling and the most recent version of the MSDS, which contains physical, ecological, toxicological and other relevant data. WASTE: HAZARDOUS. LER CODE: 080111

**Storage** The stability of the product in its original unopened containers, at ambient temperatures of not more than 30°C and not less than 5°C, shall be 12 months from the date of manufacture. Storage shall be in a cool, dry place, in their original containers, tightly closed, undamaged and protected from frost and direct sunlight.

**Tariff heading** TARIC code: 3208 90 91

**Note** Note: The data indicated in this technical data sheet may be modified according to possible variations in formulation and in any case express indicative values that do not exempt from carrying out the appropriate tests to check the suitability of the product for a specific job. For any doubts regarding the treatment of the surfaces mentioned above or for the painting of other specific materials not covered in this data sheet, consult the appropriate treatment with technical personnel accredited by the TKROM GROUP.