

TKROM ESMALTE ANTIOXIDANTE FORJA PAVONADO



PRODUCT DESCRIPTION

Anti-corrosion base and top coat, with a metallic effect, based on micaceous iron oxide and corrosion inhibitors. Protection and decoration of all kinds of iron and steel products. Direct application on iron supports, without the need for a primer.

USES / SCOPE OF APPLICATION

- For protection and decoration, due to its unique forge metallic effect, for all kinds of iron or steel materials, indoor or outdoor use..
- Street lamps.
- Fences.
- Garden furniture.
- Bannisters.
- Gratings.
- Utility poles.
- Cranes.
- Bridges.

CONTAINER	SIZE
Metal	750 ml
Metal	4 L

CHARACTERISTICS / BENEFITS

- Outdoors and indoors.
- Excellent application with brush and roller.
- Direct application without the need of preparing the medium beforehand.
- Long available time, which makes spot painting easier.
- Colours highly solid to light.

PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Carta y colores s/muestra		
FINISH	MATE PROFUNDO		
GLOSS 85º	<3	UNE-EN ISO 2813	IL-6402-01

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY	1,67 -1,71 g/ml	UNE-EN ISO 2811-1	IL-6402-06
VISCOSITY (ISO)	90-110 KU	ENSAYO INTERNO	
PARTICLE SIZE DISTRIBUTION (GRAIN)	83-93 micras / Fino/ S1 Fino	UNE-EN ISO 1524 /UNE-EN 13300/ UNE-EN 1062-1	IL-6402-09

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
CONTENT IN NON-VOLATILE MATERIAL (MASS)	78-80%	UNE-EN ISO 3251	IL-6402-10
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	49-51%	UNE-EN ISO 23811	
MAXIMUM ADMISSIBLE COV CONTENT	500 g/L	2004/42/II A clasificación	
MAXIMUM ADMISSIBLE COV CONTENT IN THE PRODUCT	500 g/L	2004/42/II A clasificación	

APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	5-7 m ² /L - 2-4 m ² /kg a 85µm secas	UNE-EN ISO 23811	
1st COAT THINNING	5-20%	SEGÚN SISTEMA APLICACIÓN	
THINNER	TKROM Disolvente 302 Universal /TKROM Disolvente 345 Sinteticos y Grasos / TKROM Disolvente 350 Clorocaucho y Superlite Exterior		

MEDIUM CONDITIONS

If outside, do not apply if rain is forecast, in strong midday sun or on very humid days.

MEDIUM PREPARATION

PAINTED WOODEN SURFACES

- Remove areas that are cracked and not perfectly bonded. Use filler to fill any imperfections and irregularities. Sand the entire surface and clean any dust, grease or dirt. To achieve a good finish apply a coat of TKROM Universal Sealant Primer TDS-6203, sand lightly and then apply two coats of TKROM BLUING METALLIC RUST-RESISTANT ENAMEL.

NON-PAINTED WOODEN SURFACES

- Dry sand lightly to remove any raised fibres. Seal imperfections (knots, holes, grains, joints) using a suitable sealant, or fill with Tkrom Plast plaster powder, or synthetic putty. In most cases, these types of timber will be outdoors, so it is advisable to apply a first coat of open pore fungicide protector to the timber. Apply one or two coats of TKROM Universal Sealant Primer TDS-6203. Sand lightly and apply two coats of TKROM BLUING METALLIC RUST-RESISTANT ENAMEL.

NON-PAINTED IRON SURFACES

- Use appropriate metal spatulas or brushes; degrease to remove any rust and rolling residues; degrease and clean away any dust and dirt, and sand carefully to remove all rust residues from the surface. Next, preferably apply one or two coats of TKROM Synthetic Anti-corrosion Primer TDS-6218 or TKROM Electrolytic Minium TDS-6205. Wait for the necessary amount of time and apply two coats of TKROM BLUING METALLIC RUST-RESISTANT ENAMEL.

PAINTED IRON SURFACES

- Remove layers of paint that are not perfectly bonded and then proceed as indicated for unpainted iron surfaces.

GALVANISED STEEL AND ALUMINIUM SURFACES

- Degrease and clean the surface. Apply a coat of TKROM Universal Multipurpose Primer TDS-6204. After the appropriate period of time, apply two coats of TKROM BLUING METALLIC RUST-RESISTANT ENAMEL.

CONSTRUCTION SURFACES

- Check the condition of the wall surface and use mortar or appropriate products to repair any imperfections.
- Remove any remains of lime or tempera paint that may be present.
- Apply one or two coats of TKROM Universal Sealant Primer TDS-6203, followed by one or two coats of TKROM BLUING METALLIC RUST-RESISTANT ENAMEL.

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APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
PRIMING (MASONRY)	WOOD PRIMER	6-8 m ² /l per coat	10% SYNTHETIC THINNER 345	1 or 2
FINISH	TKROM BLUING ANTIOXIDANT IRONWORK ENAMEL	5-7 m ² /l per coat	5-20% DEPENDING ON THE APPLICATION SYSTEM. SYNTHETIC THINNER 345 or UNIVERSAL THINNER 302 TDS-6961	2

APPLICATION PROCESSES

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	<ul style="list-style-type: none"> · Stir until the mixture is properly homogenised. · Stir again at regular intervals. · Adjust viscosity. · Evaporation will take place during prolonged application, so the viscosity will have to be adjusted. · If the thinning agent is very strong, the proportion may have to be reduced.
APPLICATION	<ul style="list-style-type: none"> · It can be applied with a brush, roller and spray gun directly on clean, grease-free iron or steel without the need for an anti-corrosive base, thanks to its passivating action and strong barrier effect against adverse weather conditions. · To repaint with other products, only use synthetic enamels or oil-based paints. · Apply evenly, with proper levelling to obtain 90-100 microns wet per layer. This will result in approximately 120 microns dry with two coats. · To apply with a brush or roller, dilute the product with a small amount of Tkrom 345 Thinner for Synthetics or Tkrom 302 Universal Thinner. · If applying with a spray gun, dilute by 10% to 20% using Tkrom 345 Thinner for Synthetics, until a viscosity of 25 seconds is achieved in a No. 4 Ford cup at 25°C. · Use a 1.5-1.8 mm diameter nozzle and air pressure at 2.5-3.5 kg/cm².
TOOL CLEANING	<ul style="list-style-type: none"> · All tools that are used must be cleaned immediately after use with any of the recommended thinners, or with TKROM 302 UNIVERSAL THINNER (TDS-6961).

WAIT TIMES

Drying at 20°C and 65% relative humidity: The product is touch dry in 30-40 minutes. Tack free in 2-3 hours. It can be painted over after 24 hours.

SAFETY

Users should refer to the labelling and the latest version of the product's Safety Data Sheet for any information regarding safety issues related to use, storage, transport and waste disposal. The Safety Data Sheet contains all of the physical, environmental and toxicological data on the product, and information on all other issues related to this topic.

SAFETY SHEET	LER CODE	WASTE TYPE
MSDS-6402	08 01 11	HAZARDOUS



STORAGE

When kept in its original unopened container at room temperatures below 30°C and above 5°C, the product will remain stable for 12 months from the date of manufacture.

It should be stored in a cool, dry place, in its original properly sealed and undamaged container, protected from frost and direct sunlight.

TARIFF HEADING

TARIC code: 3208 90 91

Note: The data presented in this technical data sheet may be modified based on possible changes in formation. In any case, values are provided for information purposes only, and the suitability of the product for a certain job should always be tested.

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