



ESMALTE ANTIOXIDANTE MARTELE

SALES FORMAT

COLOURS: 4L, 750ML

DESCRIPTION

Direct application enamel on rust, without primer or sanding. It dries very quickly leaving very decorative hammered finishes. Specially formulated for application on ferrous surfaces, it can also be applied if desired on plaster and wood.

SCOPE OF APPLICATION

Exterior/Interior
Metallic effect Martelé
Electric poles
Iron and Steel
Metal furniture, Fences
Railings, Gates, Gates
Bridges, Street lamps
Cranes

PROPERTIES

- Directly on rust
- Enamel and antioxidant
- Passive rust
- No anti-rust primer required
- Finishing enamel
- Prevents the passage of moisture
- Brush and roller application
- Very lightfast colours

TECHNICAL DATA

Chemical composition	Alkyd resins	
Colour	Chart and colours	
Finishing	Effect Martelé	
Density	0.96-1.00 g/ml	UNE-EN ISO 2811-1
Viscosity	55-65 KU	UNE 48076
Solids by volume	41-43%	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	9-11 m ² /L (40 microns dry)	
Drying times	Touch-drying	20 min
	Drying without stickiness	2-3 h
	Total drying	6 h
Repainting time	48h	
Dilution	10-20% depending on application system	
Diluent	TKROM DISOL. SINTETICOS 345 / TKROM DISOL. CLOROCAUCHO 350	
Cleaning	TKROM DISOLVENTE UNIVERSAL 302	

PREPARATION OF THE SUBSTRATE

GENERAL

Outdoors, do not apply if rain is expected, in full midday sun or on very humid days. Excessive humidity is detrimental to both the strength of the dry film and the final appearance.

UNPAINTED IRON SURFACES

Although not necessary from an anti-corrosion point of view, to level and smooth the surface and to obtain a fully decorative finish, any rust and mill scale residues should be removed with appropriate spatulas or wire brushes, degreased and cleaned of dust and dirt and carefully sanded to remove coarse rust residues from the surface. Then apply two to three coats of TKROM ESMALTE ANTIOXIDANTE MARTELE by brush or roller or three to four coats of TKROM by spray gun to obtain a minimum of 100 microns dry.

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 Wash Primer, Shop Primer TKROM IMPRIMACION MULTIUSOS or TKROM IMPRIMACION EPOXI 2C GLASS. After the appropriate time interval, apply TKROM ESMALTE ANTIOXIDANTE MARTELE as indicated.

CONDITIONS OF APPLICATION

Substrate Temp.	Min. + 5°C / Max. + 35°C
Ambient Temperature	5°C / 35°C
Rocio Point	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
PRIMING	TKROM IMPRIMACION SINTETICA ANTICORROSIVA	7-9 m ² /L and layer	5-10% TKROM DISOLVENTE SINTETICOS Y GRASOS 345	1 o 2
FINISH	TKROM MARTELÉ ANTI-RUST ENAMEL	9-11 m ² /L and layer	10-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE SINTETICOS 345	2 a 5

RECOMMENDATIONS FOR IMPLEMENTA-

Product preparation: Stir until the product is well homogenised. Stir again periodically. Adjust viscosity. In long processes evaporation will occur, readjust viscosity.

Method of application: It can be applied by brush, roller, spray gun or airless spray gun.

For application by brush or roller dilute 5-10% with TKROM SOLVENT 376 ANTIOXIDANT, TKROM SOLVENT 345 SYNTHETICS or TKROM SOLVENT 350 CHLOROCAUCHO.

Do not insist on reviews.

For spray gun application dilute up to a viscosity of 28-32 seconds Cup Ford N-4, with 15-20% of the same solvents. Apply in thin coats in succession. The final coat thickness should be at least 100 µm (2-3 brush coats, 4-5 spray coats).

For airless spray application, dilute up to a viscosity of 60 seconds Cup Ford N-4, with 5% of the same solvent.

IMPORTANT: Do not recoat between 6 and 48 hours after application of the first coat, after 48 hours recoating is possible without time limitation.

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.