



# ESMALTE METACRILICO GALVANIZADOS

## SALES FORMAT

COLOURS: 15L, 4L, 750ML

BASES: 15L, 4L, 750ML

### DESCRIPTION

Solvent-based acrylic enamel with excellent adhesion on galvanised steel, good gloss and excellent resistance to chemicals, water, weathering and corrosion. Very good abrasion and wear resistance. Product integrated in the TKROM COLOR Colour System, which allows a wide range of colours to be obtained.

### SCOPE OF APPLICATION

Outside  
Pipelines  
Tanks  
Metal structures  
Bridges

### PROPERTIES

- High adhesion
- Hardness
- Elasticity
- Resistant to chemical attack
- Abrasion resistant
- Quick drying
- Available in Satin finish
- Impact resistant

Disponible **TKROMATIC**

### TECHNICAL DATA

Chemical composition	Acrylic resins	
Colour	Chart and colours	
Glossy Finish	Brightness (60°): 71±2	UNE-EN ISO 2813
Satin Finish	Brightness (60°): 50±5	UNE-EN ISO 2813
Density	1.28-1.32 g/ml	UNE-EN ISO 2811-1
Viscosity	75-85 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)
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Theoretical performance	10-12 m <sup>2</sup> /L (40 microns dry)	
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Drying times	<b>Touch-drying</b>	10 min
	<b>Drying without stickiness</b>	30 min
	<b>Total drying</b>	4 h

Repainting time	6 h	
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Dilution	5-20% depending on application system	
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Diluent	TKROM DISOLVENTE ACRILICO 365	
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Cleaning	TKROM DISOLVENTE UNIVERSAL 302	
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## PREPARATION OF THE SUBSTRATE

### GENERAL

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

### GALVANISED STEEL AND ALUMINIUM SURFACES

Degrease and clean the surface. Apply a coat of TKROM ESMALTE METACRILICO GALVANIZADOS.

### UNPAINTED IRON OR STEEL SURFACES

In cases where a combination of non-galvanised and galvanised iron or steel may appear, the non-galvanised part should be treated as follows; remove any rust and mill scale residues with suitable spatulas or wire brushes, degrease and clean of dust and dirt and sand carefully to remove surface rust residues, if necessary sandblast to Sa 2 1/2. Then apply one or two coats of TKROM IMPRIMACION SECADO RAPIDO. After the established time has elapsed, apply a coat of TKROM ESMALTE METACRILICO GALVANIZADOS.

### PAINTED IRON OR STEEL SURFACES

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

## 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>COATING (Iron and Steel)</b>	TKROM IMPRIMACION SECADO RAPIDO	6-8 m <sup>2</sup> /L and layer	5-15% TKROM DISOLVENTE SINTETICOS Y GRASOS 345	1 o 2
<b>FINISH</b>	TKROM ESMALTE METACRILICO GALVANIZADOS	10-12 m <sup>2</sup> /L and layer	5-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE ACRILICO 365	1 o 2

## RECOMMENDATIONS FOR IMPLEMENTA-

<b>Product preparation:</b>	Stir until homogenisation is achieved. Stir again periodically. Adjust viscosity. In long processes evaporation will occur, readjust viscosity.
<b>Method of application:</b>	It can be applied by spray gun or airless spray gun using TKROM DISOLVENTE 365 ACRILICO. For spray gun application, dilute from 15 to 20%. For airless spray application, dilute from 6 to 12%.  Solvents should have intermediate and balanced evaporation rates. Neither high nor low.  High temperatures cause rapid surface drying which leads to blistering as the solvent tries to evaporate from the undercoats. Therefore avoid painting during hours of high sunshine.  Check that the adhesion between old, well-anchored paints and the new one to be applied is correct and does not deteriorate the adhesion of the old paints on the substrate.  Check the compatibility of our product with the old paint to avoid negative reactions that could alter the goodness of the final coat.

## ADDITIONAL DATA

<b>Health and safety</b>	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
<b>Storage</b>	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 24 months from the date of manufacture. Storage shall be in a cool, dry place, in their original containers, well closed, undamaged and protected from frost and direct sunlight.
<b>Tariff heading</b>	TARIC code: 3208 20 90
<b>Note</b>	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.