

# TKROM IMPRIMACION SINTETICA ANTICORROSIVA



## PRODUCT DESCRIPTION

Anti-corrosion synthetic primer from glycerophthalic resins and anti-corrosion pigments (zinc phosphate). The product is ideal for protecting iron and steel surfaces against corrosion, both indoors and outdoors. Hard and elastic, dries quickly and adheres well. This product is an alternative to Lead Minium. The toxic pictogram is removed as it does not contain Lead, therefore is less harmful to the environment

## USES / SCOPE OF APPLICATION

- For indoor and outdoor use. Protects all types of iron and steel surfaces such as:
- Structures.
- Metal doors.
- Street lamps.
- Grids.
- Metal tanks.

CONTAINER	SIZE
Metal	250 ml
Metal	750 ml
Metal	4 L
Metal	25 kg

## CHARACTERISTICS / BENEFITS

- Due to its elasticity, it does not crack.
- Does not form globes.
- It can be painted over without sanding.
- Inexpensive maintenance.
- Odourless when dry.
- Silky matte finish.

## PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Naranja y colores s/muestra		
FINISH	Semi Mate	UNE-EN 1062-1	

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY	1,49-1,53 g/ml	UNE-EN ISO 2811-1	

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
CONTENT IN NON-VOLATILE MATERIAL (MASS)	76-78%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	56-58%	UNE-EN ISO 23811	
MAXIMUM ADMISSIBLE COV CONTENT	350 g/L	2004/42/II A clasificación	
MAXIMUM ADMISSIBLE COV CONTENT IN THE PRODUCT	350 g/L	2004/42/II A clasificación	

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APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	6-8 m <sup>2</sup> /L - 4-6 m <sup>2</sup> /kg a 75µm secas	UNE-EN ISO 23811	
THINNING	5-15%	SEGÚN SISTEMA APLICACIÓN	
THINNER	TKROM Disolvente 345 Sinteticos y Grasos / TKROM Disolvente 302 Universal		

### MEDIUM CONDITIONS

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

### MEDIUM PREPARATION

#### NON-PAINTED OR NEW SURFACES

- Surfaces should be dry and free of grease, dust and rust, etc.
- The use of blasting to Sa 2 ½ is advisable for preparing the surface. If the requirements are not stringent, manual or mechanical preparations to St 3 may be applied, provided that this is done in inside areas without risk of condensation. Apply one or two coats of TKROM ANTI-CORROSION SYNTHETIC PRIMER.

#### ALREADY PAINTED SURFACES

- Use mechanical equipment, scrapers or wire brushes to remove rusted areas and poorly bonded paint. Clean away dust, grease and dirt. Check adhesion to the previous layer and, if insufficient, proceed as described for new surfaces.

### APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
PRIMING	ANTI-CORROSION SYNTHETIC PRIMER	6-8 m <sup>2</sup> /l per coat, for a recommended thickness of 60-80 microns per coat, and variations of 10%.	5-15% 345 SYNTHETIC THINNER or UNIVERSAL 302	1 or 2

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**APPLICATION PROCESSES**

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	<ul style="list-style-type: none"> <li>· Stir until the mixture is properly homogenised.</li> <li>· Stir again at regular intervals.</li> <li>· Adjust viscosity.</li> <li>· Evaporation will take place during prolonged application, so the viscosity will have to be adjusted.</li> <li>· If the thinning agent is very strong, the proportion may have to be reduced.</li> </ul>
APPLICATION	<ul style="list-style-type: none"> <li>· It can be applied with a brush, roller or spray gun.</li> <li>· It can be applied with a short hair roller to obtain the proper thickness with two perpendicular layers and dilution at 0%-10%.</li> <li>· For spray gun application, use a pressure of 3-5 bar and 1.5 to 2 mm nozzles, diluted to 10%-15% and apply two layers crossing each other.</li> <li>· When using airless paint spraying equipment, the output pressure should be 150 bar, using 0.3-0.4 mm nozzles, with dilution at 5%-10% and an application angle of 75º-80º. Apply two layers crossing each other.</li> <li>· The second coat of the product should always be applied perpendicular to the first coat to obtain ideal opacity.</li> </ul>
TOOL CLEANING	<ul style="list-style-type: none"> <li>· 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).</li> </ul>

**WAIT TIMES**

Drying at 20°C and 65% relative humidity: The product is touch dry in 40-60 minutes. Tack free after 120-180 minutes. It can be painted over after 24 hours.

It may be painted over with synthetic enamels or oil-based paints. The suitability of the system to be applied must first be verified. Never use universal solvents on top coats; use specific solvents in each case.

Synthetic enamels: 24 hours, diluted with TKROM 345 synthetic thinner TDS-6914.

TKROM Products: Tkrom Colour TDS-6301, Tkrom Satin-Gold TDS-6302, Tkrom Gold TDS-6303, Bases TDS-6101, TDS-6102 and Bases TDS-6104, TDS-6105, TDS-6106

If you have any questions, consult the technical department.

**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
<a href="#">MSDS-6218</a>	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 24 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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