

TKROM IMPRIMACION SECADO RAPIDO ANTICORROSIVA

PRODUCT DESCRIPTION

A very quick drying primer with good anti-corrosion properties, with zinc phosphate; extremely easy to apply. Very good hardness and extensibility, without any tendency to run. Manufactured from modified glycerophthalic resins, it can be painted over with all types of paints.



USES / SCOPE OF APPLICATION

- Protection and preparation for enamelling of all kinds of iron and steel surfaces, both indoors and outdoors..
- Iron.
- Steel.
- Industrial machinery.
- Metal structures.

CONTAINER	SIZE
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.

PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Blanco y colores s/muestra		
FINISH	Mate		

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY	1,40-1,44 g/ml	UNE-EN ISO 2811-1	
VISCOSITY (ISO)	80-90 KU	ENSAYO INTERNO	
PARTICLE SIZE DISTRIBUTION (GRAIN)	42-52 micras	UNE-EN ISO 1524	

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
CONTENT IN NON-VOLATILE MATERIAL (MASS)	70-72%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	51-53%	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	

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APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	6-8 m ² /L - 3-5 m ² /kg a 75µm secas	UNE-EN ISO 23811	
THINNING	5-15%	SEGÚN SISTEMA APLICACIÓN	
THINNER	TKROM Disolvente 302 Universal / TKROM Disolvente 345 Sinteticos y Grasos		

SPECIFIC PROPERTIES	VALUE	STANDARD	REPORT
CLASSIFICATION ACCORDING TO FIRE PERFORMANCE	B-s1, d0	UNE-EN 13501-1:2007 + A1	2968T16

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 QUICK DRY 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	PRIMER S/R ANTI-CORROSIVE	6-8 m ² /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

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 roller or a spray gun. · It can be applied with a short hair roller to obtain the proper thickness with two perpendicular layers and dilution at 10%. · 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. · 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 75°-80°. Apply two layers crossing each other. · The second coat of the product should always be applied perpendicular to the first coat to obtain ideal opacity.
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 10-15 minutes. Tack free after 20-25 minutes. Below can be found a short guide to painting over, depending on the recommended product. These times are for perfect atmospheric conditions. Therefore, if possible it is advisable to paint over after 24 hours.

The product may be painted over with any type of paint, synthetic enamel,

Chlorinated rubber, polyurethane, etc. However, the amount of time before the primer can be

painted over will vary depending on the paint that will be applied. Paints containing very vigorous thinners will require longer primer drying times. 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: 12 hours, diluted with TKROM 345 synthetic thinner TDS-6914.

Epoxy: A minimum of 24 hours, diluted with our TKROM 370 epoxy thinner TDS-6919.

Polyurethane: A minimum of 24 hours, diluted with our TKROM 310 Polyurethane Thinner TDS-6903.

Quick drying: 6-8 hours, diluted with our TKROM 345 synthetic thinner TDS-6914.

Chloro Rubber: 6-8 hours, diluted with our TKROM 350 Chlorinated Rubber Thinner TDS-6934.

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
MSDS-6215	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.

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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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