

TKROM ESMALTE SECADO RAPIDO ANTICORROSIVO

PRODUCT DESCRIPTION

Synthetic, anti-corrosive enamel with zinc phosphate. Manufactured from modified alkyd resins, which give the product exceptionally quick air drying properties, as well as good hardness, elasticity, adhesion and gloss. Similarly, the pigments included in its formulation are lightfast and resistant to light and atmospheric agents.



USES / SCOPE OF APPLICATION

- For indoor and outdoor use. Suitable for agricultural and industrial machinery, pumps, compressors, structures, etc..

CONTAINER	SIZE
Metal	20 kg

CHARACTERISTICS / BENEFITS

- Adhesive.
- Good elasticity.
- Penetrative power..
- Fast drying.
- Odourless when dry.
- Abrasion, impact and friction resistance.

PRODUCT PROPERTIES

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

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY	1,28-1,32 g/ml	UNE-EN ISO 2811-1	
VISCOSITY (ISO)	80-90 KU	ENSAYO INTERNO	
PARTICLE SIZE DISTRIBUTION (GRAIN)	15-25 micras /Fino / S1 Fino	UNE-EN ISO 1524 / UNE-EN 13300 / UNE- EN 1062-1	

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
CONTENT IN NON-VOLATILE MATERIAL (MASS)	65-67%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	48-50%	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	10-12 m ² /L - 7-9 m ² /kg a 45µm secas	UNE-EN ISO 23811	
THINNING	5-20%	SEGÚN SISTEMA APLICACIÓN	
THINNER	TKROM Disolvente 345 Sinteticos y Grasos / TKROM Disolvente 350 Clorocaucho y Superlite Exterior		

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

GALVANISED STEEL AND ALUMINIUM SURFACES

- Degrease and clean the surface. Apply a coat of TKROM Universal Multipurpose Primer TDS-6115. After the appropriate period of time, apply one or two coats of TKROM ANTI-CORROSION QUICK DRY ENAMEL.

NON-PAINTED IRON OR STEEL 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, apply one or two coats of TKROM Quick Dry Primer TDS-6202. After the necessary amount of time, apply TKROM ANTI-CORROSION QUICK DRY ENAMEL.

PAINTED IRON OR STEEL SURFACES

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

APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
PRIMING (IRON OR STEEL)	PRIMER S/R TDS-6202	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 301	1 or 2
FINISH (DIFFICULT SURFACES)	TKROM ANTI-CORROSIVE FAST-DRYING ENAMEL	8-10 m ² /l per coat	5-20% DEPENDING ON THE APPLICATION SYSTEM. SYNTHETIC THINNER 345 TDS-6914 or CHLORINATED RUBBER THINNER 350 TDS-6934	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.
APPLICATION	<ul style="list-style-type: none"> · It can be applied with a spray gun or airless paint sprayer and the final touches applied with a brush. · If applying with a spray gun, dilute to a viscosity of 28-32 seconds in a No. 4 Ford cup, with 15%-20% of Tkrom 345 Thinner for Synthetics TDS-6914 or Tkrom 350 Chlorinated Rubber Thinner TDS-6934. · If applying with an airless paint sprayer, dilute to a viscosity of 60 seconds in a No. 4 Ford cup, with 6%-12% of the same thinners. · To apply with a brush (finishing touches), dilute by 5%-7%, also using the same thinners or, even better, with Tkrom Multi-Purpose Ecological Thinner TDS-6917 (this improves brush application).
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 after 15 minutes. Tack free after 30 minutes. It can be painted over after 6 hours. Completely dry in 12 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-6308	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.