

TKROM IMPRIMACION EPOXI CAPA INTERMEDIA ALTO ESPESOR



PRODUCT DESCRIPTION

Two-component, high-thickness intermediate coat, made of bisphenol A epoxy resin without diluent plus polyamide modified with fatty acids and polyamines, repaintable with two-component paints. Excellent resistance to corrosion, impacts, acids, alkali and all kinds of conventional thinners. It can be used as finish due to its excellent durability. Its composition contains zinc phosphate that provides excellent anti-corrosion properties.

CONTAINER	SIZE
Metal	18 kg (A), 3 kg (B)

USES / SCOPE OF APPLICATION

- Intermediate or finish coat for protection of steel and concrete, in facilities with strict requirements of resistance to aggressive environments. To use outdoors, the product must be protected with an appropriate finishing varnish.
- Outdoors/Indoors.
- Iron.
- Steel.
- Concrete.

CHARACTERISTICS / BENEFITS

- Good adhesive properties.
- High hardness.
- Elasticity.
- Resistant to chemical agents.
- Anti-corrosive action.
- Abrasion and impact resistance.
- Revestimiento impermeable.
- Allows for high coat thickness.
- Can be painted over with no impact on its anti-corrosion properties.
- Long lifetime in container without hardening (8 hours at 20°C, 2 hours at 40°C).
- Can be painted over after a minimum of 18 hours, and within 48 hours..

PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Blanco y colores s/muestra		
FINISH	Semi Mate	UNE-EN 062-1	

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY (COMPONENT A)	1,75-1,80 g/ml	UNE-EN ISO 2811-1	
DENSITY (COMPONENT B)	0,95-1,05 g/ml	UNE-EN ISO 2811-1	
VISCOSITY (COMPONENT A)	18000-22000 (mPa.s)	ENSAYO INTERNO	
VISCOSITY (COMPONENT B)	3000-6000 (mPa.s)	ENSAYO INTERNO	

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REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
FIXED VEHICLE IDENTIFICATION	Resina Epoxi basada en Bisfenol A sin diluyente + Poliamida modificada con ácidos grasos y poliaminas		
CONTENT IN NON-VOLATILE MATERIAL (MASS) COMP A	90-92%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME) COMP A	80-82%	UNE-EN ISO 23811	
MAXIMUM ADMISSIBLE COV CONTENT	500 g/L	2004/42/II A clasificación	
MAXIMUM ADMISSIBLE COV CONTENT IN THE PRODUCT	300 g/L	2004/42/II A clasificación	

APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	2-3 m ² /L a 300µm secas	UNE-EN ISO 23811	
USEFUL LIFE OF THE MIXTURE	4-6 horas		

MEDIUM CONDITIONS

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

MEDIUM PREPARATION

PRIMED SURFACES

- Use appropriate metal spatulas or brushes. Degrease to remove any rust. 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 HIGH THICKNESS INTERMEDIATE COAT EPOXY PRIMER.

PAINTED SURFACES

- Remove any coats of paint that are not perfectly bonded and then proceed as indicated for surfaces that have not been primed.

APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
MIDDLE LAYER	TKROM THICK MIDDLE LAYER EPOXY PRIMER	2.5-3 m ² /l per coat, for a recommended thickness of 300 microns per coat	THINNING NOT RECOMMENDED	1 or 2

APPLICATION PROCESSES

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	<ul style="list-style-type: none"> · Stir until the product and catalyst are properly homogenised. · Mix in a proportion of 6:1 by weight (base:catalyst), stir and wait for 10-20 minutes before applying to allow the activation of the reaction to begin. · Use the mixture within 8 hours at 20°C or 2 hours at 40°C. · 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 brush, roller or airless paint sprayer. · The use of diluting solvents is not recommended. · Applying one or two intermediate coats of primer is recommended to obtain the desired thickness. · It is not recommended to apply more than 300-350 microns of thickness by hand to prevent the product from overhanging from vertical surfaces.
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 dust free dry in 60 minutes. Touch dry in 90 minutes. It can be painted over after 24 hours, and within a maximum of 48 hours. Fully dry for use between 48 hours and 7 days.

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-6762	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.