

TKROM IMPRIMACION EPOXI CAPA INTERMEDIA HIERRO MICACEO 2C



PRODUCT DESCRIPTION

High-thickness, two-component intermediate coat, made of epoxy-polyamidoamine resins, can be painted over with two-component and conventional paints and can be used as finish due to its excellent durability. It contains micaceous iron, which conveys an excellent barrier effect in cases when it is used as an intermediate layer between the anti-corrosion primer and the finishing enamel.

Complies with the UNE 48295 standard.

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

USES / SCOPE OF APPLICATION

- Intermediate or finish layer for protection of steel and concrete, in facilities with strict requirements of resistance to aggressive environments.
- Outdoors/Indoors.
- Iron.
- Steel.
- Galvanised steel and light alloys.
- Polyester.

CHARACTERISTICS / BENEFITS

- Good adhesive properties.
- High hardness.
- Elasticity.
- Resistant to chemical agents.
- Anti-corrosive action.
- Abrasion and impact resistance.
- 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 12 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 1062-1	

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY (COMPONENT A)	1,45-1,49 g/ml	UNE-EN ISO 2811-1	
DENSITY (COMPONENT B)	0,90-0,94 g/ml	UNE-EN ISO 2811-1	
VISCOSITY (COMPONENT A)	2000-4000 mPa.s	ENSAYO INTERNO	
VISCOSITY (COMPONENT B)	100-200 segundos (Copa Ford nº 4)	ENSAYO INTERNO	

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REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
FIXED VEHICLE IDENTIFICATION	Resina Epoxi basada en Bisfenol A / Aducto de Poliamidoamina		
CONTENT IN NON-VOLATILE MATERIAL (MASS) COMP A	69-71%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME) COMP A	47-49%	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	5-7 m ² /L - 3-5 m ² /kg a 85µm secas	UNE-EN ISO 23811	
THINNING	0-20%	SEGÚN SISTEMA APLICACIÓN	
THINNER	TKROM Disolvente 370 Epoxi-Estufa		
USEFUL LIFE OF THE MIXTURE	8 horas		

MEDIUM CONDITIONS

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

MEDIUM PREPARATION

CONCRETE, CEMENT OR POLYESTER SURFACES

- Clean the surface and apply one or two coats of TKROM 2C GLASS PRIMER TDS-6704. In the case of floors, the pores of the surface should be opened using chemical or mechanical means. Next, apply one or two coats of TKROM 2C MICACEOUS IRON INTERMEDIATE COAT EPOXY PRIMER.

NON-PAINTED IRON OR STEEL SURFACES

- Use appropriate metal spatulas or brushes 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; if necessary, use sand blasting down to Sa 2 1/2. Next, apply one or two coats of TKROM 2C ANTI-CORROSION EPOXY PRIMER TDS-6702, then apply one or two coats of TKROM 2C MICACEOUS IRON INTERMEDIATE COAT EPOXY PRIMER.

GALVANISED, ALUMINIUM AND OTHER DIFFICULT SURFACES

- Degrease and clean the surface with an alkaline solution or Tkrom 2C Epoxy Solvent TDS-6919. Light sanding is advisable on excessively glossy surfaces, if possible. Apply a coat of TKROM 2C MICACEOUS IRON INTERMEDIATE COAT EPOXY PRIMER.

ALREADY PAINTED OR PRIMED IRON OR STEEL SURFACES

- Remove layers of paint that are not perfectly bonded and then proceed as indicated for unpainted iron surfaces, in any areas deemed appropriate.

APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
PRIMING (DIFFICULT SURFACES)	TKROM 2C MICACEOUS IRON MIDDLE LAYER EPOXY PRIMER			1
PRIMING	TKROM 2C GLASS PRIMER TDS-6704			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 or 3.35:1 by volume (base:catalyst), stir and wait for 10-20 minutes before application 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, spray gun or airless paint sprayer. If applying with a brush or roller, dilute by 0%-10% using Tkrom 370 Epoxy Thinner TDS-6919. If applying with a spray gun, dilute to a viscosity of 28-32 seconds in a No. 4 Ford cup, with 10-20% of the same thinner. If applying with an airless paint sprayer, dilute to a viscosity of 60 seconds in a No. 4 Ford cup, with 0-5% of the same thinner.
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. Dry for painting over in a minimum of 12 hours and a maximum of 48 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-6755	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.

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