



IMPRIMACIÓN EPOXI INTERMEDIA 2C HIERRO MICACEO

SALES FORMAT

COLOUR KIT: 21Kg

DESCRIPTION

Two-component high build intermediate coat, based on epoxy-polyamidoamine resins, can be overcoated with two-component and conventional paints, and can be left as a finish coat due to its excellent durability. Its composition includes micaceous iron, which gives it an excellent barrier effect in cases where it is used as an intermediate layer between the anticorrosive primer and the finishing enamel.

SCOPE OF APPLICATION

Exterior/Interior
 Iron
 Steel
 Galvanised steel
 Light alloys
 Polyester

PROPERTIES

- Complies with UNE 48295 (OTEC-08033)
- Good adhesion
- High hardness and elasticity
- Resistant to chemicals
- Anticorrosive Power
- Abrasion resistance
- Repayable in the long term
- Mixing time: 8h 20°C/ 2h 40°C

TECHNICAL DATA

Chemical composition	Epoxy resin + Ad. polyamidoamine		
Colour	White and colours		
Finishing	Semi-matt		
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	ASTM D2196-10	
Solids by volume	47-49%	UNE-EN ISO 23811	
Moisture resistance	1000 h	ISO 6270-1	OTEC-08033
Solvent resistance	OK	ISO 2812-1	OTEC-08033
VOC	< 500 g/L . Maximum value allowed by the EU: 500 g/L.	2004/42/II A classification (j)	

Theoretical performance	6-8 m ² /L - 4-6 m ² /Kg (70 microns dry)
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Drying times	Touch-drying	40 min
	Deep drying	8-12 h
	Full cure	7 days

Repainting time	Self-replenishable for up to 30 days
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Dilution	0-20% depending on application system
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Diluent	TKROM DISOLVENTE EPOXI ESTUFA 370
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Cleaning	TKROM DISOLVENTE EPOXI ESTUFA 370
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PREPARATION OF THE SUBSTRATE

GENERAL

Outdoors, do not apply if rain is expected, in full midday sun or on humid days.

CONCRETE, CEMENT OR POLYESTER SURFACES

Clean the surface and apply one or two coats of TKROM GLASS PRIMER 2C. It is advisable, in the case of floors, to open the pore of the surface by chemical or mechanical means. Then apply one or two coats of TKROM IMPRIMACION EPOXI CAPA INTERMEDIA HIERRO MICACEO 2C.

UNPAINTED IRON OR STEEL SURFACES

Remove any possible rust and lamination residues with appropriate spatulas or wire brushes, degrease and clean of dust and dirt and sand carefully to remove the rust residues from the surface, if necessary sandblast to Sa 2 1/2. Then apply one or two coats of TKROM IMPRIMACION EPOXI ANTICORROSIVA 2C, followed by one or two coats of TKROM IMPRIMACION EPOXI CAPA INTERMEDIA HIERRO MICACEO 2C.

GALVANISED STEEL, ALUMINIUM AND DIFFICULT SURFACES IN GENERAL

Degrease and clean the surface with alkaline solution or Tkrom Epoxy Solvent 2C. On excessively shiny surfaces it is advisable to sand lightly if possible. Apply a coat of TKROM IMPRIMACION EPOXI CAPA INTERMEDIA HIERRO MICACEO 2C.

IRON OR STEEL SURFACES ALREADY PRIMED OR PAINTED

Remove any paint layers that are not perfectly adhered and then proceed as indicated for unpainted iron surfaces in the areas where it is deemed appropriate.

CONDITIONS OF APPLICATION

Substrate Temp.	Min. + 5°C / Max. + 35°C
Ambient Temperature	5°C / 35°C
Rocio Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of detachment or efflorescence.

APPLICATION SYSTEM

APPLICATION SYSTEM	PRODUCT	PERFORMANCE	DILUTION	LAYERS
PRIMING	TKROM 2C ANTICORROSIVE EPOXY PRIMER	6-8 m ² /L - 3-5 m ² /Kg (70 microns dry)	0-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE EPOXI ESTUFA 370	1 o 2
INTERMEDIATE PRIMING	TKROM INTERMEDIATE EPOXY PRIMER 2C MICACEOUS IRON	6-8 m ² /L - 4-6 m ² /Kg (70 microns dry)	0-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE EPOXI ESTUFA 370	1
FINISH	TKROM ESMALTE POLIURETANO 2C	11-13 m ² /L - 9-11 m ² /Kg (40 microns dry)	5-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE POLIURETANO 310	2

RECOMMENDATIONS FOR IMPLEMENTA-

Product preparation: Shake until a good homogenisation of the product and its catalyst is achieved. Mix in a ratio of 6:1 by weight and 3.35:1 by volume (base:catalyst), stir and wait 10-20 minutes before applying. Use the mixture within 8 hours at 20°C or 2 hours at 40°C. Shake periodically. Adjust viscosity.

Method of application: It can be applied by brush, roller, spray gun or airless spray gun.

For brush or roller application dilute 0-10% with TKROM DISOLVENTE EPOXI 370.

For spray gun application, thin to a viscosity of 28- 32 seconds Cup Ford N-4, with 10-20% of the same solvent.

For airless spray application, dilute up to a viscosity of 60 seconds Cup Ford N-4, with 0-5% of the same solvent.

ADDITIONAL DATA

Health and safety For any information concerning safety issues in the use, storage, transport and disposal of this product, users should refer to the labelling and the most recent version of the MSDS, which contains physical, ecological, toxicological and other relevant data. WASTE: HAZARDOUS. LER CODE: 080111

Storage The stability of the product in its original unopened containers, at ambient temperatures of not more than 30°C and not less than 5°C, shall be 12 months from the date of manufacture. Storage shall be in a cool, dry place, in their original containers, tightly closed, undamaged and protected from frost and direct sunlight.

Tariff heading TARIC code: 3208 90 91

Note Note: The data indicated in this technical data sheet may be modified according to possible variations in formulation and in any case express indicative values that do not exempt from carrying out the appropriate tests on the suitability of the product for a specific job. For any doubts regarding the treatment of the surfaces mentioned above or for the painting of other specific materials not covered in this data sheet, consult the appropriate treatment with technical personnel accredited by the TKROM GROUP.