



IMPRIMACIÓN EPOXI 2C ALTO ESPESOR

SALES FORMAT

COLOUR KIT: 21Kg

DESCRIPTION

High thickness two-component intermediate coat, formulated with epoxy resin plus polyamide modified with fatty acids and polyamines, repaintable with two-component paints. Excellent resistance to corrosion, impacts, acids, alkalis and all kinds of conventional solvents. It can be left as a finish due to its excellent durability. Its composition includes zinc phosphate, which gives it an excellent anticorrosive effect.

SCOPE OF APPLICATION

Exterior/Interior
Intermediate layer
High resistance
Especially for aggressive environments
Iron
Steel
Concrete

PROPERTIES

- Good adhesion and elasticity
- High hardness
- Abrasion resistance
- Resistant to chemicals
- Anticorrosive Power
- Waterproof coating
- Allows high layer thicknesses
- 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)	1.75-1.80 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	ASTM D 2196-10
Solids by volume	80-82%	UNE-EN ISO 23811

VOC	< 500 g/L . EU maximum permitted value: 500 g/L.	2004/42/II A classification (j)
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Theoretical performance	2-4 m ² /L - 1-3m ² /Kg (300 microns dry)	
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Drying times	Touch-drying	90 min
	Drying without stickiness	4 h
	Full cure	7 days

Repainting time	Self-replenishable for up to 30 days	
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Dilution	It is not recommended to	
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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.

PRIMED SURFACES

Remove any rust, using suitable spatulas or wire brushes, degrease and clean of dust and dirt and sand carefully to remove any rust residue from the surface. Then apply one or two coats of TKROM IMPRIMACION EPOXI CAPA INTERMEDIA ALTO ESPESOR.

PAINTED SURFACES

Remove any paint layers that are not perfectly adhered and then proceed as described for primed surfaces.

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 IMPRIMACIÓN EPOXI 2C ANTICORROSIVA	6-8 m ² /L - 3-5 m ² /Kg (70 microns dry)	0-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE EPOXI ESTUFA 370	2
INTERMEDIATE PRIMER	TKROM 2C HIGH BUILD EPOXY PRIMER	2-4 m ² /L - 1-3m ² /Kg (300 microns dry)	DILUTION IS NOT RECOMMENDED	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	1

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 (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 or airless spray gun. The use of thinning solvents is not recommended.
	It is recommended to apply one or two coats of intermediate primer until the desired thickness is achieved.
	It is not recommended to apply more than 300-350 microns thick per coat to avoid sagging of the product on vertical surfaces.

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 to check 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.