



IMPRIMACIÓN EPOXI 2C HS ANTICORROSIVA

SALES FORMAT

COLOUR KIT: 15Kg

DESCRIPTION

The two-component line TKROM Epoxi Imprimación Anticorrosiva HS for metallic surfaces is based on epoxy-polyamidoamine resins, anticorrosive pigments (zinc phosphate) and special inert fillers that form by polymerisation a hard and elastic film with excellent adhesion to the substrate. Its high solids content by volume allows to obtain high dry film thicknesses.

SCOPE OF APPLICATION

Exterior/Interior
Iron
Steel
Galvanised steel
Light alloys
Polyester

PROPERTIES

- Good adhesion
- High hardness
- 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 + Polyamidoamine Ad.	
Colour	White and colours	
Finishing	Semi-matt	
Density (Component A)	1.54-1.58 g/ml	UNE-EN ISO 2811-1
Density (Component B)	0.90-0.94 g/ml	UNE-EN ISO 2811-1
Viscosity (Component A)	4000-8000 mPa.s	ASTM D 2196-10
Solids by volume	56-58%	UNE-EN ISO 23811
VOC	< 500 g/L . EU maximum permitted value: 500 g/L.	2004/42/II A classification (j)
Theoretical performance	7-9 m ² /L - 4-6 m ² /Kg (70 microns dry)	
Drying times	Touch-drying	45 min
	Deep drying	8-12 h
	Full cure	7 days
Repainting time	Self-replenishable up to 30 days	
Dilution	0-20% depending on application system	
Diluent	TKROM DISOLVENTE EPOXI ESTUFA 370	
Cleaning	TKROM DISOLVENTE EPOXI ESTUFA 370	

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.

UNPAINTED IRON OR STEEL SURFACES

Remove any rust and mill residues with suitable spatulas or wire brushes, degrease and clean of dust and dirt and sand carefully to remove any rust residues from the surface, if necessary sandblast to Sa 2 1/2. Then apply one or two coats of TKROM IMPRIMACION EPOXI ANTICORROSIVA HS 2C.

PAINTED IRON OR STEEL SURFACES

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

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 ANTICORROSIVA HS 2C.

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
COATING (Iron or Steel, Difficult Surfaces, Concrete, Cement and Polyester)	TKROM IMPRIMACION EPOXI 2C HS ANTICORROSIVA	7-9 m ² /L - 4-6 m ² /Kg (70 microns dry)	0-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE EPOXI ESTUFA 370	1 o 2
FINISHING (interiors)	TKROM ESMALTE EPOXI 2C	14-16 m ² /L - 9-11 m ² /Kg (40 microns dry)	5-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE EPOXI 370	2
FINISHING (exteriors)	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 IMPLEMENTATION

Product preparation: Shake until a good homogenisation of the product and its catalyst is achieved. Mix in a ratio of 4:1 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, 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 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.