



IMPRIMACIÓN EPOXI 2C TKROM GLASS

SALES FORMAT

KIT COLOURS: 15Kg, 5Kg, 1.25Kg

DESCRIPTION

Two-component anticorrosive primer and adhesion primer for all types of metal, glass, ceramic, polyester, concrete, etc. surfaces. Formulated with epoxy resins plus aliphatic polyamine adduct. Excellent adhesion on cement plaster, concrete, galvanised steel, stainless steel, aluminium, copper and light alloys as well as on glass, ceramics, etc. Maximum hardness and resistance to abrasion and chemical agents or aggressive environments.

SCOPE OF APPLICATION

Exterior/Interior
Cement and Concrete
Galvanised steel
Stainless steel
Aluminium
Light alloys
Glass, Copper
Ceramics

PROPERTIES

- Complies with UNE48271
- Very high adhesion
- High hardness
- Elasticity
- Resistant to chemical agents
- 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		
Density (Component A)	1.62-1.66 g/ml	UNE-EN ISO 2811-1	
Density (Component B)	0.92-0.96 g/ml	UNE-EN ISO 2811-1	
Viscosity (Component A)	82-92 KU	UNE 48076	Otec-08031
Solids by volume	58-62%	UNE-EN ISO 23811	Otec-08031
Resistance to salt spray	500 hours	UNE-EN ISO 9227	Otec-08031
Personal hardness	168 s	UNE-EN ISO 1522	Otec-08031
Solvent resistance	OK	UNE-EN ISO 2812-1	Otec-08031
VOC	< 500 g/L . Maximum value allowed by the EU: 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	6-8 h	
	Full cure	7 days	
Repainting time	Self-replenishable for up to 30 days		
Dilution	5 to 15% 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.

UNPAINTED IRON OR STEEL SURFACES

Remove any rust and mill scale residues with suitable spatulas or wire brushes, degrease and clean of dust and dirt and sand carefully to remove surface rust residues, if necessary sandblast to Sa 2 1/2. Then apply one or two coats of TKROM IMPRIMACIÓN EPOXI 2C TK- GLASS.

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 with TKROM DISOLVENTE EPOXI 370. On excessively shiny surfaces, a light sanding is advisable if possible. Apply a coat of TKROM IMPRIMACIÓN EPOXI 2C TK- GLASS.

CONCRETE OR CEMENT SURFACES

Clean the surface and apply one or two coats of TKROM IMPRIMACIÓN EPOXI 2C TK- GLASS. In the case of floors, it is advisable to open the pore of the surface by chemical or mechanical means.

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 and Cement)	TKROM EPOXY PRIMER 2C TKROM GLASS	7-9 m ² /L - 4-6 m ² /Kg (70 microns dry)	5-15% 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 ESTUFA 370	1 o 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	1 o 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 or 4:1.5 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 5-10% 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.