



IMPRIMACIÓN POLIURETANO 2C

SALES FORMAT

COLOUR KIT: 21Kg



DESCRIPTION

Two-component primer filler, based on hydroxyacrylic resins and aliphatic isocyanates, with very good adhesion, hardness, sealing power and easy sandability. Suitable for application on a wide variety of plastic, metallic and masonry surfaces.

SCOPE OF APPLICATION

Exterior/Interior
Primer for Polyurethane Sm.
Structures in the chemical industry
Soils
Installations in marine environments

PROPERTIES

- Elasticity
- Resistant to atmospheric agents
- Abrasion resistance
- Chemical resistance
- Excellent hardness
- Very good adhesion
- Repayable in the long term
- Shelf life of the mixture: 4h at 20°C

TECHNICAL DATA

Chemical composition	Hydroxylated acrylic%2BPolyisocyanate		
Colour	White and colours		
Finishing	Semi-matte		
Density (Component A)	1.41-1.45 g/ml	UNE-EN ISO 2811-1	
Density (Component B)	0.90-0.98 g/ml	UNE-EN ISO 2811-1	
Viscosity (Component A)	75-85 KU	UNE 48076	
Solids by volume	47-49%	UNE-EN ISO 23811	
Fire classification	B-s1, d0 / Bfl-s1	UNE-EN 13501-1	3803T19-2/3900T19
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)		
Drying times	Touch-drying	20-30 min	
	Drying without stickiness	2 h	
	Full cure	7 days	
Repainting time	Self-replenishable up to 7 days		
Dilution	5-15% depending on application system		
Diluent	TKROM DISOLVENTE POLIURETANO 310		
Cleaning	TKROM DISOLVENTE UNIVERSAL 302		

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 appropriate 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 IMPRIMACION POLIURETANO 2C. After the time limit has elapsed, apply one or two coats of TKROM ESMALTE POLIURETANO 2C.

PAINTED IRON OR STEEL SURFACES

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

CONCRETE OR CEMENT SURFACES

First apply one or two coats of TKROM IMPRIMACION POLIURETANO 2C. 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, Cement and Polyester)	TKROM IMPRIMACION POLIURETANO 2C	6-8 m ² /L - 4-6 m ² /Kg (70 microns dry)	0-15% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE POLIURETANO 310	1 o 2
FINISH	TKROM ESMALTE POLIURETANO 2C	11-13 m ² /L - 9-11m ² /Kg (40 microns dry)	5-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE POLIURETANO 310	1 o 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 (base:catalyst), shake and wait 10 minutes before applying. Use the mixture within 4 hours at 20°C. Shake periodically. Adjust viscosity.

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

For application by brush or roller dilute 5-10% with TKROM SOLVENT PU 310.

For spray gun application dilute up to a viscosity of 28-32 seconds Cup Ford N-4, with 15-25% 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.