POLIURETANO PRIMER 2511 ANTICORROSIVO

SALES FORMAT

COLOUR KIT: 21Kg

CERTIFICADO EN 13501-1

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 20ºC

TECHNICAL DATA

Chemical composition	Hydroxylated acrylic+Polyisocyanate		
Colour	White and colours		
Finishing	Semi-matte		
Density (A+B)	1,33 ± 0,05 g/ml	UNE-EN ISO 2811-1	
Viscosity (Component A)	75-85 KU	UNE 48076	
Solids by volume (A+B)	42-46%	UNE-EN ISO 23811	
Fire classification	A2-s1, d0 / Bfl-s1	UNE-EN 13501-1	5237T24-2/3900T19
VOC	< 500 g/L . EU maximum permitted value: 500 g/L.	2004/42/II A classification (j)	

Theoretical performance	6-8 m2/L - 4-6 m2/kg (70 micron dry)	
Drying times	**Touch-drying**	20-30 min
	Drying without stickiness	2 hours
	Full cure	7 days
Repainting time	Self-replenishable up to 7 days	
Dilution	5-15% depending on application system	
Diluent	POLYURETHANE SOLVENT 310	
Cleaning	UNIVERSAL SOLVENT 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 possible presence of rust and lamination residues, with appropriate spatulas or metal brushes, degrease and clean of dust and dirt and sand carefully until the surface is free of rust residues, if necessary use sandblasting up to Sa 2 1/2. Then apply one or two coats of POLYURETHANE PRIMER 2511 ANTICORROSIVE. After the established time has elapsed, apply one or two coats of POLYURETHANE 2512.

PAINTED IRON OR STEEL SURFACES

Remove any coats of paint that is not perfectly adhered and then proceed as described for unpainted iron surfaces.

CONCRETE OR CEMENT SURFACES

First apply one or two coats of POLYURETHANE PRIMER 2511 ANTICORROSIVE. It is advisable, in the case of floors, to open the pore of the surface by chemical or mechanical means.

CONDITIONS OF APPLICATION

Substrate Temp.	Min. + 10°C / Max. + 35°C
Ambient Temperature	10°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)	POLYURETHANE PRIMER 2511 ANTICORROSIVE	6-8 m2/L - 4-6 m2/ kg (70 micron dry)	0-15% DEPENDING ON APPLICATION SYSTEM SOLVENT POLYURETHANE SOLVENT 310	1 o 2
FINISH	POLYURETHANE 2512	11-13 m2/L - 9-11m2/ Kg (40 microns dry)	5-20% DEPENDING ON APPLICATION SYSTEM SOLVENT POLYURETHANE SOLVENT 310	1 o 2

RECOMMENDATIONS FOR IMPLEMENTATION

Preparation of the product:

Shake until a good homogenisation of the product and its catalyst is achieved. Mix in a ratio of 6:1 by weight or 4:1 by volume (base:catalyst), stir and wait 10 minutes before applying. Use the mixture within 4 hours at 20ºC. 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 5-10% with PU 310 SOLVENT.

For spray gun application, thin 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 30ºC and not less than 5ºC, shall be 12 months from the date of manufacture. Storage shall be in a cool, dry place, in their original containers, well 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 of suitability of the product for a particular job. For any doubt 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 to technical personnel accredited by GRUPO .

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