EPOXI PRIMER 1514 ANTICORROSIVA

SALES FORMAT

KIT COLOURS: 18Kg, 6Kg

CERTIFICADO EN 13501-1

DESCRIPTION

The two-component Epoxy Anticorrosive Primer line for metallic surfaces is based on epoxy-polyamidoamine resins, anticorrosive pigments (zinc phosphate) and special inert fillers; they form by polymerisation a hard and elastic film with excellent adhesion to the substrate.

SCOPE OF APPLICATION

Exterior/Interior

Iron

Steel

Galvanised steel

Polyester

Light alloys

PROPERTIES

- Complies with UNE48271 TYPE1(OTEC-08030)
- Good adhesion
- High hardness and elasticity
- Resistant to chemicals
- Anticorrosive Power
- Abrasion resistance
- Repayable in the long term
- Mixing time: 8h 20ºC/ 2h 40ºC

TECHNICAL DATA

Chemical composition	Epoxy resin + Polyamidoamine Ad.		
Colour	White and colours		
Finishing	Semi matte		
Density (A+B)	1,41 ± 0,05 g/ml	UNE-EN ISO 2811-1	
Viscosity (Component A)	85-98 KU	UNE 48076	
Solids by volume (A+B)	53-57%	UNE-EN ISO 23811	
Hardness Persoz	188 s	UNE-EN ISO 1522	OTEC-08030
Resistance to salt spray	500 hours	UNE-EN ISO 9227	OTEC-08030
Fire classification	A2-s1, d0	UNE-EN 13501-1	5238T24-2
VOC	< 500 g/L . EU maximum permitted value: 500 g/L.	2004/42/II A classification (j)	

Theoretical performance	6-8 m2/L - 3-5 m2/Kg (70 microns dry)	
Drying times	**Touch-drying**	45 min
	Deep drying	8-12 h
	Full cure	7 days
Repainting time	Minimum 12 hours Maximum 30 days	
Dilution	0-20% depending on application system	
Diluent	SOLVENT EPOXI STUFA 370 or EPOXI INDUSTRIAL 375	
Cleaning	SOLVENT EPOXI STUFA 370 or EPOXI INDUSTRIAL 375	

PREPARATION OF THE SUBSTRATE

GENERAL

On exteriors, do not apply if rain is expected, if you are in full midday sun or on humid days. After full cure it is recommended to sand the surface before recoating.

CONCRETE, CEMENT OR POLYESTER SURFACES

Clean the surface and apply one or two coats of EPOXI PRIMER 1514 ANTICORROSIVE. 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 possible presence of rust and lamination residues, with spatulas or suitable metal brushes, degrease and clean of dust and dirt and sand carefully until the rust residues are removed from the surface, if necessary use sandblasting up to Sa 2 1/2. Then apply one or two coats of EPOXI PRIMER 1514 ANTICORROSIVE.

PAINTED IRON OR STEEL SURFACES

Remove any coats of paint that is 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 Epoxy Solvent. On excessively shiny surfaces it is advisable to sand lightly if possible. Apply a coat of EPOXI PRIMER 1514 ANTICORROSIVE.

CONDITIONS OF APPLICATION

Substrate Temp.	Min. + 10ºC / Max. + 35ºC
Ambient Temperature	10ºC / 35ºC
Rocio Point	The substrate temperature must be at least 3ºC 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)	EPOXY PRIMER 1514 ANTICORROSIVE	6-8 m2/L - 3-5 m2/ Kg (70 microns dry)	0-20% DEPENDING ON APPLICATION SYSTEM SOLVENT EPOXY COOKER 370	1 o 2
FINISHING (interiors)	EPOXI 1512	14-16 m2/L - 9-11 m2/Kg (40 micron dry)	5-20% DEPENDING ON APPLICATION SYSTEM SOLVENT EPOXY 370	1 o 2
FINISHING (exteriors)	POLYURETHANE 2512	11-13 m2/L - 9-11 m2/ 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 5:1 by weight or 2.9:1 by volume (base:catalyst), stir and wait 10-20 minutes before applying. Use the mixture within 8 hours at 20ºC or 2 hours at 40ºC. 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 0-10% with EPOXI 370 SOLVENT.

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 ºC and not less than 5 ºC 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 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 included in this data sheet, consult the appropriate treatment to technical personnel accredited by GRUPO .

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