



EPOXI PRIMER 1516 HIERRO MICÁCEO

SALES FORMAT

COLOUR KIT: 21Kg



DESCRIPTION

Two-component high build intermediate coat, based on epoxy-polyamidoamine resins, can be overcoated with two-component and conventional paints, and can be left as a finish coat due to its excellent durability. Its composition includes micaceous iron, which gives it an excellent barrier effect in cases where it is used as an intermediate layer between the anticorrosive primer and the finishing enamel.

SCOPE OF APPLICATION

Exterior/Interior
 Iron
 Steel
 Galvanised steel
 Light alloys
 Polyester

PROPERTIES

- Complies with UNE 48295 (OTEC-08033)
- Good adhesion
- High hardness and 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	Grey and colours		
Finishing	Semi matte		
Density (A+B)	1,36 ± 0,05 g/ml	UNE-EN ISO 2811-1	
Viscosity (Component A)	2000-4000 mPa.s	ASTM D2196-10	
Solids by volume (A+B)	47-51 %	UNE-EN ISO 23811	
Moisture resistance	1000 h	ISO 6270-1	OTEC-08033
Solvent resistance	OK	ISO 2812-1	OTEC-08033

VOC	< 500 g/L . EU maximum permitted value: 500 g/L.	2004/42/II A classification (j)
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Theoretical performance	6-8 m ² /L - 4-6 m ² /kg (70 micron dry)
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Drying times	Touch-drying	40 min
	Deep drying	8-12 h
	Full cure	7 days

Repainting time	Minimum 16 hours
	Maximum 30 days

Dilution	0-20% depending on application system
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Diluent	SOLVENT EPOXI STUFA 370 or EPOXI INDUSTRIAL 375
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Cleaning	SOLVENT EPOXI STUFA 370 or EPOXI INDUSTRIAL 375
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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 1521 GLASS. It is advisable, in the case of floors, to open the pore of the surface by chemical or mechanical means. Then apply one or two coats of EPOXI PRIMER 1516 MICACEOUS IRON.

UNPAINTED IRON OR STEEL SURFACES

Remove any possible presence of rust and lamination residues, using spatulas or suitable metal brushes, degrease and clean of dust and dirt and sand carefully to remove the rust residues from the surface, if necessary use sandblasting up to Sa 2 1/2. Then apply one or two coats of EPOXI PRIMER 1514 ANTICORROSIVE 2C, then apply one or two coats of EPOXI PRIMER 1516 IRON MICACEO.

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 1516 IRON MICACEO.

IRON OR STEEL SURFACES ALREADY PRIMED OR PAINTED

Remove any coats of paint that is not perfectly adhered and then proceed as indicated for unpainted iron surfaces in the areas where it is deemed appropriate.

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
PRIMING	EPOXY PRIMER 1514 ANTICORROSIVE	6-8 m ² /L - 3-5 m ² / Kg (70 microns dry)	0-20% DEPENDING ON APPLICATION SYSTEM SOLVENT EPOXY COOKER 370	1 o 2
INTERMEDIATE PRIMING	EPOXY PRIMER 1516 MICACEOUS IRON	6-8 m ² /L - 4-6 m ² / Kg (70 microns dry)	0-20% DEPENDING ON APPLICATION SYSTEM SOLVENT EPOXY COOKER 370	1
FINISH	POLYURETHANE 2512	11-13 m ² /L - 9-11 m ² / Kg (40 microns dry)	5-20% DEPENDING ON APPLICATION SYSTEM SOLVENT POLYURETHANE SOLVENT 310	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 3.8:1 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 application by brush or roller dilute 0-10% with EPOXI 370 SOLVENT.

For spray gun application, thin up 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 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 .