PROTEK EPOXI PRIMER 1517 ANTICORROSIVO CH

CERTIFICADO EN 13501-1

SALES FORMAT

KIT: 23 kg

DESCRIPTION

The two-component EPOXI PRIMER 1517 ANTICORROSIVE CH range for metallic surfaces is formulated from epoxy-polyamidoamine resins, anti-corrosive pigments (zinc phosphate) and special inert fillers; which, upon polymerisation, form a hard, elastic film with excellent adhesion to the substrate.

SCOPE OF APPLICATION

Outdoors/Indoor

Iron

Steel

Galvanised steel

Polyester

Lightweight alloys

PROPERTIES

- Good adhesion
- High hardness and elasticity
- Resistant to chemicals
- Abrasion resistance
- Corrosion Protection
- Pot life: 6 hours at 20°C / 2 hours at 40°C
- Can be repainted in the long term

TECHNICAL DATA

Chemical composition	Epoxy resin + polyamidoamine additive	
Colour	Grey	
Finish	Matte	
Density (Component A)	1.49–1.56 g/ml	UNE-EN ISO 2811-1
Viscosity (Component A)	85–95 KU	UNE 48076
Volume solids	47–51%	UNE-EN ISO 23811
Persoz Hardness	> 160 s	UNE-EN ISO 1522
Salt spray resistance	> 250 hours (60 microns)	UNE-EN ISO 9227 (60 microns)
Fire classification	A2-s1,d0 (5238T24-2)	UNE-EN 13501-1 (5238T24-2)
VOC	< 500 g/L. Maximum value permitted by the EU: 500 g/L	2004/42/II Category (j)
Theoretical coverage	7–9 m²/L – 4–6 m²/kg (60 microns dry film thickness)	
Drying times	Touch-dry: 45 mins Through-dry: 8–12 hours Fully cured: 7 days	
Recoating time	Minimum 12 hours Maximum 30 days	
Dilution	0–20% depending on the application method	
Diluents	SOLVENT-BASED EPOXY ESTUFA 370 or INDUSTRIAL EPOXY 375	
Cleaning	SOLVENT-BASED EPOXY ESTUFA 370 or INDUSTRIAL EPOXY 375	

The technical data specified may vary if the material is tinted.

PREPARATION OF THE SUBSTRATE

GENERAL INFORMATION

Outdoors, do not apply if rain is forecast, in direct midday sun or on damp days. Once fully cured, it is recommended to sand the surface before repainting.

CONCRETE, CEMENT OR POLYESTER SURFACES

Clean the surface and apply one or two coats of EPOXI PRIMER 1517 ANTICORROSIVE CH. In the case of floors, it is advisable to open the surface pores using chemical or mechanical methods.

PREPARATION OF THE SUBSTRATE

UNPAINTED IRON OR STEEL SURFACES

Remove any rust and mill scale, using suitable scrapers or wire brushes; degrease and clean off dust and dirt; and sand carefully until all rust residues have been removed from the surface; if necessary, sandblast to Sa 2 1/2. Then apply one or two coats of EPOXI PRIMER 1517 ANTICORROSIVE CH.

PAINTED IRON OR STEEL SURFACES

Remove any coats of paint that are not perfectly adhered, then proceed as indicated for unpainted iron surfaces.

GALVANISED STEEL, ALUMINIUM AND GENERALLY DIFFICULT SURFACES

Degrease and clean the surface with an alkaline solution or Epoxy Solvent. On excessively glossy surfaces, light sanding is recommended where possible. Apply one coat of EPOXI PRIMER 1517 ANTICORROSIVE CH.

APPLICATION CONDITIONS

Substrate temperature	Min. +10°C / Max. +35°C
Ambient temperature	10°C / 35°C
Dew Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of flaking or efflorescence.

APPLICATION SYSTEM

System	Product	Yield	Dilution	Coats
PRIMING (Iron or Steel, Difficult Surfaces, Concrete, Cement and Polyester)	EPOXY PRIMER 1517 ANTI-CORROSIVE CH	7–9 m²/L – 4–6 m²/kg (60 microns dry film thickness)	0–20% DEPENDING ON THE APPLICATION SYSTEM: SOLVENT-BASED EPOXY ESTUFA 370	1 or 2
FINISH (indoor)	EPOXI 1512	14–16 m²/L – 9–11 m²/kg (40 microns dry film thickness)	5–20% DEPENDING ON THE APPLICATION SYSTEM: SOLVENT-BASED EPOXY 370	1 or 2
FINISH (outdoors)	POLYURETHANE 2512	11–13 m²/L – 9–11 m²/kg (40 microns dry film thickness)	5–20% DEPENDING ON THE APPLICATION SYSTEM – SOLVENT-BASED POLYURETHANE 310	1 or 2

APPLICATION RECOMMENDATIONS

Product preparation:	Stir until the product and its hardener are thoroughly mixed. Mix in a ratio of 6.7:1 by weight or 4:1 by volume (base:catalyst). Use the mixture within 6 hours at 20°C or 2 hours at 40°C. Stir periodically. Adjust the viscosity.
Application method:	Can be applied by brush, roller, airbrush or airless spray gun. For application by brush or roller, dilute by 0–10% with EPOXY SOLVENT 370. For application by airbrush, dilute to a viscosity of 28–32 seconds on the Ford N-4 Cup using 10–20% of the same solvent. For application by airless spray gun, dilute to a viscosity of 50 seconds on the Ford Cup N-4, using 5–15% of the same solvent.

ADDITIONAL INFORMATION

Health and safety	For any information regarding safety issues relating to the use, storage, transport and disposal of waste from this product, users should consult the labelling and the latest version of the Safety Data Sheet, which contains physical, ecological and toxicological data, as well as other relevant information on this subject. WASTE: HAZARDOUS. LER CODE: 080111
Storage	The product will remain stable in its original, unopened packaging at ambient temperatures not exceeding 30 °C or falling below 5 °C for 12 months from the date of manufacture. The product must be stored in a cool, dry place, in its original, tightly sealed, undamaged packaging, protected from frost and direct sunlight.
Tariff heading	TARIC code: 3208 90 91
Note	The data provided in this technical data sheet may be subject to change depending on possible variations in formulation and, in any case, represent indicative values which do not exempt the user from carrying out the necessary tests to ensure the product is suitable for a specific job. For any queries regarding the treatment of the surfaces mentioned above or the painting of other specific materials not covered in this data sheet, please consult GRUPO's accredited technical staff for the appropriate treatment.

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