



EPOXI PRIMER 1711 RICA EN ZINC

SALES FORMAT

KIT: 24 Kg



DESCRIPTION

High-thickness zinc-rich epoxy primer with excellent corrosion protection for steel. Formulated with epoxy-polyamidoamine resin. Combines the hardness of epoxy products with the superior protection of zinc-rich primers. Outstanding water vapour and weather resistance in complete systems.

SCOPE OF APPLICATION

Exterior/Interior
Steel pipes
Deposits
Storage tanks
Chemical plants
General industry

PROPERTIES

- Good adhesion and elasticity
- High hardness
- Repayable in the long term
- Resistant to chemicals
- Anticorrosive Power
- Abrasion resistance
- Allows high layer thicknesses
- Mixing time: 6h 20°C / 1,5h 40°C

TECHNICAL DATA

Chemical composition	Epoxy resin + Polyamidoamine Ad.		
Colour	Metallic grey		
Density (A+B)	2,46 ± 0,05 g/ml	UNE-EN ISO 2811-1	
Viscosity (Component A)	1200-1800 (mPa.s)	ASTM D 2196-10	
Solids by volume (A+B)	58-63 %	UNE-EN ISO 23811	
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)
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Theoretical performance	6-8 m ² /L - 1-3 m ² /Kg (85 dry microns)
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Drying times	Touch-drying	2 h
	Drying without stickiness	4 h
	Total drying	24 h

Repainting time	Minimum 16 hours
	Maximum 30 days

Dilution	0-5% 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

In 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 lightly before recoating.

UNPAINTED IRON OR STEEL SURFACES

Surfaces must be dry, clean, dust and moisture free and previously prepared by abrasive blasting to SA 2.5 grade according to Swedish standards SIS-05-5900, ensuring that the roughness profile is between 25 and 50 µm. Then apply one or two coats of EPOXI PRIMER 1711 RICA EN ZINC.

PAINTED IRON OR STEEL SURFACES

Not suitable for use. EPOXI PRIMER 1711 ZINC RICH must be in contact with the steel surface to be protected, so in any case the previous paint must be removed and proceed as for new surfaces.

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 5°C above the dew point to reduce the risk of condensation.

APPLICATION SYSTEM

APPLICATION SYSTEM	PRODUCT	PERFORMANCE	DILUTION	LAYERS
PRIMING	ZINC-RICH EPOXY PRIMER 1711	6-8 m2/L - 1-3 m2/ Kg (85 dry microns)	0-5% DEPENDING ON APPLICATION SYSTEM SOLVENT EPOXY COOKER 370	1
INTERMEDIATE PRIMING	EPOXY PRIMER 1516 MICACEOUS IRON	6-8 m2/L - 4-6 m2/ Kg (70 microns dry)	0-20% DEPENDING ON APPLICATION SYSTEM SOLVENT EPOXY 370	1
FINISH	POLYURETHANE 2512	11-13 m2/L - 9-11 m2/ 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 7:1 by weight or 2.1:1 by volume (base:catalyst), stir and wait 10-20 minutes before applying. Use the mixture within 6 hours at 20°C or 1.5 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 0-5% with EPOXI 370 SOLVENT (only small surfaces and patches).

For spray gun application dilute 5% with the same thinner and use 0,48:0 nozzle. 53-pressure 4:6 atm.

For airless spray application, dilute 0.5-1% with the same thinner and use nozzle 0.43:0.65-pressure 120:150atm.

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 covered in this data sheet, consult the appropriate treatment to technical personnel accredited by GRUPO .