PROTEK EPOXI PRIMER 1711 RICA EN ZINC

CERTIFICADO EN 13501-1

SALES FORMAT

KIT: 24 kg

DESCRIPTION

A high-build, zinc-rich epoxy primer offering excellent corrosion protection for steel. Formulated with epoxy-polyamide-amine resin. It combines the hardness of epoxy products with the superior protection offered by zinc-rich primers. Outstanding resistance to water vapour and weathering in complete systems.

SCOPE OF APPLICATION

Outdoors/Indoor

Steel pipes

Tanks

Storage tanks

Chemical plants

Industry in general

PROPERTIES

- Good adhesion and elasticity
- High hardness
- Can be repainted in the long term
- Resistant to chemicals
- Corrosion Protection
- Abrasion resistance
- Allows for high film thicknesses
- Pot life: 6 hours at 20°C / 1.5 hours at 40°C

TECHNICAL DATA

Chemical composition	Epoxy resin + polyamidoamine additive	
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
Volume solids (A+B)	58–63 %	UNE-EN ISO 23811
Fire classification	A2-s1,d0	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	6–8 m²/L – 1–3 m²/kg (85 dry microns)	
Drying times	Touch-dry: 2 h Non-tacky: 4 h Fully dry: 24 h	
Recoating time	Minimum 16 hours / Maximum 30 days	
Dilution	0–5% 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 lightly sand the surface before repainting.

UNPAINTED IRON OR STEEL SURFACES

Surfaces must be dry, clean, free from dust and moisture, and have been prepared by abrasive blasting to grade SA 2.5 in accordance with Swedish standard SIS-05-5900, ensuring that the roughness profile is between 25 and 50 µm. Then apply one or two coats of ZINC-RICH EPOXY PRIMER 1711.

PAINTED IRON OR STEEL SURFACES

Not applicable. EPOXI PRIMER 1711 ZINC-RICH must be in direct contact with the steel surface to be protected; therefore, in all cases, any existing paint must be removed and the surface treated as if it were new.

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

APPLICATION SYSTEM

System	Product	Yield	Dilution	Coats
PRIMING	ZINC-RICH EPOXY PRIMER 1711	6–8 m²/L – 1–3 m²/kg (85 dry microns)	0–5% DEPENDING ON THE APPLICATION SYSTEM: SOLVENT-BASED EPOXY ESTUFA 370	1
INTERMEDIATE PRIMER	EPOXY PRIMER 1516 MICACEOUS IRON	6–8 m²/L – 4–6 m²/kg (70 microns dry film thickness)	0–20% DEPENDING ON THE APPLICATION SYSTEM: SOLVENT-BASED EPOXY 370	1
FINISH	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	2

APPLICATION RECOMMENDATIONS

Product preparation: Stir until the product and its catalyst are thoroughly mixed. Mix in a ratio of 7:1 by weight or 2.1:1 by volume (base:catalyst), stir and leave to stand for 10–20 minutes before application. Use the mixture within 6 hours at 20°C or 1.5 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 0–5% with EPOXY SOLVENT 370 (for small areas and touch-ups only). For application by airbrush, dilute by 5% with the same solvent and use a 0.48:0.53 nozzle at a pressure of 4–6 atm. For application by airless spray gun, dilute by 0.5–1% with the same solvent and use a 0.43:0.65 nozzle at a pressure of 120–150 atm.

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 ºC or falling below 5 ºC 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 technical information contained in this document is provided in good faith, based on laboratory tests and practical experience under normal conditions. However, the data may vary, particularly when the material is tinted or when using intense colours, in which case parameters such as density or solids by volume may be affected without compromising the product's performance. Users are advised to verify the suitability of the product for their specific application and to request the relevant colour safety data sheet from their distributor for reference.