



# IMPRIMACIÓN EPOXI RICA EN ZINC 2C

## 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 + Ad. polyamidoamine	
Colour	Metallic grey	
Density (Component A)	3.14-3.18 g/ml	UNE-EN ISO 2811-1
Density (Component B)	0.94-0.98 g/ml	UNE-EN ISO 2811-1
Viscosity (Component A)	1200-1800 (mPa.s)	ASTM D 2196-10
Solids by volume	60-62%	UNE-EN ISO 23811
VOC	< 500 g/L . Maximum value allowed by the EU: 500 g/L.	2004/42/II A classification (j)
Theoretical performance	6-8 m <sup>2</sup> /L - 1-3 m <sup>2</sup> /Kg (85 dry microns)	
Drying times	<b>Touch-drying</b> 2 h <b>Drying without stickiness</b> 4 h <b>Total drying</b> 24 h	
Repainting time	Self-replenishable for up to 30 days	
Dilution	0-5% depending on application system	
Diluent	TKROM DISOLVENTE EPOXI ESTUFA 370	
Cleaning	TKROM DISOLVENTE EPOXI ESTUFA 370	

## PREPARATION OF THE SUBSTRATE

### GENERAL

Outdoors, do not apply if rain is expected, in full midday sun or on humid days.

### UNPAINTED IRON OR STEEL SURFACES

Surfaces shall be dry, clean, dust and moisture free and pre-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 TKROM IMPRIMACION EPOXI RICA EN ZINC 2C.

### PAINTED IRON OR STEEL SURFACES

Not usable. TKROM IMPRIMACION EPOXI RICA EN ZINC 2C must be in contact with the steel surface to be protected, so in any case the previous paint should be removed and proceed as for new surfaces.

## CONDITIONS OF APPLICATION

<b>Substrate Temp.</b>	Min. + 5°C / Max. + 35°C
<b>Ambient Temperature</b>	5°C / 35°C
<b>Rocio Point</b>	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
<b>PRIMING</b>	TKROM ZINC-RICH EPOXY PRIMER 2C	6-8 m <sup>2</sup> /L - 1-3 m <sup>2</sup> /Kg (85 dry microns)	0-5% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE EPOXI ESTUFA 370	1
<b>INTERMEDIATE PRIMING</b>	TKROM INTERMEDIATE EPOXY PRIMER IRON MICACEOUS 2C	6-8 m <sup>2</sup> /L - 4-6 m <sup>2</sup> /Kg (70 microns dry)	0-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE EPOXI 370	1
<b>FINISH</b>	TKROM ESMALTE POLIURETANO 2C	11-13 m <sup>2</sup> /L - 9-11 m <sup>2</sup> /Kg (40 microns dry)	5-20% DEPENDING ON APPLICATION SYSTEM TKROM DISOLVENTE POLIURETANO 310	2

## RECOMMENDATIONS FOR IMPLEMENTA-

**Product preparation:** 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 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 brush or roller application dilute 0-5% with TKROM DISOLVENTE EPOXI 370 (small surfaces and patches only).

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 to check the suitability of the product for a specific job. For any doubts 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 with technical personnel accredited by the TKROM GROUP.