

# TKROM IMPRIMACION EPOXI RICA EN ZINC 2C

## PRODUCT DESCRIPTION

Epoxy primer with high content of zinc, high thickness and excellent anti-corrosion protection for steel. Produced from epoxy resin based on bisphenol A plus polyamidoamine adduct. It combines the hardness of epoxy products with the superior protection of high-Zn primers. Excellent resistance to water vapour, weather conditions and abrasion.

It provides excellent cathodic protection in dry coats with a thickness of at least 75 µm.



CONTAINER	SIZE
Metal	21 kg (A), 3 kg (B)

## USES / SCOPE OF APPLICATION

- For indoor and outdoor use. Background product in anti-corrosion cycles. Especially suitable for highly demanding installations in terms of resistance to aggressive environments..
- Outdoors/Indoors.
- Steel pipes.
- Tanks.
- Storage tanks.
- Chemical plants.
- General industry purposes.

## CHARACTERISTICS / BENEFITS

- Good adhesive properties.
- High hardness.
- Elasticity.
- Resistant to chemical agents.
- Anti-corrosive action.
- Abrasion and impact resistance.
- Allows for high coat thickness.
- Long lifetime in container without hardening (6 hours at 20°C, 1.5 hours at 40°C).

## PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Gris		
FINISH	Metálico	UNE-EN 13300	

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
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)	ENSAYO INTERNO	
VISCOSITY (COMPONENT B)	2000-5000 (mPa.s)	ENSAYO INTERNO	

tkrom®

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
FIXED VEHICLE IDENTIFICATION	Resina Epoxi basada en Bisfenol A / Aducto de Poliamidoamina		
CONTENT IN NON-VOLATILE MATERIAL (MASS) COMP A	88-90%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME) COMP A	60-62%	UNE-EN ISO 23811	
MAXIMUM ADMISSIBLE COV CONTENT	500 g/L	2004/42/II A clasificación	
MAXIMUM ADMISSIBLE COV CONTENT IN THE PRODUCT	500 g/L	2004/42/II A clasificación	

APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	6-8 m <sup>2</sup> /L	UNE-EN ISO 23811	
THINNING	0-5%		
THINNER	TKROM Disolvente 370 Epoxi-Estufa		

## MEDIUM CONDITIONS

If outside, do not apply if rain is forecast, in strong midday sun or on very humid days.

## MEDIUM PREPARATION

### NON-PAINTED IRON OR STEEL SURFACES

- Surfaces should be dry, clean, dust and moisture free and should be prepared using SA 2.5 grade abrasive blasting, according to Swedish standard SIS-05-5900. The roughness profile should be between 25 and 50 µm. Next, apply one or two coats of TKROM 2C ZINC RICH EPOXY PRIMER.

### PAINTED IRON OR STEEL SURFACES

- Not usable. TKROM 2C ZINC RICH EPOXY PRIMER must be in contact with the steel surface to be protected. Therefore, remove any old paint and proceed as for new surfaces.

tkrom®

## APPLICATION PROCESSES

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	<ul style="list-style-type: none"> <li>· Stir until the product and catalyst are properly homogenised.</li> <li>· Mix in a proportion of 7:1 by weight, or 2:1 by volume (base:catalyst), stir and wait for 10-20 minutes before applying to allow the activation of the reaction to begin, stir again.</li> <li>· Use the mixture within 6 hours at 20°C or 1.5 hours at 40°C.</li> <li>· Stir again at regular intervals.</li> <li>· Adjust viscosity.</li> <li>· Evaporation will take place during prolonged application, so the viscosity will have to be adjusted.</li> </ul>
APPLICATION	<ul style="list-style-type: none"> <li>· It can be applied with a brush, roller, spray gun or airless paint sprayer.</li> <li>· To apply with a brush or roller, dilute 0% to 5% with Tkrom 370 Epoxy Thinner TDS-6919 (only small surfaces and patches).</li> <li>· To apply with a spray gun, dilute at 5% with the same solvent and use a 0.48:0.</li> <li>· 53 nozzle -pressure 4:6 bar.</li> <li>· To apply with a airless gun, dilute at 0.5% - 1% with the same solvent and use a 0.43:0.</li> <li>· 65 nozzle -pressure 120:150 bar.</li> <li>· This is a priming and finishing product and should be exposed to outside air to fulfil its anti-corrosion function.</li> </ul>
TOOL CLEANING	<ul style="list-style-type: none"> <li>· All tools that are used must be cleaned immediately after use with any of the recommended thinners, or with TKROM 302 UNIVERSAL THINNER (TDS-6961).</li> </ul>

## WAIT TIMES

Drying at 20°C and 65% relative humidity: The product is touch dry in 2 hours. Dry for handling in 4 hours. Completely dry in 24 hours.

## SAFETY

Users should refer to the labelling and the latest version of the product's Safety Data Sheet for any information regarding safety issues related to use, storage, transport and waste disposal. The Safety Data Sheet contains all of the physical, environmental and toxicological data on the product, and information on all other issues related to this topic.

SAFETY SHEET	LER CODE	WASTE TYPE
<a href="#">MSDS-6753</a>	08 01 11	HAZARDOUS

## STORAGE

When kept in its original unopened container at room temperatures below 30°C and above 5°C, the product will remain stable for 12 months from the date of manufacture.

It should be stored in a cool, dry place, in its original properly sealed and undamaged container, protected from frost and direct sunlight.

## TARIFF HEADING

TARIC code: 3208 90 91

**Note:** The data presented in this technical data sheet may be modified based on possible changes in formation. In any case, values are provided for information purposes only, and the suitability of the product for a certain job should always be tested.