

# TKROM GLASS IMPRIMACION 2C

## PRODUCT DESCRIPTION

Two-component, anti-corrosive and in-depth adhesion primer for all types of metal, glass, ceramic, polyester, concrete surfaces, etc. Formulated with bisphenol A epoxy resins plus aliphatic polyamine adduct. Provides excellent adhesion to cement rendering, concrete, galvanised steel, stainless steel, aluminium, copper and light alloys, such as glass, ceramics, etc. Maximum hardness and resistance to abrasion and to chemical agents or aggressive environments.



## USES / SCOPE OF APPLICATION

- In-depth adhesion for surfaces that are difficult to paint. Especially suitable for protection of highly demanding installations in terms of resistance to highly aggressive environments..
- Cement.
- Concrete.
- Galvanised steel.
- Stainless steel.
- Aluminium.
- Copper.
- Light alloys.
- Glass.
- Ceramics.

CONTAINER	SIZE
Metal	1,25 kg (A+B)
Metal	4 kg (A), 1 kg (B)
Metal	12 kg (A), 3 kg (B)

## CHARACTERISTICS / BENEFITS

- Very good adhesive properties.
- High hardness.
- Elasticity.
- Resistant to chemical agents.
- Abrasion and impact resistance.

## PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Blanco y colores s/muestra		

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY (COMPONENT A)	1,62-1,66 g/ml	UNE-EN ISO 2811-1	<a href="#">IL-6704-06</a>
DENSITY (COMPONENT B)	0,92-0,96 g/ml	UNE-EN ISO 2811-1	
VISCOSITY (COMPONENT A)	82-92 KU	UNE 48076	<a href="#">OTEC-08031</a>

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
FIXED VEHICLE IDENTIFICATION	Resina Epoxi basada en Bisfenol A / Aducto de Poliamida alifático	UNE 48236	<a href="#">OTEC-08031</a>
CONTENT IN NON-VOLATILE MATERIAL (MASS)	76-78%	UNE-EN ISO 3251	<a href="#">OTEC-08031 / IL-6706-10</a>
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	58-62%	UNE-EN ISO 23811 / UNE 48090	<a href="#">OTEC-08031</a>
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	
CLOSED CONTAINER FLASH POINT	> 23 °C	UNE-EN 456	<a href="#">OTEC-08031</a>

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APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	6-8 m <sup>2</sup> /L - 3-5 m <sup>2</sup> /kg a 75µm secas	UNE-EN ISO 23811	
DRY TO TOUCH TIME	15 min	UNE 48301	<a href="#">OTEC-08031</a>
TOTAL DRYING TIME	6 h 15 min	UNE 48301	<a href="#">OTEC-08031</a>
THINNING	5-15%	SEGÚN SISTEMA APLICACION	
THINNER	TKROM Disolvente 370 Epoxi-Estufa		
USEFUL LIFE OF THE MIXTURE	> 4 horas		<a href="#">OTEC-08031</a>

SPECIFIC PROPERTIES	VALUE	STANDARD	REPORT
PERSOZ HARDNESS	168 s.	UNE-EN ISO 1522	<a href="#">OTEC-08031</a>
SOLVENT RESISTANCE	OK	UNE-EN ISO 2812-1	<a href="#">OTEC-08031</a>
SALINE FOG RESISTANCE	500 horas	UNE-EN ISO 7253	<a href="#">OTEC-08031</a>
CLASSIFICATION FOR LEAD AND CHROMATE-FREE ANTI-CORROSIVE EPOXY PRIMER	TIPO 2	UNE 48271	<a href="#">OTEC-08031</a>

### 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

- Use appropriate metal spatulas or brushes to remove any rust and rolling residues; degrease and clean away any dust and dirt, and sand carefully to remove all rust residues from the surface; if necessary, use sand blasting down to Sa 2 1/2. Then, apply one or two coats of TKROM 2C GLASS PRIMER.

#### PAINTED IRON OR STEEL SURFACES

- Remove layers of paint that are not perfectly bonded and then proceed as indicated for unpainted iron surfaces.

#### GALVANISED, ALUMINIUM AND OTHER DIFFICULT SURFACES

- Degrease and clean the surface with an alkaline solution or Tkrom 2C Epoxy Solvent TDS-6919. Light sanding is advisable on excessively glossy surfaces, if possible. Apply a coat of TKROM 2C GLASS PRIMER.

#### CONCRETE OR CEMENT SURFACES

- clean the surface and apply one or two coats of TKROM 2C GLASS PRIMER. In the case of floors, the pores of the surface should be opened using chemical or mechanical means.

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## 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 4:1 by weight, or 4:1.5 by volume (base:catalyst), stir and wait for 10-20 minutes before applying to allow the activation of the reaction to begin.</li> <li>· Use the mixture within 8 hours at 20°C or 2 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>· If applying with a brush or roller, dilute by 0%-10% using TKROM 370 Epoxy Thinner TDS-6919.</li> <li>· If applying with a spray gun, dilute to a viscosity of 28-32 seconds in a No. 4 Ford cup, with 10-20% of the same thinner.</li> <li>· If applying with an airless paint sprayer, dilute to a viscosity of 60 seconds in a No. 4 Ford cup, with 5-10% of the same thinner.</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 dust free dry in 45 minutes. Tack free after 4 hours. Through dry in 6-8 hours. Completely dry in 7 days. It can be painted over after 18 hours, and within a maximum of 48 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-6754</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.

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