

# TKROM BARNIZ ANTIGRAFITI 2C

## PRODUCT DESCRIPTION

Transparent, colourless, glossy varnish, from hydroxylated acrylic resin and aliphatic isocyanate for protection against graffiti.

## USES / SCOPE OF APPLICATION

- For indoor and outdoor use. Facilitates cleaning of graffiti and protection of different types of surfaces: brick, stone, concrete, painted walls. Not recommended for application on unprepared timber or metal or very porous surfaces.

## CHARACTERISTICS / BENEFITS

- Elasticity.
- Resistant to weather conditions.
- Abrasion and impact resistance.
- Chemical resistance.
- Excellent hardness.
- It does not yellow.
- Does not form globes.
- Odourless after drying.
- Very good adhesive properties.



CONTAINER	SIZE
Metal	750 mg (A B)
Metal	3 kg (A B)

## PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Incoloro		
FINISH	Brillante Satinado Mate		

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY (COMPONENT A)	GLOSSY = 1,00-1,04 g/ml SATIN = 1,03-1,07 g/ml MATTE = 1,11-1,15 g/ml	UNE-EN ISO 2811-1	
DENSITY (COMPONENT B)	1,00-1,04 g/ml	UNE-EN ISO 2811-1	
VISCOSITY (COMPONENT A)	90-100 KU	ENSAYO INTERNO	

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
FIXED VEHICLE IDENTIFICATION	Acrílico hidroxilado + Poliisocianato alifático		
CONTENT IN NON-VOLATILE MATERIAL (MASS) COMP A	GLOSSY = 57-59% SATIN = 59-61% MATTE = 62-64%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME) COMP A	GLOSSY = 50-52 % SATIN = 51-53 % MATTE = 52-54 %	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	9-11 m <sup>2</sup> /L a 45µm secas	UNE-EN ISO 23811	
THINNING	0-10%	SEGÚN SISTEMA APLICACIÓN	
THINNER	TKROM Disolvente 310 Poliuretano / TKROM Disolvente 315 Poliuretano Especial		

## MEDIUM CONDITIONS

If outside, do not apply if rain is forecast, in strong midday sun or on very humid days. Excessive moisture affects both the strength of the dry film and the appearance. Moisture has a negative effect on the base component and the catalyst, partially inhibiting polymerisation. It is very important to control it.

For very porous materials, before applying the matte or satin finishes, it is essential to apply an initial coat of sealant with gloss finish. This is because the matting waxes may not penetrate the substrate and remain on the surface, forming an opalescent film.

CONDITION	VALUE
Substrate temperature	Between 5°C and 35°C.
Ambient temperature	Between 5°C and 35°C.
Substrate humidity	Dry medium surface with humidity < 10%
Dew point	The substrate must be at least 3º above the dew point to reduce the risk of product detachment or efflorescence of the coating on walls and floors due to condensation. In high ambient temperature and low relative humidity conditions, the probability of efflorescence in the finish increases.

## MEDIUM PREPARATION

### NON-PAINTED OR NEW SURFACES

- Surfaces should be degreased, clean and dry.
- Concrete and cement:
  - remove any loosely attached areas, cement slurries, etc. and apply directly.

### ALREADY PAINTED SURFACES

- If the old paint is in good condition, clean and sand the surface and check that the TKROM 2C ANTI-GRAFFITI VARNISH does not soften or wrinkle it. If it does soften or wrinkle it, remove it completely and proceed as with new surfaces.

### UNADVISABLE SURFACES

- Damp, metal and unpainted wood surfaces, and porous surfaces.

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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 2:1 by weight (base:catalyst), stir and wait for 20 minutes before application to allow the activation of the reaction to begin.</li> <li>· Use the mixture within 6 hours at 20°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>· Thinning is not required when using a brush or roller for application.</li> <li>· If applying with a spray gun, dilute to a viscosity of 28-32 seconds in a No. 4 Ford cup, with 5%-10% of TKROM 310 Polyurethane Thinner TDS-6903.</li> <li>· If applying with an airless paint sprayer, dilute to a viscosity of 60 seconds in a No. 4 Ford cup, with 0-5% 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 dries in 5-6 hours. It can be painted over after 16 hours, and within a maximum of 48 hours (after this time, it is necessary to sand between coats).

## 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-6858</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.