

TKROM IMPRIMACION POLIURETANO 2C

PRODUCT DESCRIPTION

Background primer, two-component, based on hydroxyl acrylic paints and aliphatic isocyanate, very good adhesive properties, hardness, sealing power and easy to sand. Suitable for application on a wide array of plastic, metal and construction surfaces.



USES / SCOPE OF APPLICATION

- Background coat for polyurethane finishes.
- Structures in chemical industries.
- Floors.
- Sea facilities.

CONTAINER	SIZE
Metal	21 kg (A+B)

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.

PRODUCT PROPERTIES

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

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY (COMPONENT A)	1,41-1,45 g/ml	UNE-EN ISO 2811-1	
DENSITY (COMPONENT B)	0,90-0,98 g/ml	UNE-EN ISO 2811-1	
VISCOSITY (COMPONENT A)	61-69%	ENSAYO INTERNO	
VISCOSITY (COMPONENT B)	10-30 segundos (copa Ford nº4)	ENSAYO INTERNO	

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
FIXED VEHICLE IDENTIFICATION	Acrílico hidroxilado + Poliisocianato alifático		
CONTENT IN NON-VOLATILE MATERIAL (MASS) COMP A	61-69%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME) COMP A	47-49%	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 ² /L	UNE-EN ISO 23811	
THINNING	5-15%	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.

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. Next, apply one or two coats of TKROM 2C Aliphatic Polyurethane Primer. After the established time, apply one or two coats TKROM 2C POLYURETHANE ENAMEL.

PAINTED IRON OR STEEL SURFACES

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

CONCRETE OR CEMENT SURFACES

- Apply one or two coats of TKROM Aliphatic Polyurethane Bonding Product TDS-6851. In the case of floors, the pores of the surface should be opened using chemical or mechanical means.

APPLICATION PROCESSES

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	<ul style="list-style-type: none"> · Stir until the product and catalyst are properly homogenised. · Mix in a proportion of 6:1 by weight (base:catalyst), stir and wait for 10 minutes before application to allow the activation of the reaction to begin. · Use the mixture within 4 hours at 20°C. · Stir again at regular intervals. · Adjust viscosity. · Evaporation will take place during prolonged application, so the viscosity will have to be adjusted.
APPLICATION	<ul style="list-style-type: none"> · It can be applied with a brush, roller, spray gun or airless paint sprayer. · If applying with a brush or roller, dilute by 5-10% using TKROM 310 Polyurethane Thinner TDS-6903. · If applying with a spray gun, dilute to a viscosity of 28-32 seconds in a No. 4 Ford cup, with 15-25% of the same thinner. · 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.
TOOL CLEANING	<ul style="list-style-type: none"> · 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).

WAIT TIMES

Drying at 20°C and 65% relative humidity: The product is touch dry in 20-30 minutes. Tack free after 2 hours. Through dry 6 hours. Completely dry in 7 days. It can be painted over after 16 hours, and within a maximum of 4 days.

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
MSDS-6851	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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