

TKROM ESMALTE EPOXI SUELOS AGUA 2C



PRODUCT DESCRIPTION

Low-thickness coating with a water base for floors. Produced from epoxy resin based on bisphenol A plus amine adduct. Excellent hardness, abrasion, scratching and chemical resistance properties and completely rot resistant. Smooth, satin gloss aspect and breathable.

USES / SCOPE OF APPLICATION

- For indoor use. Suitable for painting food industry and bathroom surfaces. It can be used in poorly ventilated enclosures and only slightly damp surfaces. Suitable to treat floor surfaces in:

- Garages.
- Wine cellars.
- Slaughterhouses.
- Industrial units.
- Farms.
- Workshops.
- Cellars.
- Healthcare facilities.

CONTAINER	SIZE
Plastic	12 kg (A+B)

CHARACTERISTICS / BENEFITS

- Very good adhesive properties.
- High hardness.
- Elasticity.
- Resistant to chemical agents.
- Resistant to cleaning products.
- Abrasion and impact resistance.
- Good lifetime without hardening in the container (1.5-2 hours).
- Can be painted over after a minimum of 12 hours, and within 24 hours..
- Safe to pass by after 48 h.
- Optimal ease of application.
- Good yield.
- Odourless when dry.
- Does not favour the appearance of algae and moulds.
- Anti-dust.
- Good resistance to water.

PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Blanco y colores s/muestra		
FINISH	Mate	UNE-EN 13300	

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY (COMPONENT A)	1,70-1,74 g/ml	UNE-EN ISO 2811-1	
DENSITY (COMPONENT B)	1,10-1,20 g/ml	UNE-EN ISO 2811-1	
VISCOSITY (COMPONENT A)	2000-4000 mPa.s	ASTM D 2196-10	
VISCOSITY (COMPONENT B)	500-650 mPa.s	ENSAYO INTERNO	

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REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
FIXED VEHICLE IDENTIFICATION	Resina epoxi basada en Bisfenol A + Aducto de amina		
CONTENT IN NON-VOLATILE MATERIAL (MASS) COMP A	71-73%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME) COMP A	50-52%	UNE-EN ISO 23811	
MAXIMUM ADMISSIBLE COV CONTENT	140 g/L	2004/42/II A clasificación	
MAXIMUM ADMISSIBLE COV CONTENT IN THE PRODUCT	140 g/L	2004/42/II A clasificación	

APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	6-8 m ² /L - 3-5 m ² /kg a 75µm secas	UNE-EN ISO 23811	
THINNER	AGUA		

MEDIUM CONDITIONS

MEDIUM PREPARATION

NEW CONCRETE OR CEMENT SURFACES

- On new surfaces, ensure that the concrete has matured for a minimum of three weeks. Ensure that the surface to be painted is as clean as possible, by removing dust, dirt, grease stains, oils stains, etc. It does not matter if the underlying layer is moderately moist. The pores of the surface to be coated must always be open. If they are not, they must be opened by shot-blasting or grinding. Next, apply two coats of TKROM WATER BASED FLOORS EPOXY 2C

OLD OR ALREADY PAINTED SURFACES

- If existing coatings do not have proven good adhesion, use a mechanical treatment to remove them. If removal is not considered necessary, use shot blasting, grinding or thorough sanding to open the pores.
- As the surface in question is not new or in very good condition, a first coat of TKROM 3C WATER-BASED EPOXY PRIMER TDS-5501 should be applied, followed by two coats of TKROM WATER-BASED FLOORS EPOXY 2C after 24 hours, and within a maximum of 48 hours.
- In both cases, the product should be diluted with water, which is added once components A and B have been mixed together.

APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
PRIMING	TKROM 3C WATER-BASED EPOXY PRIMER TDS-5501	0.250-0.300 kg/m ² equivalent to 6-8 m ² /L	PRODUCT USE IN A 2/1/1 MIXTURE RATIO BY WEIGHT	1

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APPLICATION PROCESSES

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	<ul style="list-style-type: none"> · Add the catalyst to the pigmented base, mix with a mechanical stirrer at low speed until the mixture is perfectly homogenised and leave to rest for 5 minutes before application. · Mix in a proportion of 5:1 by weight (base:catalyst). · To thin with water, add the water after mixing components A and B.
APPLICATION	<ul style="list-style-type: none"> · It can be applied with a short hair brush or roller. · The product should not be applied once the indicated Pot-life time of 1.5-2 hours has elapsed.
TOOL CLEANING	<ul style="list-style-type: none"> · Tools should be cleaned with water immediately after use.

WAIT TIMES

Drying at 20°C and 65% relative humidity: The product is touch dry in 1-3 hours. Tack free in 2-3 hours. Wear resistant after 48 hours. Completely dry in 7 days. It can be painted over after 12-24 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
MSDS-5553	08 01 12	NON-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: 3209 90 00

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.

