



TKROM BARNIZ AUTONIVELANTE 100% SOLIDOS 2C

SALES FORMAT

KIT : 12 Kg

DESCRIPTION

Solvent-free, two-component, self-levelling epoxy varnish for the protection and decoration of concrete floors. Highly transparent and penetrating, can be used as an anchoring coat, even on poorly prepared surfaces. Formulated to be resistant to crystallisation and low yellowing.

SCOPE OF APPLICATION

Inside
Concrete and cement
Food industries
Sanitary enclosures
Outdoor use if coated
Dry support
Anchoring layer

PROPERTIES

- High transparency
- Excellent adhesion
- High penetration power
- High hardness and elasticity
- Resistant to chemicals
- Impact resistance

TECHNICAL DATA

Chemical composition	Epoxy resins	
Colour	Colourless	
Brightness	Brilliant	ISO 2813
Density (mixed)	1,08 ± 0,05 g/ml	UNE-EN ISO 2811-1
Viscosity (mixed)	650 ± 300 mPa-s	ASTM D 2196-10
Solids by volume	100%	UNE-EN ISO 23811
Mixing life (10°C)	1 hour	
Mixing life (20°C)	40 minutes	
Mixing life (30°C)	30 minutes	
VOC	0 g/L . Maximum value allowed by the EU: 500 g/L.	2004/42/II A classification (j)

Drying times	Touch-drying	40-60 minutes
	Deep drying	2-3 hours
	Full cure	7 days
	Repainting 12-24 hours	
	Light traffic: 24 hours	
	Heavy traffic: 72 hours	
Theoretical performance	5-6 m ² /Kg (150 microns dry)	
Theoretical performance	2-3 m ² /Kg (300 microns dry)	
Cleaning	TKROM DISOLVENTE EPOXI 370 or TKROM INDUSTRIAL SOLVENT 375	

PREPARATION OF THE SUBSTRATE

GENERAL

The surfaces to be protected must be clean, dry and free of dust, grease or dirt. Depending on the condition of the substrate, they must be prepared mechanically until an open-pored, slightly textured, matt substrate is obtained.

Product preparation:

Stir the base with low speed mechanical means and add the catalyst while stirring until the product is well homogenised. Mix in a 2:1 ratio by weight (base: catalyst) and apply. In case of mixing with aggregate, add the aggregate after the base and catalyst mixture little by little while stirring the mixture and avoiding the incorporation of air, until a homogeneous mixture is obtained.

Method of application:

It can be applied by brush, roller or notched trowel and deaerated with a nylon spiked roller. The remaining coats should be applied before the product has fully cured when used as a primer. The product should be applied at temperatures above 10°C, on a dry substrate and at temperatures at least 3°C above the dew point.

Cleanliness:

The tools used must be cleaned immediately after use with TKROM Solvent 370 Epoxy-Stove or TKROM Industrial Epoxy Solvent 375.

CONDITIONS OF APPLICATION

Substrate Temp.	Min. + 10°C / Max. + 35°C
Ambient Temperature	10°C / 35°C
Rocio Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of detachment or efflorescence.

APPLICATION SYSTEM

APPLICATION SYSTEM	PRODUCT	PERFORMANCE	DILUTION	LAYERS
COATING (interiors)	TKROM BARNIZ AUTONIVELANTE TR 100%	5 - 6 m ² /Kg	N.A	1 o 2
FINISHING (interiors)	TKROM BARNIZ AUTONIVELANTE TR 100%	2 - 3 m ² /Kg	N.A	1 o 2
FINISHING (interiors)	TKROM ESMALTE EPOXI 2C AUTONIVELANTE S/D	1,5 -3 m ² /Kg	N.A	1 o 2

ADDITIONAL DATA

Health and safety

For any information concerning safety issues in the use, storage, transport and disposal of this product, users should refer to the labelling and the most recent version of the MSDS, which contains physical, ecological, toxicological and other relevant data. WASTE: HAZARDOUS. LER CODE: 080111

Storage

The stability of the product in its original unopened containers, at ambient temperatures of not more than 30 °C and not less than 5 °C shall be 12 months from the date of manufacture. Storage shall be in a cool, dry place, in their original containers, tightly closed, undamaged and protected from frost and direct sunlight.

Tariff heading

TARIC code: 3907 30 00

Note

Note: The data indicated in this technical data sheet may be modified according to possible variations in formulation and in any case express indicative values that do not exempt from carrying out the appropriate tests to check the suitability of the product for a specific job. For any doubts regarding the treatment of the surfaces mentioned above or for the painting of other specific materials not covered in this data sheet, consult the appropriate treatment with technical personnel accredited by the TKROM GROUP.