



BARNIZ EPOXI ANTIPOLVO 2C

SALES FORMAT

KIT: 12Kg

DESCRIPTION

Two-component colourless varnish based on epoxy-polyamidoamine resins which, when dry, forms a hard, compact, glossy and waterproof film with high adhesion. It has very good resistance to abrasion, to fresh and salt water, to solvents and lubricating oils, as well as to diluted solutions of acids and alkalis. Suitable for consolidating degraded wall surfaces, and for protecting and waterproofing industrial floors and cement mortar wall surfaces.

SCOPE OF APPLICATION

Inside
Degraded surfaces
Soils
Parameters
Industrial flooring
Wall surfaces
Cement mortars

PROPERTIES

- Very high adhesion
- High impregnation capacity
- High hardness and elasticity
- Chemical resistant
- Abrasion resistance
- Impact resistance
- Mixing time: 8h 20°C/ 2h 40°C

TECHNICAL DATA

Chemical composition	Epoxy resin + Ad.amine	
Colour	Colourless	
Finishing	Brilliant	
Density (Component A)	1,00 ± 0,05 g/ml	UNE- EN ISO 2811-1
Viscosity (Component A)	70-90 KU	UNE 48076
Solids by volume	44 ± 2%	UNE-EN ISO 23811
VOC	< 500 g/L . Maximum value allowed by the EU: 500 g/L.	2004/42/II A classification (j)
Theoretical performance	11-13 m ² /Kg (40 microns dry)	
Drying times	Touch-drying	45 minutes
	Drying without stickiness	2-3 hours
	Full cure	7 days
	Recoating min. 12 hours, max. 24 hours Passable after 48 hours	
Dilution	10-30% depending on application system	
Diluent	TKROM SOLVENT 370 EPOXY COOKER TOP	
Cleaning	TKROM SOLVENT 302 UNIVERSAL NC	

PREPARATION OF THE SUBSTRATE

GENERAL

Outdoors, do not apply if rain is expected, in full midday sun or on humid days.

VERTICAL SURFACES OR CONCRETE OR CEMENT FLOORS

It is important to consider that the moisture content of the substrate should be less than 5%. This humidity can come from different sources: from the concrete not having finished setting (wait at least four weeks), from cleaning by surface wetting, which, given two days of drying time, will be sufficient, and the least controllable, which comes from the water table, and which will oscillate up and down, depending on rainfall, nearby watercourses and environments where water flows are channelled that may affect the substrate. In the latter case, it will be difficult to solve the problem. The result of application in the face of the problems described will be surface glazes that may include chalking, stickiness due to migration of the catalyst to the surface and blistering of considerable diameter.

CONDITIONS OF APPLICATION

Substrate Temp.	Min. + 5°C / Max. + 35°C
Ambient Temperature	5°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
VARNISH	TKROM BARNIZ EPOXI ANTIPOLVO 2C	11-13 m ² /Kg (40 microns dry)	10-30% DEPENDING ON APPLICATION SYSTEM	1 o 2

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RECOMMENDATIONS FOR IMPLEMENTATION

Product preparation: Stir until a good homogenisation of the mixture is achieved. Mix in a ratio of 2:1 by weight, stir and wait 10 minutes before application to allow the reaction to start activating. Use the mixture within 8 hours at 20°C or 2 hours at 40°C. Re-stir periodically. Adjust viscosity.

Method of application: It can be applied by brush or roller.

For first coat application dilute between 70-90% (10-15 seconds F4/20) with TKROMDISOLVENTE 370 EPOXI ESTUFA.

For second coat application dilute 30-50% (20-25 seconds F4/20) with the same thinner.

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: 3208 90 91

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.