



PAREDES EPOXI AL AGUA 2C

SALES FORMAT

KIT: 21 kg



DESCRIPTION

A thin-film paint for protecting plastered or cement-rendered walls, as well as concrete or sprayed plaster surfaces. Formulated with epoxy resin and an amine adduct. It has a low-gloss or semi-matt finish, is smooth, fine and uniform, with very low yellowing, excellent coverage and is easy to apply. It can be applied directly or over TKROM 3C WATER-BASED PRIMER. Suitable for painting surfaces in the food industry and healthcare facilities. It can be applied in poorly ventilated areas and on slightly damp substrates. It is suitable for farms, abattoirs, wine cellars, garages, workshops, etc.

SCOPE OF APPLICATION

- Indoor
- Walls: plaster, cement, concrete
- Wine cellars, Garages
- Slaughterhouses
- Farms
- Industrial buildings
- Workshops
- Basements

PROPERTIES

- Very high adhesion
- High hardness and elasticity
- Resistance to chemical agents
- Abrasion resistance
- Impact resistance
- Dust-proof
- Good performance
- Pot life: 2-2.5 hours at 20°C

TECHNICAL DATA

Chemical composition	Epoxy resin + amine additive	
Colour	White and colours	
Finish	Semi-matte	
60° gloss:	5 ± 2	ISO 2813
Gloss 85°:	23 ± 5	ISO 2813
Density (Component A)	1.85 ± 0.05 g/ml	UNE-EN ISO 2811-1
Viscosity (Component A)	3 ± 2 Pa·s (20 rpm)	ASTM D 2196-10
Volume solids	53 ± 2%	UNE-EN ISO 23811
Fire classification	A2-s1, d0	UNE-EN 13501-1 (5238T24-2)
VOC	< 10 g/L. Maximum value permitted by the EU: 140 g/L	2004/42/II Category (j)
Theoretical coverage	12-14 m²/L – 6-8 m²/kg (40 dry microns)	
Drying times	Touch-dry: 1-3 hours	
	Drying to a non-tacky finish: 2-3 hours	
	Full cure: 7 days	
Recoating time	12-24 hours	
Dilution	5-20 per cent depending on the application method	
Thinner	Tap water	
Cleaning	Water	

The technical data specified may vary if the material is tinted.

PREPARATION OF THE SUBSTRATE

GENERAL INFORMATION

Outdoors, do not apply if rain is forecast, in full midday sun or on damp days. Although its physical and chemical resistance to outdoor conditions is unrivalled, bear in mind that surface chalking may occur, and the integrity of the colour and gloss cannot be guaranteed; therefore, for high-performance outdoor finishes, TKROM ESMALTE POLIURETANO 2C should be used.

CONCRETE OR CEMENT SURFACES

On new surfaces, ensure the concrete has cured for at least four weeks. The surface to be painted must be thoroughly cleaned, removing dust, dirt, grease stains, oil, etc. It does not matter if the substrate has a moderate level of moisture. The pores of the surface to be coated must always be open; if they are not, they must be opened by mechanical treatment. Then apply two coats of TKROM ESMALTE EPOXI 2C AL AGUA.

EXISTING OR PREVIOUSLY PAINTED SURFACES

If the existing coatings do not demonstrate good adhesion, remove them by mechanical means; if removal is not deemed necessary, open the pores by shot blasting, grinding or thorough sanding. As this is not a new surface or one in very good condition, apply a first coat of TKROM 3C WATER-BASED EPOXY PRIMER and, after a minimum of 24 hours and a maximum of 48 hours, apply two coats of TKROM WATER-BASED 2C EPOXY WALL ENAMEL. In both cases, the product must be diluted with water; add the water after mixing components A and B.

APPLICATION CONDITIONS

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

APPLICATION SYSTEM

System	Product	Yield	Dilution	Coats
PRIMING	TKROM 3C WATER-BASED EPOXY PRIMER	8-10 m²/kg (40 dry microns)	5-15% DEPENDING ON THE APPLICATION METHOD TAP WATER	1 or 2
FINISH	TKROM ESMALTE EPOXI 2C WATER-BASED	12-14 m²/L - 6-8 m²/kg (40 microns dry film thickness)	5-20% DEPENDING ON THE APPLICATION METHOD TAP WATER	1 or 2

APPLICATION RECOMMENDATIONS

Product preparation:	Add the catalyst to the base, mixing them with a mechanical stirrer at low speed until thoroughly blended, and allow 5 minutes to elapse before application. Mix in a ratio of 6:1 by weight (base:catalyst). For dilution with water, add the water after mixing.
Application method:	It can be applied with a brush or a short-pile roller. The product must not be applied once the specified pot life of 2-2.5 hours at 20°C has elapsed.

ADDITIONAL INFORMATION

Health and safety

For any information regarding safety issues relating to the use, storage, transport and disposal of waste from this product, users should consult the labelling and the latest version of the Safety Data Sheet, which contains physical, ecological and toxicological data, as well as other relevant information on this subject.

WASTE: HAZARDOUS

LER CODE: 080111

Storage

The product will remain stable in its original, unopened packaging at ambient temperatures not exceeding 30 °C or falling below 5 °C for 12 months from the date of manufacture. The product must be stored in a cool, dry place, in its original, tightly sealed, undamaged packaging, protected from frost and direct sunlight.

Tariff heading

TARIC code: 3209 90 00

Note

The data provided in this technical data sheet may be subject to change depending on possible variations in formulation and, in any case, represent indicative values which do not exempt the user from carrying out the necessary tests to ensure the product is suitable for a specific job. For any queries regarding the treatment of the surfaces mentioned above or the painting of other specific materials not covered in this data sheet, please consult GRUPO TKROM's accredited technical staff for the appropriate treatment. The product must not be applied once the specified pot life of 2-2.5 hours at 20°C has elapsed.