



SUPERCARRARA MATE MINERAL

SALES FORMAT

15L, 4L, 1L




DESCRIPTION

Acrylic façade coating with a mineral matte finish, suitable for achieving high-quality finishes and an elegant matte effect. A fine-textured coating that is pleasant to the touch, does not yellow and offers excellent coverage. High resistance to rubbing and to the alkalinity of common substrates. Excellent adhesion to a variety of substrates. This product forms part of the TKROMATIC System, offering a wide range of colours.

SCOPE OF APPLICATION

Outdoors. Indoor and outdoor wall surfaces and general DIY.


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EUPINCA S.A. C/ LONDRES, 13 POL. IND. CABEZO BEAZA 30353 – TORRECIEGA CARTAGENA
Nº CERTIFICADO: 1170/CPR/ER.03587 EN 1504-2:2004
TKROM SUPERCARRARA MATE MINERAL REVESTIMIENTOS PARA PROTECCIÓN SUPERFICIAL USOS: PROTECCIÓN CONTRA LA PENETRACIÓN AUMENTO DE LA RESISTIVIDAD CONTROL DE LA HUMEDAD

PROPERTIES

- Weather-resistant
- Anti-carbonation
- Good water vapour permeability
- Waterproof against rainwater
- Alkali-resistant
- Resistance to chalking
- High elasticity
- Excellent adhesion
- Does not yellow
- Lightfast solid colours
- Easy to apply
- Contains an ANTIMOLD and anti-algae preservative

TECHNICAL DATA

CLASSIFICATION IN ACCORDANCE WITH UNE-EN-1062

Finish	G3 MATTE	UNE-EN 1062-1
Gloss 85°	< 3	ISO 2813
Dry film thickness	E2 (50–100 microns per coat)	UNE-EN 1062-1
Maximum particle size	S1 (<100 microns) Fine	ISO 1524
Water vapour permeability	V2 (medium): >15; <150 g/(m² d)	ISO 7783-2
Permeability to liquid water	W3 (low) < 0.1 kg/(m²·h ^{0.5})	UNE-EN 1062-3
CO ₂ permeability	C1 Sd > 50 m	UNE-EN 1062-6
Chemical composition	A pure acrylic polymer dispersion	
Colour	Calibrated white and transparent base	
Theoretical coverage	Class 1 (99.5%) 4 m²/L at 98 dry microns	ISO 6504-3
Density	1.44 ± 0.05 g/mL	ISO 2811-1
Viscosity	8 ± 3 Pa·s (20 rpm, R6)	ASTM D 2196-10
Volume solids	41 ± 2%	ISO 23811
VOC	<40 g/L. Maximum permitted by the EU: 40 g/L	2004/42/II A Classification (c)
Diluents	Tap water	
Dilution	0–10%, depending on the application method	
Recoating time	4–6 hours	
Drying time	Touch-dry: 30 mins / Fully dry: 20–30 days / Washable: 25–30 days	UNE 48301
Cleaning	Water	

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

SUBSTRATE PREPARATION

GENERAL RECOMMENDATIONS

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

UNPAINTED OR NEW SURFACES:

Outdoors, clean the entire surface using mechanical methods, such as high-pressure water jetting. The surface must be consistent and firm, with no tendency to crumble or flake off. If necessary, repair the substrate using the appropriate products from the TKROMPLAST range. To even out absorption and consolidate the surface, apply one coat of TKROM FIJATIVO F-1 or TKROM FIJATIVO F-4.

ALREADY PAINTED SURFACES:

Outdoors, clean the entire surface using mechanical methods, such as high-pressure water jetting. Ensure that the substrate is sound and firm. Check the condition of the existing paintwork, removing any cracked and/or poorly adhered areas. Repair any imperfections and proceed as indicated for new surfaces.

SPECIAL CONSIDERATIONS FOR SURFACES IN GOOD CONDITION

CONCRETE

The surface must be dry and have undergone the necessary air-curing period (minimum 4 weeks). The substrate must comply with the requirements of the concrete standard UNE-EN ISO 1504-2, specifically the performance requirements for coatings.

MORTARS AND FIBRE-REINFORCED CEMENT

Removal of efflorescence and alkalinity using suitable products, for example, treatment with hydrochloric acid (sulfuric acid) diluted with 10 parts water.

POROUS PLASTERS:

To prevent excessive absorption during subsequent painting, apply one coat of TKROM FIJATIVO F-4.

FRAGILE PLASTERS:

To strengthen the outer layer by creating a resin matrix that also allows vapour to pass through, reduces absorption and facilitates subsequent painting, apply one coat of TKROM FIJATIVO F1.

PLASTERS AND RENDERING:

The condition of the substrate must comply with the UNE-EN 998-2 standard for mortars, and in accordance with its specifications, the adhesion value to the substrate must meet the requirements specified in the substrate manufacturer's CE marking. Under no circumstances should it be less than 0.2 N/mm². The average value should be 0.3 N/mm².

ANTIQUE PAINTS:

It is important to assess the condition of the existing coating. The minimum adhesion value of the existing coating must not be less than 0.7 N/mm², and the average value from sampling must be greater than 1 N/mm² (standard UNE-EN ISO 1504-2). Thoroughly clean the entire surface using a steam jet or high-pressure water jet. In the case of glossy paints, open the pores using mechanical means and proceed as with new surfaces.

SPECIAL CONSIDERATIONS FOR SURFACES IN POOR CONDITION:

DARKENING CAUSED BY MOULD AND ALGAE:

Proceed to remove and disinfect the stains by scrubbing them vigorously with a brush using household bleach. Next, treat the surface with TKROM LIMPIADOR REFORZANTE and then apply one coat of TKROM IMPRIMACIÓN SELLADORA-SANEADORA.

SALITRE:

Remove by scraping with a brush or sanding with suitable machinery, followed by chemical treatment with hydrochloric acid (Salfumán) diluted with 10 parts water. Then treat with TKROM FIJATIVO F-1 or TKROM FIJATIVO F-4.

RUST STAINS ORIGINATING FROM SLABS:

Application of two coats of TKROM SUPERLITE ANTIMANCHAS.

OLD PAINT COATS WITH POOR ADHESION:

If adhesion is less than 0.7 N/mm² (UNE-EN ISO 1504-2 standard), use suitable mechanical methods to remove the old paint. The substrate must be properly prepared to accept the new finish. Then proceed as for new substrates.

SUBSTRATE PREPARATION

INCONSISTENT SURFACES:

Surfaces with defects such as flaking, cracking, efflorescence, blistering, etc., will need to be treated by completely removing the existing paint by mechanical means. Next, apply one coat of either of the following products: TKROM FIJATIVO F-1 or TKROM FIJATIVO F-4, and proceed as indicated for new surfaces.

APPLICATION SYSTEM

System	Product	Yield	Dilution	Coats
PRIMING (Highly porous substrates, weathered unpainted surfaces)	TKROM FIJATIVO F4	14-18 m²/L	1:4 water	1 or 2
PRIMER (Substrates with microorganisms)	TKROM LIMPIADOR REFORZANTE	n.a.	Undiluted	1 or 2
PRIMER (Substrates with microorganisms)	TKROM IMPRIMACIÓN SELLADORA-	14-18 m²/L	Undiluted	1 or 2
PRIMING (Low-absorbency surfaces, aged paints)	TKROM FIXATIVE F1	14-18 m²/L	1:1 water	1 or 2
PRIMER	TKROM SUPERCARRARA MATTE MINERAL	10-12 m²/L	5-10% water	1
FINISH	TKROM SUPERCARRARA MATTE MINERAL	7-9 m²/L	0-5% water	2

APPLICATION CONDITIONS

Substrate and Ambient Temperature	Min. +5°C / Max. +35°C
Ambient humidity	Max. 80%
Substrate Moisture	Dry substrate with a moisture content of < 4%. Cement mortars: allow to set completely (minimum 28 days). For other types of materials, refer to the drying times specified in the manufacturer's technical data sheet.
Dew Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of peeling or efflorescence.

APPLICATION RECOMMENDATIONS

Product preparation	Stir until the product is thoroughly mixed.
Application method	It can be applied using a brush, a short-pile roller or by spraying with airless equipment.
Preparation	Adjust the viscosity with water. It is advisable to apply the second coat of the product at right angles to the first coat to achieve optimum opacity.

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 information on the product's safety, environmental impact and toxicology.
Safety Data Sheet: Please refer to the latest version.
LER CODE: 08 01 11
WASTE TYPE: HAZARDOUS

Storage

The product will remain stable in its original, unopened packaging at ambient temperatures not exceeding 30 °C or falling below 5 °C for 24 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 10 00

Note

The technical information contained in this document is provided in good faith, based on laboratory tests and practical experience under normal conditions. However, the data may vary, particularly when the material is tinted or when using intense colours, in which case parameters such as density or solids by volume may be affected without compromising the product's performance. Users are advised to verify the suitability of the product for their specific application and to request the relevant colour safety data sheet from their distributor for reference.

