

APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	3-5 m ² /L - 2-4 m ² /kg a 150µm secas	UNE-EN ISO 23811	
1st COAT THINNING	<50%		
2nd AND SUBSEQUENT COAT THINNING	0-5%		
THINNER	AGUA		

MEDIUM CONDITIONS

If outside, do not apply if rain is forecast, in strong midday sun or on very humid days.

CONDITION	VALUE
Substrate temperature	Between 5°C and 35°C.
Ambient temperature	Between 5°C and 35°C.
Substrate humidity	Dry medium surface with humidity < 10%
Dew point	The substrate must be at least 3º above the dew point to reduce the risk of product detachment or efflorescence of the coating on walls and floors due to condensation. In high ambient temperature and low relative humidity conditions, the probability of efflorescence in the finish increases.

MEDIUM PREPARATION

NON-PAINTED OR NEW SURFACES

- Outside, use mechanical equipment such as high pressure water jets, to clean the surface.
- The surface should be consistent and firm, with no tendency to disintegrate or break. If it is necessary to smooth the substrate, repair it using suitable products from the TKROM PLAST range.
- To homogenize absorption and consolidate the surface, apply a coat of TKROM F1 PENETRATING FIXATIVE (TDS-5907), TKROM F4 FIXATIVE (TDS-5908) or TKROM PLIOTEC WATER-BASED FIXATIVE (TDS-5929).
- Next, apply TKROM SUPERCARRARA RUGOSO

ALREADY PAINTED SURFACES

- Outside, use mechanical equipment such as high pressure water jets, to clean the surface.
- Ensure that the medium is compact and firm.
- Carefully control the condition of the underlying paint; remove parts that are cracked and/or not perfectly adhered.
- Repair any imperfections, and proceed as instructed for new surfaces.

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SPECIAL REMARKS FOR MEDIA IN GOOD CONDITIONS

Concrete:

- The surface should be dry, and should have cured in the air for the necessary time (minimum of 3 weeks).
- The substrate conditions must meet the requirements of concrete standard UNE-EN ISO 1504-2 in terms of coating performance.

Mortar:

- Use suitable products to remove efflorescence and alkalinity, such as treating with hydrochloric acid, diluted with 10 parts water.

Fibre cement:

- Remove alkalinity in accordance with the instructions for mortars.

Porous plaster:

- To prevent excessive absorption during subsequent painting, apply a coat of TKROM F4 FIXATIVE (TDS-5908).

Fragile plaster:

- Apply a coat of TKROM F1 PENETRATING FIXATIVE (TDS-5907) to strengthen the top coat, creating a lattice of resin that also enables transpiration, reduces absorption and facilitates subsequent painting.

Mortar and plaster on masonry:

- The substrate condition must meet mortar standard UNE-EN 998-2. According to the specifications of this standard, the adhesion value must be suited to that specified for the CE marking of the substrate manufacturer. It should never be less than 0.2 N/mm². The average value should be 0.3 N/mm².

Old paint:

- The quality of the old coatings is important.
- Adhesion should be no less than 0.7 N/mm², and the average sampling value should exceed 1 N/mm² (UNE-EN ISO 1504-2 standard).
- Thoroughly clean the entire surface with a jet of pressurised steam or water.
- For gloss paints, use mechanical equipment to open the pores, and proceed as for new surfaces.

SPECIAL REMARKS FOR MEDIA IN POOR CONDITIONS

Blackening caused by mould and algae:

- Remove the stain and disinfect by vigorously scrubbing with household bleach. Next, treat the surface with TKROM REINFORCING CLEANER (TDS-5905) and then add a coat of TKROM SANITISING-SEALANT PRIMER (TDS-5906).

Nitre:

- Scrape with a brush or machine polish, before applying chemical treatment with hydrochloric acid, diluted with 10 parts of water. Next, treat with TKROM F1 PENETRATING FIXATIVE (TDS-5907).

Rust stains from wrought iron:

- Apply two coats of TKROM STAIN RESISTANT SUPERLITE (TDS-6612).

Old paint with insufficient adhesion:

- If adhesion is less than 0.7 N/mm² (UNE-EN ISO 1504-2 standard), use suitable mechanical equipment to remove the old paint. The underlying material must be properly prepared for the application of the new top coat. Proceed as with new substrate.

Uneven surfaces:

- Surfaces with damage such as peeling, cracking, chalking, blistering, etc. should be treated using mechanical equipment to completely remove existing paint.

Next, a coat of any of the following products should be applied: TKROM F1 PENETRATING FIXATIVE (TDS-5907), TKROM F4 FIXATIVE (TDS-5908) or TKROM PLIOTEC WATER-BASED FIXATIVE (TDS-5929), then proceeding as indicated for new surfaces.

For painting other specific materials not mentioned on this data sheet, seek advice on suitable treatment from a EUPINCA, S.A. approved technician.

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