



FIJADOR AL AGUA PLIOTEC

SALES FORMAT

12L, 4L

DESCRIPTION

Water-based primer for façades, formulated with special resins, offering exceptional adhesion and penetration, suitable for bonding to powdery substrates such as concrete, render and old paint, as well as for priming non-porous surfaces. Its formulation provides excellent resistance to water and moisture, as well as good resistance to weathering and ultraviolet radiation. Suitable for priming indoor and outdoor walls and ceilings, and surfaces with old glue-based or tempera paints, prior to painting with synthetic paints or coatings.

SCOPE OF APPLICATION

Facades
Outdoors/Indoor
Fibre cement, concrete, cement
Masonry surfaces
Porous surfaces
Plaster
Brick walls

PROPERTIES

- High adhesion
- Adhesion promoter
- Absorption regulator
- Excellent penetration
- Surface hardener
- Highly alkali-resistant
- Excellent workability
- Permits water vapour to pass through

TECHNICAL DATA

Appearance	Liquid	
Colour	Colourless	
Density	1.04 ± 0.03 g/mL	UNE-EN ISO 2811-1
Volume solids	21 ± 2%	UNE-EN ISO 23811
VOC	< 140 g/L. Maximum value permitted by the EU: 140 g/L	2004/42/II Category (i)
Theoretical coverage	9–11 m ² /L (20 dry microns)	
Drying times	Touch-dry: 1–2 hours / Fully dry: 12–24 hours	
Recoating time	6–8 hours	
Dilution	Ready to use	
Diluents	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. The surface must be solid, dry and free from dust, salts, loose or poorly adhered particles, or any type of contamination that may interfere with the product's penetration.

UNPAINTED OR NEW SURFACES

Outdoors, clean the entire surface using high-pressure water jetting. Surfaces must be dry and have undergone the necessary curing time in the open air (minimum 4 weeks). The surface must be consistent and firm, with no tendency to crumble or flake off. If the substrate needs levelling, repair it using the appropriate products from the TKROMPLAST range.

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. Carefully 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.

PREPARATION OF THE SUBSTRATE

SPECIAL CONSIDERATIONS FOR SURFACES IN GOOD CONDITION

The surface must be dry and have undergone the necessary curing period (minimum 4 weeks). The condition of the substrate must comply with the requirements of the UNE-EN ISO 1504-2 standard for concrete, specifically the performance requirements for coatings. Under no circumstances should it be less than 0.2 N/mm². The average value must be 0.3 N/mm². In the case of existing paintwork, it is important to check the quality of the existing coatings; their adhesion must not be less than 0.7 N/mm², and the average value must be greater than 1 N/mm² (ISO 1504-2). Ensure the entire surface is thoroughly cleaned. Remove efflorescence and alkalinity using suitable products. 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

Blackening caused by mould and algae: Remove and disinfect by vigorously scrubbing the stains with a brush using domestic bleach. Next, treat the surface with TKROM LIMPIADOR REFORZANTE, followed by one coat of TKROM SANITISING AND SEALING PRIMER. Saltpetre: Scrape off with a brush or machine-polish. Rust stains from structural steelwork: Apply two coats of TKROM SUPERLITE ANTIMANCHAS. Old paint with poor adhesion: If adhesion is less than 0.7 N/mm² (ISO 1504-2), use suitable mechanical methods to remove the old paint. The substrate must be properly prepared to accept the new finish. Proceed as for new surfaces.

APPLICATION CONDITIONS

Substrate temperature	Min. + 5°C / Max. + 35°C
Ambient temperature	5°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
PRIMER	TKROM FIJADOR AL AGUA PLIOTEC	9–11 m ² /L (20 dry microns)	N.A.	1 or 2
FINISH	TKROM SUPERCARRARA SMOOTH	9–11 m ² /L per coat	< 10% water	2
FINISH	TKROM MATE FORTUNA	10–12 m ² /L per coat	0–20% depending on the application method	1 or 2

APPLICATION RECOMMENDATIONS

Product preparation:	Stir until the product is thoroughly mixed.
Application method:	<p>Apply as required. The appropriate amount varies depending on the substrate and should be adjusted to ensure that, once dry, the product leaves an opalescent patina on the treated surface. Applying too much product may form a dense film, which would hinder the adhesion of subsequent coats of paint; applying too little of the primer, on the other hand, would make subsequent application difficult, reducing the finish's ability to bond.</p> <p>Due to its low viscosity, the applicator must bear in mind that applying too much product to the tool will cause dripping, which will compromise the uniformity of absorption. This lack of control will carry over to the subsequent application, resulting in variations in gloss and, ultimately, a poor finish. One or two coats are generally applied; the product is touch-dry within 1 or 2 hours, and can be painted over after 6–8 hours.</p> <p>It can be applied using a brush, a short-pile roller or by spraying with airless equipment. In all cases, it is advisable to test a small area first to determine the required quantity and to ensure both adequate penetration and that no film forms.</p>

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: NON-HAZARDOUS.

LER CODE: 080112

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.