



DESCRIPTION

High-penetration, water-based, acrylic-based wall primer for surface impregnation of substrates commonly used in construction. An ultra-fine-particle product, giving it high penetrating power, saturating even the microscopic capillaries of renders. Particularly suitable for consolidating and reinforcing cement renders, plaster, etc., as well as old whitewashed paints. It offers excellent resistance to alkalinity, making it the ideal substrate for subsequent coats of paint to be applied over cement render, gypsum render, plaster, fibre-cement boards, etc.

SCOPE OF APPLICATION

- Facades
- Outdoors/Indoor
- Masonry surfaces
- Brick walls
- Plaster
- Materials with excessive porosity
- Walls and ceilings
- Fibre cement, concrete, cement

PROPERTIES

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

TECHNICAL DATA

Chemical composition	Acrylic resins	
Appearance	Liquid	
Colour	Opalino	
Density	1.03 ± 0.05 g/ml	UNE-EN ISO 2811-1
Volume solids	32 ± 2%	UNE-EN ISO 23811
Fire classification	A2, s1-d0	UNE-EN 13501-1 / 26-4586-2
VOC	< 30 g/L. Maximum value permitted by the EU: 30 g/L	2004/42/II Category (h)
Theoretical coverage	14–18 m²/L	
Drying times	Touch-dry: 15–30 minutes	
Recoating time	6 hours	
Dilution	1:1	
Diluents / Cleaning	TAP WATER	

The technical data provided may vary if the product is tinted.

PREPARATION OF THE SUBSTRATE

GENERAL INFORMATION

Outdoors, do not apply if rain is forecast, in direct midday sun or on damp days. The surface must be solid, dry and free from dust, salts, loose or poorly adhered particles, or any other 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. Then apply TKROM PENETRATING PRIMER F1, suitably diluted.

ALREADY PAINTED SURFACES

Outdoors, clean the entire surface using mechanical methods, for example, 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). Remove efflorescence and alkalinity using suitable products. In the case of gloss paints, open the pores mechanically 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 household bleach. Next, treat the surface with TKROM LIMPIADOR REFORZANTE, followed by one coat of TKROM SANITISING-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 FIXATIVE F1	14–18 m²/L per coat	1:1 water	1 or 2
FINISH	TKROM MATE FORTUNA	10–12 m²/L per coat	0–20%, depending on the application method	1 or 2
FINISH	TKROM SUPERCARRARA SMOOTH	9–11 m²/L per coat	< 10% water	2

APPLICATION RECOMMENDATIONS

Product preparation:	Shake until the product is thoroughly mixed.
Application method:	It must be diluted with water to at least 100 per cent. The appropriate amount varies depending on the substrate and must be adjusted to ensure that, once dry, the product leaves an opaline patina on the treated surface. Very large quantities of product (insufficient dilution) may form a compact film, which would hinder the adhesion of subsequent coats of paint; conversely, excessive dilution would result in the fixative being applied too thinly, making application difficult, reducing the finish's ability to bond and potentially causing areas of uneven absorption. Due to its low viscosity, the applicator must bear in mind that overloading the application tool with product will cause dripping, which will compromise the uniformity of absorption. This lack of control will carry over to the subsequent application, resulting in differences in gloss and, ultimately, a poor finish. A single coat is generally applied; this dries to the touch in 15–30 minutes and can be painted over after 6 hours. To waterproof and compact exposed bricks, natural stone, etc., depending on the porosity and absorbency of the substrate, it may be necessary to apply two coats, although one is usually sufficient. 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 to ensure the correct dilution and to guarantee both penetration and the prevention of film formation.

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 product's 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 10 °C for 12 months from the date of manufacture. The product must be stored in a cool, dry place, in its original packaging, tightly sealed, undamaged and 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.

