



ALKYTECH MAT

SALES FORMAT

1L, 4L, 12L, 20KG



DESCRIPTION

High-performance matte finish paint formulated with alkyd and acrylic resins in a water-based dispersion. It combines the ease of application and fast drying of acrylic resins with the adhesion and characteristic finish of alkyd systems. A high-opacity paint with excellent resistance to wet scrubbing. It produces a finish in which touch-ups are not noticeable.

SCOPE OF APPLICATION

Indoor
New surfaces or refurbishment
Plaster, plasterboard and porous substrates
Aged alkyd paints.
Iron and alloys.
Aluminium and galvanised steel.
Wood, PVC and melamine.

PROPERTIES

- Fine finish A
- Excellent opacity
- Excellent adhesion
- Good application and levelling
- With anti-flash-rust protection
- Quick-drying
- Ensures uniform finishes
- Contains an antimold preservative

Disponible **TKROMATIC**

TECHNICAL DATA

AFNOR classification	NF T 36005 Family I – CLASS 4a/7b2	
Resin	Water-based acrylic/alkyd.	
Appearance	Deep Matte	NF-EN 13300
Finish	85° gloss: <3	ISO 2813
Density	1.49 ± 0.05 g/ml	ISO 2811-1
Solids by weight	58 ± 2%	NF-EN ISO 23811
Volume solids	38 ± 2%	NF-EN ISO 23811
Particle size	Fine	NF-EN 13300
Wet abrasion resistance	Class 1	NF-EN 13300
VOC	< 2 g/L. Maximum value permitted by the EU: 30 g/L	2004/42/II A classification (a)
Indoor air emissions	A+	
Drying and recoating times	Touch-dry: 30 mins – 1 hour Fully dry: 1 hour – 2 hours Recoating time: 4–6 hours	
Opacity and coverage	Class 1 for 90 microns dry film thickness (NF-EN ISO 13300) Class 2 for 42 microns dry film thickness (NF-EN ISO 13300) Theoretical coverage 10–12 m²/L (35 microns dry film thickness)	
Dilution	Ready to use. Maximum 5% water	
Diluents	Water	
Cleaning	Water, immediately after use	

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

PREPARATION OF THE SUBSTRATE

GENERAL INFORMATION

Surface preparation work must be carried out in accordance with standard NF DTU 59.1. Surfaces to be painted must be clean, dry and free from dust, grease or dirt. Depending on the type of substrate, any rust or other residues must be removed and a suitable primer considered. For very smooth surfaces, sanding may be necessary. It is recommended that preliminary tests be carried out to ensure that the product is suitable for its intended use.

WOODEN SURFACES

Unpainted wood free from tannins: sand lightly to remove any fibres. Fill any imperfections (knots, holes, grain) with a suitable filler or synthetic putty. Apply one coat of ALKYTECH IMPRESS as a primer and one or two coats of ALKYTECH MATTE as a topcoat. Painted timber in good condition: sanding may be advisable to improve adhesion. Damaged or poor-condition timber: If there are cracked areas or other imperfections, strip the old coating and proceed as with new timber.

METALLIC SURFACES

Unpainted metals: remove rust and rolling mill scale using scrapers or wire brushes. Degrease and clean to remove dust, grease and dirt. For surfaces in good condition and applications where there is no risk of rusting (indoor), ALKYTECH IMPRESS BLANC can be applied directly. Apply one coat of ALKYTECH IMPRESS as a primer and one or two coats of ALKYTECH MATTE as a topcoat. Painted metal: remove any coats of paint that are not perfectly adhered, then proceed as indicated for unpainted metal surfaces.

PVC AND MELAMINE SURFACES

Degrease and clean the surface. ALKYTECH IMPRESS can be applied directly as a primer, followed by one or two coats of ALKYTECH MATTE as a topcoat. For highly polished or very smooth surfaces, light sanding may be necessary to improve adhesion.

Masonry Surfaces

Repair any imperfections in the wall surface using suitable mortars or products. Remove any traces of lime or tempera paint and prime with products such as TKROM FIJATIVO F-4 to ensure a uniform application. In the event of efflorescence or salt deposits, treat with a diluted acid solution (salfuman) (except on plaster), rinse thoroughly with water, allow to dry and apply one coat of a product such as TKROM FIJATIVO F-4. Next, apply one coat of ALKYTECH IMPRESS as a primer and one or two coats of ALKYTECH MATTE as a topcoat.

APPLICATION CONDITIONS

Substrate temperature	Min. + 8°C / Max. + 35°C
Ambient temperature	8°C / 35°C. <70% RH
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	ALKYTECH IMPRESS	10-12 m²/L per coat	0-5% DEPENDING ON THE SYSTEM	1
FINISH	ALKYTECH MATTE	10-12 m²/L per coat	0-5% DEPENDING ON THE SYSTEM	2

APPLICATION RECOMMENDATIONS

Product preparation:	Stir to ensure the product is thoroughly mixed. The product can be used undiluted. If necessary, adjust the viscosity with water.
Application method:	The product can be applied with a brush, roller or spray gun. It is recommended to use the minimum amount of water necessary to achieve a smooth finish under the given application conditions. For brush application, it is recommended to dilute with a maximum of 5% water. For roller application, it is recommended to dilute with a maximum of 5% water and to use a 12mm high-density polyester microfibre roller. For application with an airless spray gun, it can be diluted with up to 5% water and a 517 nozzle should be used.

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, Environmental and Toxicology Data Sheet available at tkrom.com. To help protect the environment, dispose of empty containers at an authorised recycling centre. Do not pour waste down the drain. For information on product disposal and collection, please contact your local authorities. 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.

