

TKROM IMPRIMACION MULTIUSOS

PRODUCT DESCRIPTION

Multi-purpose primer made of acrylic resins, pigments, activated antioxidants and corrosion-inhibiting agents, so it can be applied on both surfaces with poor adhesive properties, such as galvanised steel, copper, brass, tin, rigid PVC, polyester, etc., and iron or steel surfaces. Suitable for decoration or DIY work, among others. Repainting must be done with slow drying synthetic materials. (For single-component and dual-component professional finishes that use mixtures of medium-slow evaporation thinners, you should use products TKROM UNIVERSAL MULTI-PURPOSE PRIMER BASE STI TDS-6115 and TKROM GLASS PRIMER 2C TDS-6704).



CONTAINER	SIZE
Metal	250 ml
Metal	750 ml
Metal	4 L
Metal	22 kg

USES / SCOPE OF APPLICATION

- For indoor and outdoor use. As a primer that favours anchoring on surfaces with poor adhesive properties and as an anti-corrosion primer on iron or steel.
- Outdoors/Indoors.
- Iron.
- Steel.
- Galvanised steel.
- Copper.
- Brass.
- Tin.
- Rigid PVC.
- Polyester.

CHARACTERISTICS / BENEFITS

- Excellent ease of application.
- Fast drying.
- There is no need of sanding for painting over.
- Odourless after drying.
- Its properties are unaltered when painting over.
- Repaintable with most paints.
- Good adhesive properties.

PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Blanco y Colores s/muestra		
GLOSS 60º	5-7	UNE-EN ISO 2813	IL-6204-01
GLOSS 85º	13-15	UNE-EN ISO 2813	IL-6204-01
CHROMATIC COORDINATES, L*	93 a 91	UNE 48073	IL-6204-02
CHROMATIC COORDINATES, a*	-0,8 a -0,6	UNE 48073	IL-6204-02
CHROMATIC COORDINATES, b*	0,2 a 0,4	UNE 48073	IL-6204-02
BERGER WHITENESS	81-83	UNE 48073	IL-6204-02
OPACITY	87-89%	UNE-EN ISO 6504-3	IL-6204-05

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY	1,44 - 1,48 g/ml	UNE-EN ISO 2811-1	IL-6204-06
VISCOSITY (ISO)	71 - 81 KU	ENSAYO INTERNO	
PARTICLE SIZE DISTRIBUTION (GRAIN)	40-50 micras	UNE-EN ISO 1524	IL-6204-09

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
CONTENT IN NON-VOLATILE MATERIAL (MASS)	67-69%	UNE-EN ISO 3251	IL-6204-10
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	42-44%	UNE-EN ISO 23811	
MAXIMUM ADMISSIBLE COV CONTENT	500 g/L	2004/42/II A clasificación	
MAXIMUM ADMISSIBLE COV CONTENT IN THE PRODUCT	500 g/L	2004/42/II A clasificación	

APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	5-7 m ² /L - 3-5 m ² /kg a 75µm secas	UNE-EN ISO 23811	
THINNING	0-25%	SEGÚN SISTEMA APLICACIÓN	
THINNER	TKROM Disolvente 302 Universal		

MEDIUM CONDITIONS

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

MEDIUM PREPARATION

PAINTED WOODEN SURFACES

- Remove areas that are cracked and not perfectly bonded. Use filler to fill any imperfections and irregularities. Sand the entire surface and clean any dust, grease or dirt. To achieve a good final finish, apply a coat of TKROM MULTI-PURPOSE PRIMER, sand lightly and add synthetic top coats after waiting for the appropriate period of time.

NON-PAINTED WOODEN SURFACES

- Dry sand lightly to remove any raised fibres. Seal imperfections (knots, holes, grains, joints) using a suitable sealant, or fill with Tkrom Plast plaster powder, or synthetic putty. In most cases, these types of timber will be outdoors, so it is advisable to apply a first coat of open pore fungicide protector to the timber. Apply one or two coats of TKROM MULTI-PURPOSE PRIMER, sanding lightly between coats. Add synthetic top coats after waiting for the appropriate period of time.

NON-PAINTED IRON SURFACES

- Use appropriate metal spatulas or brushes; degrease to remove any rust and rolling residues; degrease and clean away any dust and dirt, and sand carefully to remove all rust residues from the surface. Next, apply two coats of TKROM MULTI-PURPOSE PRIMER. After the necessary time, apply a synthetic top coat.

PAINTED IRON SURFACES

- Remove layers of paint that are not perfectly bonded and then proceed as indicated for unpainted iron surfaces.

GALVANISED STEEL, ALUMINIUM, TIN, ZINC, COPPER AND PVC SURFACES (Difficult surfaces)

- Degrease and clean the surface. Clean with water and an ammonia-based detergent. Lightly sanding will improve adhesion. Apply 1 coat of TKROM MULTI-PURPOSE PRIMER. After the necessary time, apply a synthetic top coat.

APPLICATION PROCESSES

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	<ul style="list-style-type: none"> · Stir until the mixture is properly homogenised. · Stir again at regular intervals. · Adjust viscosity. · Evaporation will take place during prolonged application, so the viscosity will have to be adjusted. · If the thinning agent is very strong, the proportion may have to be reduced.
APPLICATION	<ul style="list-style-type: none"> · It can be applied using a brush, roller, spray gun or airless paint sprayer, directly onto any of the aforementioned underlying layers, which must be sanded, clean and grease free. The product's anti-corrosive properties are due to its corrosion inhibitors and its significant barrier effect versus adverse weather conditions. · When repainting, use only synthetic enamels or oil-based paints. · Apply evenly and with proper levelling to obtain the recommended thickness of 35-55 microns (1 coat) on non-ferrous metals and 70-100 microns (2 coats) on ferrous metals. · If applying with a brush or roller, dilute the product with 0%-10% of TKROM 302 Universal Thinner TDS-6961. · If applying with a spray gun, dilute between 15% and 25% with TKROM 302 Universal Thinner TDS-6961, until a viscosity of 25 seconds is achieved in a No. 4 Ford cup at 25°C. · Use a 1.5-1.8 mm diameter nozzle and air pressure at 2.5-3.5 kg/cm². · If applying with an airless paint sprayer, dilute to a viscosity of 60 seconds in a No. 4 Ford cup, with 10%-20% of TKROM 302 Universal Thinner TDS-6961.
TOOL CLEANING	<ul style="list-style-type: none"> · All tools that are used must be cleaned immediately after use with any of the recommended thinners, or with TKROM 302 UNIVERSAL THINNER (TDS-6961).

WAIT TIMES

Drying at 20°C and 65% relative humidity: The product is touch dry in 5-10 minutes. Tack free after 5-20 minutes. It can be painted over after 24 hours (only synthetics).

SAFETY

Users should refer to the labelling and the latest version of the product's Safety Data Sheet for any information regarding safety issues related to use, storage, transport and waste disposal. The Safety Data Sheet contains all of the physical, environmental and toxicological data on the product, and information on all other issues related to this topic.

SAFETY SHEET	LER CODE	WASTE TYPE
MSDS-6204	08 01 11	HAZARDOUS

STORAGE

When kept in its original unopened container at room temperatures below 30°C and above 5°C, the product will remain stable for 12 months from the date of manufacture.

It should be stored in a cool, dry place, in its original properly sealed and undamaged container, protected from frost and direct sunlight.

TARIFF HEADING

TARIC code: 3208 20 90

Note: The data presented in this technical data sheet may be modified based on possible changes in formation. In any case, values are provided for information purposes only, and the suitability of the product for a certain job should always be tested.

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