

TKROM PISCINAS ACRILICA



PRODUCT DESCRIPTION

Paint for pools made with styrene acrylic copolymer in aqueous dispersion, with very good adhesive properties and elasticity, great coverage and waterproofing and perfect finish.

USES / SCOPE OF APPLICATION

- To paint pools and concrete tanks for non-drinkable water.
- Outdoors/Indoors.
- Cement.
- Pools.

CONTAINER	SIZE
Plastic	4 L
Plastic	15 L

CHARACTERISTICS / BENEFITS

- High Equalisation.
- Waterproof.
- Hinders the appearance of algae and moulds.
- Excellent resistance to water.
- Excellent adhesive properties.
- Alkaline resistant.
- Protects previously varnished surfaces from weather conditions.
- Good yield.
- Fast drying.
- Can be applied on chlorinated rubber paints.

PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
COLOUR	Blanco / Azul Mediterraneo y colores s/muestra		
FINISH	G3 MATE	UNE-EN 1062-1	IL-5913-01
GLOSS 85º	< 10	UNE-EN ISO 2813	IL-5913-01
CHROMATIC COORDINATES, L*	91 a 93	UNE 48073	IL-5913-02
CHROMATIC COORDINATES, a*	-0,8 a -0,6	UNE 48073	IL-5913-02
CHROMATIC COORDINATES, b*	0,8 a 1,0	UNE 48073	IL-5913-02
BERGER WHITENESS	77-79	UNE 48073	IL-5913-02
OPACITY	88-90%	UNE-EN ISO 6504-3	IL-5913-05

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY	1,35-1,39 g/ml	UNE-EN ISO 2811-1	IL-5913-06
pH	8,5-9,2	ENSAYO INTERNO	
VISCOSITY (ISO)	9000 -11000 (mPa.s) (20 rpm, husillo R5)	ASTM D 2196-10	
PARTICLE SIZE DISTRIBUTION (GRAIN)	7-17 micras	UNE-EN ISO 1524	

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REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
CONTENT IN NON-VOLATILE MATERIAL (MASS)	54-56%	UNE-EN ISO 3251	IL-5913-10
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	37-39%	UNE-EN ISO 23811	
MAXIMUM ADMISSIBLE COV CONTENT	140 g/L	2004/42/II A clasificación	
MAXIMUM ADMISSIBLE COV CONTENT IN THE PRODUCT	20 g/L	2004/42/II A clasificación	

APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	6-8 m ² /L - 4-6 m ² /kg 50µm secas	UNE-EN ISO 23811	
1st COAT THINNING	10-15%		
2nd AND SUBSEQUENT COAT THINNING	<5%		
THINNER	AGUA		

SPECIFIC PROPERTIES	VALUE	STANDARD	REPORT
WET RUB RESISTANCE	6-8 micras	UNE-EN ISO 11998	IL-5913-17

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

ALREADY PAINTED SURFACES

- If the old paint is in good condition, clean thoroughly with bleach or hydrochloric acid. Brush the surface to remove traces of oil, sun cream, nitrates, algae, etc. Rinse well with running water and, once dry, apply TKROM ACRYLIC POOLS as indicated.
- If the old paint is in poor condition, cracked, wrinkled, blistered or poorly bonded, remove it completely and proceed as for unpainted new surfaces.
- Treatment to remove mould or mildew includes first applying TKROM Reinforcing Cleaner TDS-5905, then applying a coat of TKROM Sanitising-Sealant Primer TDS-5906. To homogenize absorption and consolidate the surface, apply a coat of penetrating additive TKROM F1 PENETRATING FIXATIVE TDS-5907, diluted by a minimum of 100% in water.

NON-PAINTED NEW SURFACES

- It is advisable to keep new swimming pools full of water for between one and two months, to ensure correct curing and to naturally remove alkaline salts. After this period of time, empty the pool and treat the surface; wash with one part of hydrochloric acid diluted in four parts of water, then rinse well with abundant fresh water. Leave to dry for a minimum of three days and apply TKROM ACRYLIC POOLS. Apply the first coat of the product, diluted by 10%-15% with water. Successive coats should be applied neat, or diluted by a maximum of 5%. Leave to dry for a minimum of 2 to 3 weeks before filling the swimming pool.

NON-PAINTED OLD SURFACES

- Wash with a mixture of 1 kg of Trisodium Phosphate in 10 litres of water. Remove mould and incrustation by brushing. Wash with pressurised water and wait for 2-3 days before painting with TKROM ACRYLIC POOLS as instructed for new surfaces.

APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
PRIMING	TKROM F1 PENETRATING FIXATIVE TDS-5907	14-18 m ² /L - FOR TKROM F1 (TDS-5907)	1:1 in water	1
PRIMING	TKROM F4 FIXATIVE	14-18 m ² /l	1/4 in water	1
PRIMING	PLIOTEC FIXATIVE	10-14 m ² /l	use normally	1
PRIMING	TKROM POOL ACRYLIC DILUTED	7-9 m ² /l per coat	10-15% in water	1
FINISH	TKROM POOL ACRYLIC	6-8 m ² /l per coat	< 5% in water	2

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.
APPLICATION	<ul style="list-style-type: none"> · It can be applied with a brush, roller or spray gun. · Do not paint when the sun is shining directly on the pool. This will ensure that drying is not too fast and prevent the formation of blisters in the paint. · Do not apply thick layers. · To apply with a brush or roller, dilute the first coat of the product with 10%-15% and 5% for the finishing coat. · If applying with an airless paint sprayer, use pressures between 120 and 150 bar with 0.3-0.4 mm nozzles, dilution of 5%-10% and an application angle of 50°-80°. · Application with a spray gun will require checking the dilutions, which will depend on the options available in each case.
TOOL CLEANING	<ul style="list-style-type: none"> · Tools should be cleaned with water immediately after use.

WAIT TIMES

Drying at 20°C and 65% relative humidity: The product is touch dry in 3 hours. It can be painted over after 6 hours. Fully dry in 14 days.



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-5913	08 01 12	NON-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: 3209 10 00

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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