

TKROM SIL IMPRIMACION C



PRODUCT DESCRIPTION

Sealing primer, based on potassium silicate, which reinforces and fixates mineral substrates and conveys uniform absorption to them. It makes the application of silicate finish paints easier, providing sharper and more uniform colours, specially for intense hues. It is also used to dilute silicate paints, specially medium and high-intensity hues.

USES / SCOPE OF APPLICATION

- As primer for cement renders; cement plasters, sand and lime; concrete, brick, fibre cement, natural and artificial stone surfaces, among others. To dilute silicate paints.
- Outdoors and indoors.
- Façades.
- Stone.
- Restoration of historical buildings.
- Mineral media.
- Lime.
- Cement mortar.
- Concrete.

CONTAINER	SIZE
Plastic	4 L
Plastic	15 L

CHARACTERISTICS / BENEFITS

- Excellent permeability to water vapour, so it allows breathability of the medium.
- Very good adhesive properties.
- Easy to apply.
- It completely solidifies with the medium.
- Environment-friendly due to its nature.

PRODUCT PROPERTIES

APPEARANCE OF THE DRY FILM	VALUE	STANDARD	REPORT
APPEARANCE	Líquido		
COLOUR	Blanquecino		

PHYSICAL PROPERTIES	VALUE	STANDARD	REPORT
DENSITY	1,03-1,07 g/ml	UNE-EN ISO 2811-1	
pH	11-13	ENSAYO INTERNO	

REFERRING TO ITS FORMULATION	VALUE	STANDARD	REPORT
CONTENT IN NON-VOLATILE MATERIAL (MASS)	12-14%	UNE-EN ISO 3251	
CONTENT IN NON-VOLATILE MATERIAL (VOLUME)	7-9%	UNE-EN ISO 23811	
MAXIMUM ADMISSIBLE COV CONTENT	40 g/L	2004/42/II A clasificación	
MAXIMUM ADMISSIBLE COV CONTENT IN THE PRODUCT	40 g/L	2004/42/II A clasificación	

APPLICATION PROPERTIES	VALUE	STANDARD	REPORT
THEORETICAL YIELD	2-4 m ² /L	UNE-EN ISO 23811	
THINNER	Agua		

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

NON-PAINTED OR NEW SURFACES

- Cement, lime, concrete, etc. The wall surface to be painted must be constructed at least 28 days before painting to ensure natural neutralisation, as excessive calcium alkalinity on the surface will prevent TKROM C PRIMER SIL from penetrating deeply, and a layer of paint may form that could peel away.
- Clean the entire surface using mechanical high pressure water jet equipment
- Before painting, carefully check the surface to ensure that it is in perfect condition.
- The surface should be consistent and firm, with no tendency to disintegrate or break.
- If any mould or mildew is present, treat the surface first with TKROM Reinforcing Cleaner TDS-5905, then add a coat of primer
- TKROM Sanitiser-Sealant TDS-5906.
- To homogenize absorption and consolidate the surface, apply a coat of TKROM C Primer SIL TDS-5801. In most cases, applying a single coat is sufficient. In cases of extreme absorption, a second coat may be applied after 24 hours.

Next, apply two coats of TKROM BASE SIL or TKROM SIL normal (with an interval of 24 hours between the two coats), diluted as follows:

LIGHT COLOURS:

1st coat:

Dilute TKROM in equal parts with TKROM SIL primer for cement (1:1)

2nd coat:

- Apply TKROM SIL, undiluted, or diluted by 10% to 15%, with TKROM SIL cement primer.

MEDIUM AND INTENSE COLOURS:

1st coat:

Dilute one part TKROM SIL with 1 part TKROM SIL cement primer and one part water (1:1)

2nd coat:

- Apply TKROM SIL, undiluted, or diluted by 10% to 20%, with TKROM SIL cement primer.

ALREADY PAINTED SURFACES

- On surfaces painted with silicate or lime-based paints, carefully remove dust, dirt and any efflorescence, and apply as indicated for new surfaces.
- On surfaces painted with damaged plastic paint (indoors), clean any dust, dirt and possible efflorescence and apply as indicated for new surfaces.
- In the case of surfaces painted with oil-based products, chlorinated rubber, synthetic paints, etc., remove these products completely to expose the mineral facing, then proceed as indicated for new surfaces.



APPLICATION SYSTEM

SYSTEM	PRODUCT	THEORETICAL YIELD	DILUTION	COATS
FINISH FOR TKROM SIL NORMAL	TKROM SIL NORMAL	5-7 m ² /l per coat	100% WITH PRIMER TKROM SIL C (1:1)	2

APPLICATION PROCESSES

PROCESS	INSTRUCTIONS
PRODUCT PREPARATION	· Stir until the mixture is properly homogenised.
APPLICATION	· It can be applied with a brush, roller or airless paint sprayer. · The product can be applied with a brush, short hair roller or sprayed with an airless paint sprayer. · The second coat of the product should be applied perpendicular to the first coat to obtain ideal opacity. · To apply with an airless paint sprayer, use the following: pressure ~150 bar, nozzle ~0.38-0.53 mm, application angle ~50°-80°.
TOOL CLEANING	· Clean the tools with abundant water immediately after use.

WAIT TIMES

Drying at 20°C and 65% relative humidity: The product is touch dry in 4-5 hours and can be painted over after 24 hours.

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-5801	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 90 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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