



IMPRIMACION CEMENTO PINTURA AL SILICATO

SALES FORMAT

15L, 4L

DESCRIPTION

Sealing primer, based on potassium silicate, which strengthens and fixes mineral substrates, while providing uniform absorption to them. It facilitates the application of silicate-based finishing paints, providing sharper and more uniform colours, especially in intense shades. It is also used to thin silicate paints, especially in medium and intense shades. For priming cement plaster; cement, sand and lime plaster; concrete surfaces, bricks, fibre cement, natural and artificial stone, etc. For thinning silicate paints.

SCOPE OF APPLICATION

- Exterior/Interior
- Façades
- Stone
- Restoration of historic buildings
- Mineral supports
- Cal
- Cement mortar
- Concrete

PROPERTIES

- Water vapour permeability
- Highly breathable support
- Very good adhesion
- Easy to apply
- Excellent consolidant
- Environmentally friendly due to its nature

TECHNICAL DATA

Aspect	Liquid	
Colour	Off-white	
Density	1,05 ± 0,03 g/ml	UNE- EN ISO 2811-1
Solids by volume	12 ± 2%	UNE-EN ISO 23811
VOC	< 6 g/L . Maximum value allowed by EU: 30 g/L.	2004/42/II A classification (h)
Theoretical performance	8-10 m2/Kg (9-10 microns dry)	
Drying times	Touch-drying	4-5 hours
Repainting time	24h minimum	
Dilution	Ready to use	
Cleaning	Water	

PREPARATION OF THE SUBSTRATE

GENERAL

Outdoors, do not apply if rain is expected, in full midday sun or on humid days.

NEW OR UNPAINTED SURFACES

For cement, lime, concrete, etc... surfaces. The wall surface to be painted must be prepared at least 28 days before painting, in order to achieve its natural neutralisation, as excessive superficial calcium alkalinity would prevent the product from penetrating deeply, with the possible formation of a layer of paint that could peel off. Clean the entire surface by mechanical means using a high-pressure water jet. Before painting, carefully check the surface to ensure that it is in perfect condition. The surface shall be consistent and firm, with no tendency to flake or peel. In most cases a single coat is sufficient. In cases of extreme absorption, a second coat can be applied after 24 hours.

ALREADY PAINTED SURFACES

On surfaces painted with silicate or lime paints, carefully remove dust, dirt and possible efflorescence and apply as indicated for new surfaces. On surfaces painted with degraded plastic paints (interior), remove dust, dirt and possible efflorescence and apply as indicated for new surfaces. On surfaces painted with oil-based, chlorinated rubber, synthetic paints, etc., remove them completely until the mineral surface is exposed and then proceed as described for new surfaces.

CONDITIONS OF APPLICATION

Substrate Temp.	Min. + 5°C / Max. + 35°C
Ambient Temperature	5°C / 35°C
Rocio Point	The substrate temperature must be at least 3°C above the dew point to reduce the risk of detachment or efflorescence.

APPLICATION SYSTEM

APPLICATION SYSTEM	PRODUCT	PERFORMANCE	DILUTION	LAYERS
PRIMING	IMPRIMACION CEMENTO PINTURA AL SILICATO	8-10 m ² /Kg (9-10 microns dry)	Ready to use	1 o 2
FINISH	TKROM PINTURA AL SILICATO TKROM SIL	6-8 m ² /L (50 microns dry)	10-20% WITH IMP. CEMENT SILICATE PAINT	2 o 3

RECOMMENDATIONS FOR IMPLEMENTATION

Product preparation:	Stir until the product is well homogenised.
Method of application:	It can be applied by brush, short nap roller or airless spraying.
	The second coat of product should be applied perpendicular to the first coat to achieve optimum opacity.
	For airless spraying, use the following: pressure ~150 bar, nozzle ~0.38-0.53 mm, application angle ~50°-80°.

ADDITIONAL DATA

Health and safety	For any information concerning safety issues in the use, storage, transport and disposal of this product, users should refer to the labelling and the most recent version of the MSDS, which contains physical, ecological, toxicological and other relevant data. WASTE: NON-HAZARDOUS. LER CODE: 080112
Storage	The stability of the product in its original unopened containers, at ambient temperatures of not more than 30 °C and not less than 5 °C shall be 12 months from the date of manufacture. Storage shall be in a cool, dry place, in their original containers, tightly closed, undamaged and protected from frost and direct sunlight.
Tariff heading	TARIC code: 3209 90 00
Note	Note: The data indicated in this technical data sheet may be modified according to possible variations in formulation and in any case express indicative values that do not exempt from carrying out the appropriate tests to check the suitability of the product for a specific job. For any doubts regarding the treatment of the surfaces mentioned above or for the painting of other specific materials not covered in this data sheet, consult the appropriate treatment with technical personnel accredited by the TKROM GROUP.