



LANKO 272

SILANE CREAM

A SILANE-BASED WATER REPELLENT FOR EXTERNAL APPLICATIONS

WHERE TO USE

Davco Lanko 272 Silane Cream is specially formulated for hydrophobic impregnating of exposed surfaces of normal, reinforced and prestressed concrete. It is a unique impregnating agent due to its thixotropic properties. It has an outstanding ability to impregnate deeply into high quality concrete and reinforced concrete due to its increased residence time.

Field of Application

Recommended particularly for impregnating and priming concrete and reinforced concrete used in civil engineering or building structures, wherever subjected to freeze thaw cycles, de-icing salts or chlorides from sea spray etc.

Lanko 272 Silane Cream can be applied in just one coat of the desired thickness in most applications and at the very most two coats may be applied if the substrate is very porous. The silane active ingredient penetrates the substrate over several hours, the exact time depending on the porosity and quality of the concrete. On reaction with the substrate, it releases ethanol and is converted into a polymeric silicone resin. A creamy layer forms initially, but this then disappears completely.

Lanko 272 Silane Cream does not clog the pores or capillaries, nor does it affect the concrete's ability to "breathe". It has been designed to penetrate deeply into concrete to offer optimum protection against absorption of water and pollutants carried with this water such as chlorides. Concrete treated with Lanko 272 Silane Cream has initially only a moderate water beading effect, but this increases after the surface has been wetted.

PRODUCT INFORMATION

Application

Up to 400g/m²

Curing Time

24 hours



**MADE IN
AUSTRALIA**

FEATURES & BENEFITS

- Excellent penetration
- UV stable
- Solventless
- Low volatility
- High resistance to alkali salts
- Thixotropic to minimise material loss on vertical and soffit applications
- Greatly delays chloride and water absorption
- No loss in breathability
- Provides good adhesion for paints

PACKAGING

Available in a 15L pail and 180kg drum



TECHNICAL

TECHNICAL DATA	LANKO 272
Appearance	White creamy liquid
Shelf life when stored tightly sealed in original packaging in dry conditions below 30°C	12 months
Active ingredient	Alkoxy Silane
Active substance content (approx)*	80 [wt%]
Density at 25°C (approx)*	0.9 g/cm ³
pH (approx)*	6

* These figures are intended as a guide and should not be used in preparing specifications.



Quality
ISO 9001
SAI GLOBAL

Davco Australia products manufactured in Australia are produced in accordance with quality management systems certified as complying with AS/NZS ISO 9001:2008.

DIRECTIONS FOR USE

- A test should be undertaken in all cases to ensure suitability

SURFACE PREPARATION

- Ensure that the substrate is free of any traces of plant-based or mineral pollution such as grease, oil, laitance, etc
- Concrete should not be impregnated until at least 4 weeks of curing has occurred
- Concrete substrate shall be free of dust, dirt, oil, existing paint coats and efflorescence salts
- Precast and tilt-up panels should be pressure washed to remove mould release agents and expose the capillaries
- Impregnation should always be performed on superficially dry concrete, i.e. when the surface of the concrete appears evenly dry, no more damp patches are visible and the moisture content equilibrium is established

APPLICATION

1. Lanko 272 Silane Cream is best applied to the concrete by airless spray technique, undiluted to the desired thickness. Brushes, lambskin rollers etc. may be used for smaller areas.
2. Up to 400g/m² may be applied in one operation to vertical surfaces and soffits, without loss off material. The exact amount depends on the absorbency of the substrate. A second coat of Lanko 272 Silane Cream may be applied at any time, but is usually unnecessary.

Note: In the event of unexpected rain, cover treated surfaces. Avoid contact with glass, rubber and bitumen.

Clean-up & Return to Service

- Clean all tools immediately after use with water.

PRECAUTION

Safety

- SDS is available from www.davcoaustralia.com.au
- It is recommended that applicators wear PVC or similar gloves and safety goggles while handling this product
- If eye contact occurs, rinse with cool water
- If ingested get immediate medical assistance

General

- Do not use when temperatures are below 5°C or above 35°C
- Do not apply to a frozen or thawing substrate
- Apply only to clean, sound substrates, free of loose material

Specific

- For other uses not mentioned in these instructions, please visit www.davcoaustralia.com.au

Sika Australia Pty Ltd

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LEGAL NOTES

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