



K10 DP-SEALER

DEEP PENETRATING SEALER FOR CONCRETE SUBSTRATE

DESCRIPTION

Davco K10 DP-Sealer is a water based, non-toxic spray applied silicate solution specially designed to penetrate deeply into concrete material and react with concrete to form sub surface structure to seal up the pores, capillaries and hairline cracks.

USES

For all areas that requires waterproofing and moisture proofing, such as:

- Bathrooms • Concrete Roof • Bridges
- Car Park Driveway & Decking
- Sub-Structure Concrete • Runway etc.

ADVANTAGES

1. Seals existing cracks. Newly developed cracks will be sealed upon contact with water.
2. Hardening, dust-proofing and anti-efflorescence.
3. Excellent resistance against hydrostatic pressure.
4. Easy to apply.
5. Protect against water, chloride and sulphate ingress.
6. Improve resistance to chemical attack and carbonation.

TECHNICAL DATA

Appearance Colourless, Clear to slightly Cloudy

Flash Point Not Applicable

pH Alkaline

SG 1.10 – 1.25

Initial Surface Water Absorption (BS 1881, PT 208:1996)

10 mins 0.017 N/mm²

30 mins 0.020 N/mm²

1 hr 0.026 N/mm²

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

SURFACE PREPARATION

All surface must be cured for 28 days and must be free of grease, oil, dust and any contamination. Damage surface must be routed out & repaired with repair mortar as per Manufacturer recommendation.

APPLICATION

Stir well before use, do not dilute.

Clean the concrete area and using a low-pressure sprayer, flood all cracks with Davco K10 DP Sealer at approximately 1 liter per 3 linear meters.

Apply Davco K10 DP-Sealer directly over the surface to be treated according to the recommended coverage.

Apply another layer of Davco K10 DP-Sealer if the concrete surface dries up in 1 hour.

After approximately 2 - 6 hours, when the surface is dry, flood the surface with water.

Wait for 24 hours, before flooding the surface again with water.

Last flooding will be another 24 hours later and should be done similar to water ponding so as to test out the waterproofing performance.

COVERAGE

For Porous surface 4-5 m² per ltr

For smooth surface 6 m² per ltr

Cracks 1 ltr per 3 meters

PACKAGING

20 ltr pail and 208 ltr drum

Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website www.sika.com.sg

Sika (Singapore) Pte Ltd.

28 Tuas South Avenue 8 Singapore 637648

Tel: (65) 6861 0632 • Fax: (65) 6862 1172

Email: sales@sg.sika.com

Website: www.sika.com.sg

Online Store: davco-online.com.sg

