

## PRODUCT DATA SHEET

# Davco® K10 Premium

Polyurethane-containing liquid applied membrane

## DESCRIPTION

Davco® K10 Premium is a liquid-applied polyurethane-containing elastomeric seamless waterproofing membrane. Moisture-cured characteristics ensures that further works can be carried out at a shorter time once the membrane has dried out.

## USES

- All types of roofs, balconies and decks
- Waterproofing, repair and rust protections for gutters, troughs, parapet walls and flashings
- Waterproofing of external areas such as suspended structures
- Sealing of joints
- Lining faulty gutters and downpipes
- Eliminates soldering of cracked non-ferrous roof valleys and flashings

## CHARACTERISTICS / ADVANTAGES

- Liquid applied.
- No mixing
- High solid content
- Rapid curing
- Flexible
- Seamless application
- UV Resistant

## APPROVALS / STANDARDS

- Qualifies for LEED v4 and LEED v4.1 BETA projects globally
- Tested in accordance with the relevant ISO 16000, EN 16516, CDPH 01350, and ASTM D2369 testing standards

## PRODUCT INFORMATION

Packaging	4L pail 20L pail
Colour	Grey, White
Shelf Life	12 months in unopened containers.
Storage Conditions	Stored in a cool dry place.
Density	1.3±0.05

## TECHNICAL INFORMATION

Shore A Hardness	64 - 65
Dry film thickness	min. 0.8mm
Elongation at Break	500 - 800%
Tensile Adhesion Strength	1.5 - 1.7 MPa
Crack Bridging Ability	Max 3.2mm (10cycles)

# APPLICATION INFORMATION

## Consumption

## Coating System

Primer: Davco® K10 Acrylic Primer	~0.3 to 0.5 Kg/M <sup>2</sup>
Base Coat: Davco® K10 Premium K10 Premium	1.4 Kg/M <sup>2</sup> (Minimum for 2 Coats)

## Reinforced System

Primer: Davco® K10 Acrylic Primer	~0.3 to 0.5 Kg/M <sup>2</sup>
Base Coat: Davco® K10 Premium K10 Premium	~1.4 Kg/M <sup>2</sup> (Minimum for 2 Coats)
Reinforcing Mesh: Sikalastic® Fleece	>80 gsm
Base Coat: Davco® K10 Premium K10 Premium	~1.0 Kg/M <sup>2</sup>

*Please note that consumption/coverage is affected by substrate conditions (e.g. porosity, roughness)*

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

- Davco® K10 Premium can be applied by brush or roller. A minimum of 2 coats is required, unless a trowel method of application is adopted.
- Ponding test should be carried out at least 48 hours after the final application of Davco® K10 Premium.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

- All surfaces to be treated must be as clean and dry as possible. It may be necessary to wire brush areas where dirt or scale cannot be removed, with a stiff broom. Moisture content should not be at the saturated zone.
- Check surface for cracks, splits, flashing, coverings, etc. Where cracks exceed 1mm, crack must be repaired. It also recommended to use fabric matting, followed by a liberal application of Davco® K10 Premium.
- For reduction in blistering and better adhesion to concrete substrate, prime area with Davco® K10 Acrylic Primer prior to application.
- Proper slope to drain must be provided for the system as to prevent extensive ponding on Davco® K10 Premium

### APPLICATION

- Davco® K10 Premium should be applied directly from the pail.
- Apply one coat Davco® K10 Premium to the whole area and allow to cure, approx. 2-4 hours. (Temperature dependent)
- Apply the 2nd coat of Davco® K10 Premium in a perpendicular direction to 1st coat.
- All joints in floors should preferably be treated with additional coat of Davco® K10 Premium and appropriate joint solutions (e.g. Sikaflex®).

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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