



SK FASTORCH

POLYESTER REINFORCED WATERPROOFING MEMBRANE



ECO FRIENDLY



HIGH STRENGTH



PREFORMED MEMBRANE

DESCRIPTION

Davco SK Fastorch is a prefabricated roofing membrane manufactured under the most stringent quality control specifications, for the protection, repair and restoration of all types of roofs, gutters and structures.

SANDED OR MINERAL SURFACE

The top layer which is exposed to the sun is treated with fine sand for the sanded-finish and with small coloured granules for the mineral-finish. These sand or granules are factory applied during production, thus assuring minimal loss throughout the life of the roof. The treated surface offers:

- Excellent protection from U.V.
- Available in green, black, brown, buff, red and tan coloured granules.
- Eliminates need for coating or covering the top with concrete/ tiles, thus reducing roof load and extra expense.

MODIFIED ASPHALT

The asphalt is mixed with highly compatible modifiers to provide the membrane with better aging characteristics, and higher resistance to cold and hot temperatures. Davco SK Fastorch is flexible. When compared to regular asphalt, one can readily realize the benefits of the membrane.

POLYESTER CORE

The core of Davco SK Fastorch is reinforced with a non woven polyester mat which stretches up to 30%. Similar glass felts offer a maximum of 2% elasticity. This feature allows the membrane to accommodate thermal shocks and excessive roof movements.

BURN OFF FILM

A thin burn off film is factory applied during production. This film acts as heat gauging device. The applicator can watch the heat reaction of the film and therefore visually gauge the application temperature.

TECHNICAL DATA

Reinforcement (Nonwoven Polyester)	180 g/m ²
Softening Point ASTM D 36 - 76	143°C
Heat Stability UNI 8202 / 18	120°C
Cold Flexibility UNI 8202 / 15	-5°C
Water Absorption ASTM D 570 : 88	<1%
Water Vapour Transmission ASTM E 96/E 96M : 05	0.59 g/m ² /24hr
Tensile Strength ASTM D 412 : 2006ae ²	5 N/mm ²
Elongation at break ASTM D 412 : 2006ae ²	40%
Tear Resistance ASTM D 624:00 (2012)	150N
Dimension Stability 70°C ± 2°C for 6 hours SS 374 : 1994	
Avg Linear Change in Length	+ 0.01
Avg Linear Change in Width	+ 0.02
Modified Asphalt	APP
Surface Finish	Sanded or Mineral
Thickness of Sanded Surface	3mm , 4mm
Weight of Mineral Surface	4.5 kg / m ²
Roll size	1m width x 10m length
Colours available for Mineral Surface	Green Grey, Red, Black (on indent basis)

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.





SK FASTORCH

TYPICAL APPLICATION

- Reroof and new construction roof for commercial and residential.
- Foundation waterproofing.
- Dome shaped roofs.
- Bridge & Viaducts.
- Under floor waterproofing.
- Rooftop gardens.
- Patio decks

FEATURES

- Quick, simple, easy and inexpensive application.
- Only one layer is required, thus reducing roof load and installation cost.
- Can easily be maintained and repaired.
- Can be exposed directly to sun thus eliminating need for protective coating, concrete or tiles.
- No kettle or hot asphalt required.
- No height restriction on application.

APPLICATION PROCEDURE

STEP 1:

Clean surface and prime with Davco SK Primer.

STEP 2:

Begin from low point of roof to high. Application should begin in the valleys and work up hill to avoid backwater laps.

STEP 3:

Unroll the membrane fully and allow side laps, reroll halfway and begin torching. Allow 4" lap joints along the roll edges and 5" on roll ends and transverse joints.

STEP 4:

Pass the torch flame from side to side until the burn off film begins to fully melt. Move the roll at this time. DO NOT OVER HEAT.

STEP 5:

The sanded or granulated surface at the roll edges or end laps should be scrapped off to provide for a smooth surface.

STEP 6:

Recheck the seams to assure a minimal of 3mm bitumen outflow for water tight integrity.

Davco SK Fastorch Mineral System



Davco SK Fastorch Sanded System



EASY APPLICATION

On a smooth, dry and greasefree deck or surface, apply a layer of Davco SK Primer. After drying, torch Davco SK Fastorch whilst rolling and pressing onto the substrate. Head overlap has to be 12cm and edge 10cm, the use of a trowel to seal the overlap is necessary. Refer to safety data sheet.

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

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