

Formerly known as SOPRALENE STICK HR GR

SOPRAPLY STICK TRAFFIC CAP



WATERPROOFING

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET

ANZ-TDS-71-SOPRAPLY STICK TRAFFIC CAP

DESCRIPTION

SOPRAPLY STICK TRAFFIC CAP is a high performance cap sheet membrane composed of SBS modified bitumen and a composite reinforcement. The surface is protected by coloured granules and the self adhesive underface is covered with a split-back silicone release film.

SOPRAPLY STICK TRAFFIC CAP is provided with DUO SELVEDGE technology which allows the immediate sealing of the membrane along side laps.

APPLICATION FIELD

Designed for double layer application on horizontal surfaces, SOPRAPLY STICK TRAFFIC CAP is adhered on different substrate for the following general applications

- General roofing

APPLICATION METHOD

SOPRAPLY STICK TRAFFIC CAP is installed in total adhesion by peeling off the silicone release film. The overlaps are heat welded using a leister a hot air gun. The use of SOPRAMATIC automatic hot-air welder will greatly increase the speed and quality of the seal.

INSTALLATION PROCEDURE

SUBSTRATE

- No work should be started until all surfaces are smooth, dry, and free of ice, snow or any other substance that may prevent the membrane from adhering properly.
- Substrate must have a minimum 1% gradient to ensure that water drains to drainage outlets.
- Concrete substrate must be fully cured before application of the membrane.
- Concrete substrate must have a Concrete Surface Profile (CSP) between 2 and 4 as per International Concrete Repair Institute.
- Adhesion test is recommended prior to installation of membrane.
- Commencement of installation shall be taken as acceptance of the substrate by the Applicator
- The use of ELASTOCOL STICK primer is required before the installation of SOPRAPLY STICK TRAFFIC CAP membrane.

INSTALLATION

- Unroll SOPRAPLY STICK TRAFFIC CAP onto the roof surface.
- Once the SOPRAPLY STICK TRAFFIC CAP is in place, apply pressure over the whole surface using a membrane roller to ensure a complete and uniform adhesion.
- When completing the end lap, apply COLPLY ADHESIVE (cold adhesive) over the last 150 mm of the SOPRAPLY STICK TRAFFIC CAP and weld the last 40 mm using a hot air welder. Ensure end-laps are staggered by 50 cm apart.
- Finish the application by welding the last 25 mm of the side lap using an electric hot-air welder and a membrane roller. The use of SOPRAMATIC automatic hot-air welder will greatly increase the speed and quality of the seal.
- All penetrations and upturn details should be waterproof as per SOPREMA Installation Guides and detail drawings.
- Minimum application temperature: 0°C

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

High puncture resistance

High tear resistance

Cold application, flameless solution

High dimensional stability

Fast installation



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NOTE : ALL products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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PACKAGING

SPECIFICATIONS	SOPRAPLY STICK TRAFFIC CAP
Thickness	3.8 mm
Surface	Granules
Underface	Self-adhesive, covered with a silicone release film
Selvedge width	100 mm
Roll dimensions	10 m x 1 m
Roll weight	48 kg
Rolls per pallet	25

PROPERTIES

PROPERTIES	STANDARDS	SOPRAPLY STICK TRAFFIC CAP	
		BEFORE Heat Conditioning	AFTER Heat Conditioning
Reinforcement	-	Composite	
Strain energy, min MD/XD At 23 °C ± 2 °C At -18 °C ± 2 °C	CSA A123.23-15, Type C, Grade 1	8/6.5 kN/m 8/7 kN/m	7/6 kN/m 6.5/6 kN/m
Peak load, min MD/XD At 23 °C ± 2 °C At -18 °C ± 2 °C		17/14 kN/m 22/19 kN/m	18/15 kN/m 22/17 kN/m
Elongation at peak load, min MD/XD At 23 °C ± 2 °C At -18 °C ± 2 °C		55/55 % 45/45 %	50/50 % 35/35 %
Ultimate elongation, at 23 °C ± 2 °C MD/XD		65/65 %	55/55 %
Dimensional stability, max MD/XD		±0.2/±0.2 %	
Low temperature flexibility, max MD/XD		-27 / -27 °C	-18 / -18 °C
Low temperature flexibility after UV weathering max MD/XD		-12/-12 °C	
Compound stability at 102 °C		121 / 121 °C	
Resistance to puncture		Pass	
Granule embedment		Pass	

STORAGE AND HANDLING

Rolls must be stored upright, with the selvedge side on top. If stored outdoors, cover them with an opaque protection cover after removal of the delivery packaging.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by the Commonwealth or State Legislation. The owner, their representative and/or the contractor are responsible for checking the suitability of products for their intended use.



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