

SOPRASTICK TF

Formally known as DeboTack 2.5 T/F C175

February 2024

DESCRIPTION:

Self-adhesive membrane composed of self-adhesive elastomer SBS modified bitumen and a composite polyester reinforcement. It is used as a self-adhesive vapour repellent layer for concrete, steel, wooden surfaces or as a self-adhesive base layer within a multi layer waterproofing system in combination with a welded top layer. The upper surface is finished with talcum/sand. The self-adhesive overlap and lower surface are protected by a silicon release film.

CodeMark 
CMNZ70151



INSTALLATION:

Self-adhesive including the longitudinal overlaps (transverse overlaps to be welded). On substrates other than insulation with a suitable finish, the substrate is primed with Equus Peel & Stick Primer. In order to obtain a good adhesion, the membrane has to be placed at a temperature above 10°C. If installation takes place at lower temperatures, the surface has to be heated or the upper layer is to be welded directly after the base layer was placed. The full bond strength is achieved after the application of an additional thermal activation (e.g. welding upper layer). Before processing, the rolls must be stored for at least 12 hours at a temperature above +10°C.

PACKAGING:

Roll size: 10 m, Roll weight: 27 kg, Number of rolls on a pallet: 30.

TECHNICAL DATA:

Composition	Standard	Unit	Value	Tolerance
Reinforcement			Composite polyester	
Finish upper side			Talcum/sand	
Finish lower side			Silicon release film	
Coating mass			Self-adhesive elastomer modified bitumen	
Technical Characteristics				
Thickness	EN 1849-1	mm	2.5	± 5 %
Mass (Indicative)	EN 1849-1	kg/m ²	2.7	
Tensile force (L/T)	EN 12311-1	N/50 mm	780/650	± 20 %
Elongation at max. tensile force (L/T)	EN 12311-1	%	30/30	± 15 %
Dimensional stability	EN 1107-1	%	≤ 0.5	
Resistance to tearing (nail shank) (L/T)	EN 12310-1	N	335/335	± 25 %
Flexibility at low temperature	EN 1109	°C	≤ -15	
Flow resistance at elevated temperature	EN 1110	°C	≥ 100	
Reaction to fire	EN 13501-1	Class	E	
Water vapour diffusion-equivalent	EN 1931	m	125	± 20%

NPD: No Performance Declared



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SCOPE OF USE:

SOPRASTICK is used as a self-adhesive base sheet the SOPREMA range of bitumen membrane systems; primarily the DUO Roof & Deck Membrane System and the DUOTHERM Warm Roof System. The product glued via a self-adhesive 'peel and stick' application and can be used over plywood, cross-laminated timber (CLT), and roof cover board substrates. Along with an approved cap sheet the membrane forms a two-layer waterproof membrane designed for roofs, decks, balconies, terraces and podiums. This membrane can also be used as a self-adhered vapour barrier in an Equus Warm Roof system. It is suitable for new builds and refurbishments, residential and commercial construction, in any location and wind zone in New Zealand.

Suitable for other waterproofing applications with written approval by Equus Industries Ltd.

CONDITIONS OF USE:

Written approval is required for this membrane to be used on a substrate or in a waterproofing system not outlined in the standard Equus specifications. The membrane shall always be over laid with a bitumen membrane cap sheet, as out lined in an Equus standard specification.

The product must be installed by a Certified Equus Applicator. Verification of their status can be confirmed by a current applicator certificate or by contacting Equus Industries Ltd. Any installation must be done in accordance with the latest specifications and technical documentation, or with written approval by Equus Industries Ltd.

BUILDING CODE COMPLIANCE:

B2 Durability - B2.3.1 (b), SOPRASTICK has a durability of at least 15 years, and a life expectancy of 35 years, when installed with the correct specification, installation and maintenance. See CodeMark CMNZ70151, BRANZ Appraisal 685, DUO Durability Study.

E2 External moisture - E2.3.1, E2.3.2, E2.3.7 Test data, together with in-service history in New Zealand and internationally, of the correctly installed SOPRASTICK membrane over correctly designed and constructed substrates, show that the membrane successfully resists the ingress of moisture. See CodeMark CMNZ70151, BRANZ Appraisal 685, DUO Durability Study.

F2 Hazardous building materials - F2.3.1 Well known experience with the type of materials used together with in-service history, show that SOPRASTICK complies with this performance requirement. Refer to SDS at www.equus.nz

SUPPORTING DOCUMENTATION:

The following additional documentation supports the compliance statements:

Title (type)	Version	URL
CodeMark Certificate CMNZ70151	30 June 2023	https://equus.nz/content/reports/codemark-soprema-waterproofing-membranes.pdf
BRANZ Appraisal No. 685	27 April 2022	https://www.equus.nz/content/reports/branz-appraisal-duo-685.pdf
DUO Durability Study	2018	https://www.equus.nz/content/reports/durability-study-duo.pdf

STORAGE:

Membrane rolls shall be stored in a dry area, always in an upright (vertical) position. Do not lay rolls flat (horizontal) when storing.

HEALTH & SAFETY:**Hygiene, Health and Environment**

The product does not contain any substance which is likely to be detrimental to your health or the environment and complies with generally admitted Health and Safety Requirements. For more information, please refer to the relevant safety data sheet.

Quality, Environment and Safety Management

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with EN ISO 9001 and EN ISO 14001.

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WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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MANUFACTURERS CONTACT DETAILS:

Manufacture location	Belgium
Legal and trading name of manufacturer	Soprema New Zealand Limited
Manufacturer address for service	Level 3, Candida Building 4, 61 Constellation Drive, Mairangi Bay, Auckland 0630, New Zealand
Manufacturer website	www.soprema.com.au
Manufacturer email	info@soprema.com.au
Manufacturer phone number	+61 3 9221 6230
Manufacturer NZBN	9429050312962