

# DUO HT 4 Slates/F C180 FC AERO

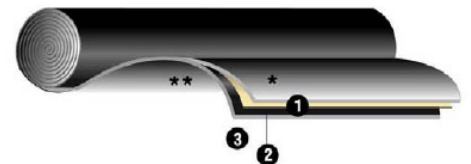
January 2025

## DESCRIPTION & APPLICATION:

A flexible waterproofing membrane with a dual reinforcement and a double polymeric bitumen coating. The upper coating consists of TPO (Thermoplastic PolyOlefins) - modified bitumen, resulting in a high mechanical resistance and is UV resistant. The undercoating consists of SBS (Styrene Butadiene Styrene) - modified bitumen with high elasticity and strong adhesion properties. The composite reinforcement of polyester and glass scrim, (180 g/m<sup>2</sup>) combine to provide strength and stability. The upper side is finished with optimally pressed in coloured slates and the underside is covered with a heat resistant polypropylene fleece. On this fleece ribbon strips in a soft elastomeric bitumen are applied. These strips have a width of 65mm and an interval of 60mm. The length of the strips is ± 50 cm and they assure a bonding of min. 50% of the surface with the underground. The area between the ribbons constitute ducts that allows any vapour pressure to diffuse all over the roof surface. The selvedge with a width of 10 cm is coated with SBS modified bitumen to ensure a SBS-SBS seal. This provides an easy application technique and perfectly sealed joints. It is especially used as a cap sheet for single layer for partially torched applications.

**CodeMark** >>>

CMNZ70151



- \* coloured slates
- 1. Upper coating in TPO-plastomer modified bitumen
- 2. Composite reinforcement 180 g/m<sup>2</sup> of polyester and glass scrim
- 3. Under coating in SBS elastomer bitumen
- \*\* polypropylene fleece + stripes + sacrificial film

## PACKAGING:

Roll size: 8 m, Roll weight: 40 kg, Number of rolls on a pallet: 20.

## TECHNICAL DATA:

Characteristics	Test Method	Units	Expression of Result	Value
Length x width	EN 1848-1	m x m	MLV ≥	8 x 1
Thickness	EN 1849-1	mm	MDV ± 5%	4 + 0.8 (ribbons)
Visual defects	EN 1850-1	-	Pass/No Pass	Pass
Straightness	EN 1848-1	-	Pass/No Pass	Pass
External fire performance (1) (2) (3)	ENV 1187	-	In accordance with EN 13501-5	NPD
Reaction to fire	EN 13501-1	-	In accordance with EN 13501-1	F
Tensile strength (L/T)	EN 12311-1	N/50 mm	MDV ± 20%	880/880
Elongation (L/T)	EN 12311-1	%	MDV ± 15	50
Resistance to static loading	EN 12730	kg	MLV ≥	L25
Resistance to impact	EN 12691	mm	MLV ≤	I10
Dimensional stability	EN 1107-1	%	MLV ≤	0.3
Flexibility at low temperature TPO/SBS - initial - after aging (EN 1296)	EN 1109	°C °C	MLV ≤	-15/-20 -5/-5



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**TECHNICAL DATA continued:**

Characteristics	Test Method	Units	Expression of Result	Value
Flow resistance at elevated temperature - initial - after aging (EN 1296)	EN 1110	°C °C	MLV ≥	110 100
Joint strength: shear resistance	EN 12317-1	N/50 mm	MDV ± 250	750
Water tightness	EN 1928		Pass/No Pass	Pass
Adhesion of granules	EN 12039	%	MDV ± 5%	10

MDV: Manufacturer's Declared Value  
 MLV: Manufacturer's Limiting Value  
 NPD: No Performances Declared

**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:**

SOPRADERE QUICK primer is solvent-based and must be used with adequate ventilation. Remove all naked flames and sources of ignition. Adequate ventilation is required to minimise exposure to bitumen fumes during the torching process. Safety Data Sheet (SDS) must be read and understood prior to use of product.

**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