

# SOPRASMART BOARD 180

 TECHNICAL DATA SHEET  
 121002SCAN1E  
 (supersedes -)

## DESCRIPTION

**SOPRASMART BOARD 180** is a high density support panel composed of a non-woven polyester reinforced membrane with thermofusible surface, laminated on a semi-rigid asphaltic board (**SOPRABOARD**).

**SOPRASMART BOARD 180** can be mechanically fastened, adhered with **DUOTACK** or with hot bitumen.

### DUO SELVEDGE

For safe installation, **SOPRASMART BOARD 180** is provided with **DUO SELVEDGE**, a unique technology developed and patented by **SOPREMA**. The first 60 % of **DUO SELVEDGE** is self-adhesive, which protects components under the base sheet when the remaining 40 % surface of the selvedge is heat-welded or sealed with a hot air gun and a round nosed trowel.

**FOR COMPLETE INFORMATION ON APPLICATION AND SYSTEMS, PLEASE CONSULT OUR SPECIFICATION MANUAL.**

## PACKAGING

Specifications	SOPRASMART BOARD 180	
Total Thickness	5.4 mm (7/32 in)	7 mm (9/32 in)
Membrane Reinforcement	Non-woven polyester	
Board Dimensions	0.91 m x 2.44 m (3 ft x 8 ft)	
Total Weight	6.9 kg/m <sup>2</sup> (1.41 lbs/ft <sup>2</sup> )	9.5 kg/m <sup>2</sup> (1.99 lbs/ft <sup>2</sup> )
Surface	Thermofusible plastic film	
Underface	Semi-rigid asphaltic board	
Units per pallet	65	45

## PROPERTIES

Properties	Standards	Membrane
Membrane Thickness	-	2.2 mm (86.6 mils)
Breaking Strength, MD/XD	CAN/CGSB-37.56-M, 9 <sup>th</sup> draft	17.0 / 12.5 kN/m
Ultimate Elongation, MD/XD	CAN/CGSB-37.56-M, 9 <sup>th</sup> draft	60 / 65 %
Tear Strength	ASTM D5601	60 N
Cold Bending - Initial - 90 days at 70 °C	CAN/CGSB-37.56-M, 9 <sup>th</sup> draft	-30 °C -30 °C

(All values are nominal)

Properties	Standards	Asphaltic Board	
Board Thickness	-	3.2 mm (1/8 in)	4.8 mm (3/16 in)
Puncture Resistance	ASTM E154	500 N	
Water Absorption	ASTM D994	0.25 %	

(All values are nominal)