

# SENTINEL G200



WATERPROOFING

APPLICATIONS

ROOFS

TECHNICAL DATA SHEET 210302SCANE

(supersedes 190621SCANE)

## DESCRIPTION

SENTINEL G200 is a membrane composed of thermoplastic polyvinyl chloride (PVC) and a fibreglass reinforcement. SENTINEL G200 is installed on single-ply roofing systems. It is available in white and grey.

## INSTALLATION

### ADHESIVE

SENTINEL G200 is fully bonded with SENTINEL S BONDING ADHESIVE making sure to leave 38 mm (1.5 in) without adhesive along every side and end lap so they can be properly sealed using a hot air welder.

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

## SOLAR RATING as per Cool Roof Rating Council (CRRC)

MEMBRANE COLOUR	SOLAR REFLECTANCE		THERMAL EMITTANCE		SRI	
	Initial	3 years	Initial	3 years	Initial	3 years
White	0.85	0.73	0.89	0.88	108	90

(All values are nominal)

## PACKAGING

Specifications	SENTINEL G200	
Thickness	2.0 mm (80 mils)	
Reinforcement	Fibreglass	
Underface	Bare-backed	
Available width	0.76 m (2.5 ft)	3 m (10 ft)
Length	19.8 m (65 ft)	
Coverage	15.0 m <sup>2</sup> (162 ft <sup>2</sup> )	60.4 m <sup>2</sup> (650 ft <sup>2</sup> )
Weight	36.2 kg (80 lb)	144 kg (318 lb)
Qty/pal	20	10

(All values are nominal)



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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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## PROPERTIES

Properties	Standards	SENTINEL G200
Breaking strength, MD/XD	ASTM D751	18/16 kN/m (100/90 lbf/in)
Elongation at break	ASTM D751	260%
Seam strength (min. 75% of breaking strength)	ASTM D751	Pass
Tearing strength, MD/XD	ASTM D751	75.6/75.6 N (17/17 lbf)
Low temperature bend at -40 °C (-40 °F)	ASTM D2136	Pass
Linear dimensional change	ASTM D1204	< 0.04%
Static puncture resistance at ≥ 15 kg (33 lbf) min.	ASTM D5602	Pass
Dynamic puncture resistance at 10 J (min.)	ASTM D5635	Pass

(All values are nominal)

## STORAGE AND HANDLING

SENTINEL G200 rolls must be stored lengthwise on a pallet in a clean and dry location, covered with tarps.



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