

SENTINEL G200

TECHNICAL DATA SHEET 190621SCANE

(supersedes -)



WATERPROOFING

APPLICATIONS

ROOFS

DESCRIPTION

SENTINEL G200 is a membrane composed of thermoplastic polyvinyl chloride (PVC) and a fiberglass reinforcement. **SENTINEL G200** is installed on singleply roofing systems. It is available in white.

INSTALLATION

ADHESIVE

SENTINEL G200 is fully adhered 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 sealing 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 year | Initial | 3 year | Initial | 3 year |
| White | 0.85 | 0.73 | 0.89 | 0.88 | 108 | 90 |

(All values are nominal)

PACKAGING

| Specifications | SENTINEL G200 | |
|-----------------|--|--|
| Thickness | 2.0 mm (80 mil) | |
| Reinforcement | Glass fiber | |
| 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 ² (162 ft ²) | 60.4 m ² (650 ft ²) |
| Weight | 36.2 kg (80 lb) | 144 kg (318 lb) |
| Qty/pal | 20 | 10 |

(All values are nominal)



SOPREMA.US • 1.800.356.3521

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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.

TDS_SENTINEL_G200.indd

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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, @ -40°C (-40°F) | ASTM D2136 | Pass |
| Linear dimensional change | ASTM D1204 | < 0.04 % |
| Static puncture resistance, @ ≥ 15 kg (33 lbf) min | ASTM D5602 | Pass |
| Dynamic puncture resistance, @ 10 J min | ASTM D5635 | Pass |

(All values are nominal)

STORAGE AND HANDLING

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



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