

SENTINEL® G200

Fiberglass Reinforced, 80 mil, Bare-Backed PVC Detail Membrane



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PDS10303 - REV 230523

PRODUCT NUMBERS:

- P301-D - **2.5 x 65 ft (0.8 x 19.8 m) - Roll (White)**
- P301-D-T* - **2.5 x 65 ft (0.8 x 19.8 m) - Roll (Tan)**
- P301-D-G - **2.5 x 65 ft (0.8 x 19.8 m) - Roll (Gray)**

* P301-D-T is only available by special order. Contact customer services for lead times and product availability.

DESCRIPTION & FEATURES:

SENTINEL G200 is a bare-backed, thermoplastic polyvinyl chloride (PVC) membrane designed to be used as a flashing membrane. **SENTINEL G200** is reinforced with a tough fiberglass mat that is encapsulated on both sides with a proprietary thermoplastic PVC formulation. **SENTINEL G200** is available in a variety of colors, including white, gray and tan.

- Formulated utilizing only the highest quality polymers and plasticizers to produce consistent and reliable welds in a variety of ambient temperatures
- Detail membrane is intended to be used for flashing pipes, inside and outside corners and other unusual shaped penetrations.
- Manufactured with a minimum 40 mil thickness above scrim for a 80 mil sheet for durability and weathering resistance
- Reinforced with a glass fiber mat that increases the membrane's strength and durability
- Excellent resistance to inorganic chemicals and bacterial growth
- Meets or exceeds requirements of ASTM D4434, Type II

APPLICATION:



FULLY
ADHERED

SENTINEL G200 is applied to approved substrates using SENTINEL H₂O or SENTINEL S Bonding Adhesives. Prior to installation, unroll **SENTINEL G200** onto the roof surface and allow to relax. Place **SENTINEL G200** in desired position and back roll the product. Apply approved adhesive according to published specifications. Please refer to the specific product data sheet for application guidelines. All laps must be heat-welded to ensure a water tight seal.

Refer to the SOPREMA PVC Membrane Roofing Technical Manual for complete application guidelines.

STORAGE:

Store rolls in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture.

WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.

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TECHNICAL INFORMATION & TESTING:

SHEET PROPERTIES	
PROPERTY	VALUE
Technology	Thermoplastic polyvinyl chloride (PVC)
ASTM standard	ASTM D4434, Type II
Reinforcement	Glass fiber
Back surfacing	Bare-backed

DIMENSIONS & MASS		
PROPERTY	VALUE	ASTM TEST METHOD
Length, ft (m)	65 (19.8)	D4434
Width, ft (m)	2.5 (0.8)	D4434
Coverage,* ft ² (m ²)	80 (2.0)	D4434
Roll weight, lb (kg)	80 (36.2)	D4434
Rolls per pallet	20	D4434
Pallet weight, lb (kg)	1,650 (748)	D4434
Thickness, mils (mm)	80 (2.0)	D4434
Thickness over scrim, mils (mm)	40 (1.0)	D4434
Net mass per unit area, lb/100 ft ² (g/m ²)	49 (2,390)	D4434

*Coverage rate as reported assumes installation using side and end lap recommendations.

PHYSICAL PROPERTIES			
PROPERTY	MD	XMD	ASTM TEST METHOD
Peak load, lbf/in (kN/m)	100 (18)	90 (16)	D751
Elongation at peak load, %	260	260	D751
Seam strength (min 75% of breaking strength)	Pass	Pass	D751
Tear strength, lbf (N)	17 (75.6)	17 (75.6)	D751
Low temperature flexibility, °F (°C)	Pass	Pass	D2136
Dimensional stability, %	< 0.04	< 0.04	D1204
Static puncture resistance, @ ≥ 33 lbf (15 kg), minimum	Pass	Pass	D5602
Dynamic puncture resistance, @ 10 J, minimum	Pass	Pass	D5635

Data is represented by average values, unless noted otherwise.