

# SOPREMA SELECT

# APP POLY SP

Heat-welded, Sanded-surfaced APP-Modified Bitumen Membrane

PDS10455-REV 240806

## DESCRIPTION & FEATURES

APP POLY SP is a 3.8 mm (150 mil) APP (atactic polypropylene) modified bitumen roofing membrane. SOPREMA's exclusive APP polymer and asphalt formulation yields excellent weathering characteristics and long-term durability. It is reinforced with a non-woven polyester mat that provides added strength and puncture resistance to the membrane.

- Excellent heat and UV resistance
- Backed with a plastic burn-off film for ease of heat welding installation
- Meets or exceeds requirements of ASTM D6222, Type I, Grade S

## PRODUCT CHARACTERISTICS

Technology	APP polymer modified bitumen
ASTM	D6222 Type I, Grade S
Reinforcement	Non-woven polyester
Surface	Sanded
Underface	Thermofusible plastic film



## PRODUCT INFORMATION

Product Number	Length ft (m)	Width in (m)	Thickness mils (mm)	Weight lb (kg)	Coverage sq ft (sq m)	Rolls/Pallet
22903BT	Min: 32.8 (10.0)	Avg: 39.4 (1.0)	Avg: 150 (3.8)	Min: 89 (40.4)	Min: 97.9 (9.1)	20

## PHYSICAL PROPERTIES

PROPERTY / UNIT	MD	XMD	ASTM TEST METHOD
Peak load @ 0°F (-18°C); lbf/in (kN/m) (avg)	145 (25.4)	105 (18.4)	D5147
Elongation at peak load @ 0°F (-18°C); % (avg)	30	25	D5147
Peak load @ 73.4°F (23°C); lbf/in (kN/m) (avg)	110 (19.3)	75 (13.1)	D5147
Elongation at peak load @ 73.4°F (23°C); % (avg)	45	45	D5147
Tear strength @ 73.4°F (23°C); lbf (N) (avg)	150 (667)	115 (512)	D5147
Dimensional stability; % (max)	< 0.5	< 0.5	D5147
Low temperature flexibility; °F (°C) (max)	5 (-16)	5 (-16)	D5147
Compound stability; °F (°C) (min)	> 275 (135)	> 275 (135)	D5147

All values shown are nominal and subject to normal manufacturing tolerances.

## INSTALLATION

Surface Preparation	The substrate should be clean, stable, dry, free of any loose materials, grease, and other contaminants, which may compromise the product's performance.
Minimum Installation Temperature	40°F (4°C)
Installation	Install with traditional torch roofing techniques ensuring proper heating of the roofing material as not to expose the reinforcement. Apply consecutive rolls providing a minimum 6-inch end lap and 3-inch side lap. A 1/4 inch bleed-out should be visible at all seams.
Recommendations/Restrictions	When heat welding on combustible substrates (wood, plywood, and OSB), a protective cover board must be installed before application. Keep any combustible material away from an open flame.
Storage	Store rolls in an upright position to prevent damage. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture.



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