

SOPREMA SELECT

APP POLY GR

Granulated APP-Modified Bitumen Membrane

PDS10454-REV 2400806

DESCRIPTION & FEATURES

APP POLY GR is a 4.0 mm (157 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. APP POLY GR is available in standard black or white mineral surfacing.

- Excellent heat and UV resistance
- Granule surfacing provides added resistance to weathering and foot traffic
- Meets or exceeds requirements of ASTM D6222, Type I, Grade G

PRODUCT CHARACTERISTICS

Technology	APP polymer modified bitumen
ASTM	D6222 Type I, Grade G
Reinforcement	Non-woven polyester
Surface	Ceramic coated granules
Underface	Sanded



PRODUCT INFORMATION

Product Number	Length ft (m)	Width in (m)	Thickness mils (mm)	Weight lb (kg)	Coverage sq ft (sq m)	Rolls/Pallet
56006 (Black)	Min: 32.8 (10.0)	Avg: 39.4 (1.0)	Avg: 157 (4.0)	Min: 105 (47.6)	Min: 97.9 (9.1)	20
56007 (White)						

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
Granule embedment; g	< 2.0		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 the membrane using cold-applied adhesive or heat welded. When installed with an adhesive, all side and end laps need to be fully heat welded. Side laps must be a minimum of 3 inches (76 mm) and end laps a minimum of 6 inches (152 mm).
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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