

### Meets the requirements of ASTM D 6222, Type I, Grade G

#### Features and Components

APPEX 4.5M is used as a cap or flashing sheet in APP multi-ply roofing systems.

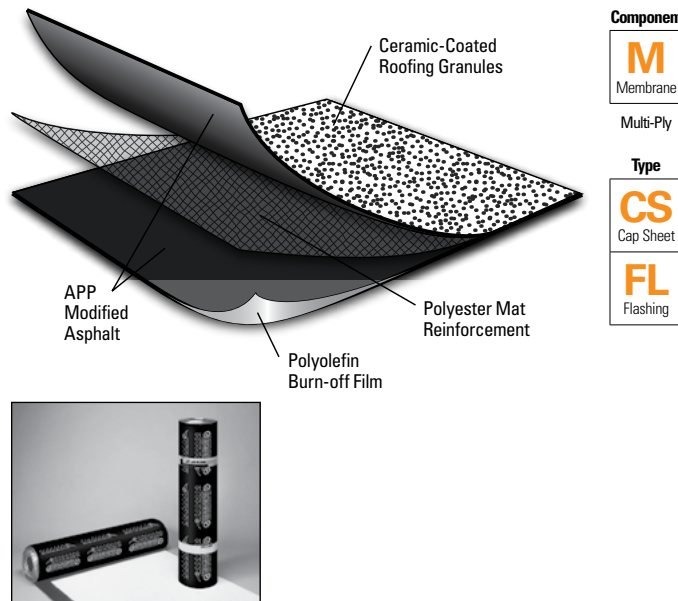
**Ceramic-Coated Roofing Granules:** Specifically engineered for optimal embedment in the APP-blended sheet. The ceramic coating promotes excellent long-term adhesion.

Standard granule colors are available in white and black. Additional colors are available in the Southwest and Pacific districts to include weathered wood, red, burnt sienna, chestnut, slate, tan and terra cotta. (Special colors may require extended lead times).

**APP (Atactic Polypropylene) Polymer and Asphalt Blend:** Provides an extremely durable sheet with excellent weathering characteristics, flexibility and dimensional stability for ease of handling and quick installations.

**Polyester Reinforcement Mat:** Offers good tensile strength, toughness and puncture resistance and can accommodate stresses created by typical rooftop expansion and contraction forces.

**Polyolefin Burn-Off Film:** Promotes ease of heat welding.



**Colors:** White and Black are standard. In the Southwest and Pacific, additional colors are available in weathered wood, red, burnt sienna, chestnut, slate, tan and terra cotta. (Special colors may require extended lead times).

#### System Compatibility *This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.*

Multi-Ply	BUR		APP		SBS			
	HA	CA	CA	HW	HA	CA	HW	SA
<b>Compatible with the selected Multi-Ply systems above</b>								

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
<b>Do not use in Single Ply systems</b>							

**Key:** HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

#### Energy and the Environment

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%

#### Peak Advantage® Guarantee Information

Systems	Guarantee Term
Dependent on system*	Up to 20 years

\*Contact JM Technical Services for specific system requirements or guarantee terms.

#### Codes and Approvals



• UL Class A ratings may be obtained in numerous constructions, both new and re-roof at slopes up to 1" per foot (83 mm/m).

#### Product Application



Heat Weld

Refer to JM APP modified bitumen specifications and detail drawings for application and slope information.

#### Packaging and Dimensions

Roll Width	39 3/8" (1 m)
Roll Length	32' 10" (10.01 m)
Roll Coverage*	95.8 ft² (8.9 m²)
Roll Weight	96 lb (44 kg)
Rolls per Pallet	25
Pallets per Truck**	22

\*Assumes a 4" side lap.

\*\* Assumes a 48' flatbed truck.

Refer to the Material Safety Data Sheet and product label prior to using this product. The Material Safety Data Sheet is available by calling (800) 922-5922 or on the Web at [www.jm.com/roofing](http://www.jm.com/roofing).

**Meets the requirements of ASTM D 6222, Type I, Grade G**

### Tested Physical Properties

Physical Properties		ASTM Test Method	APPEX 4.5M	
			MD*	XMD**
Strength	Tensile Tear	D 5147	101 lb/in. (45.8 kN/m)	62 lb/in. (28.1 kN/m)
	Peak Load at 0°F (-18°C)	D 5147	90 lbf/in. (40.8 kN/m)	55 lbf/in. (24.9 kN/m)
Longevity	Low Temp. Flexibility - Unconditioned	D 5147	14°F (-10°C)	
	Thickness	D 5147	165 mil (4.2 mm)	
	Elongation at Peak Load at 0°F (-18°C)	D 5147	38%	42%
Installation	Dimensional Stability	D 5147	0.9%	0.6%

\*MD = Machine Direction

\*\*XMD = Cross-Machine Direction

Note: All data represents tested values.