



# JM APPeX<sup>®</sup> Modified Bitumen

*Long-Term Performance  
With Heat-Welded Convenience*



*Standing up to what nature dishes out,  
for years and years to come.*

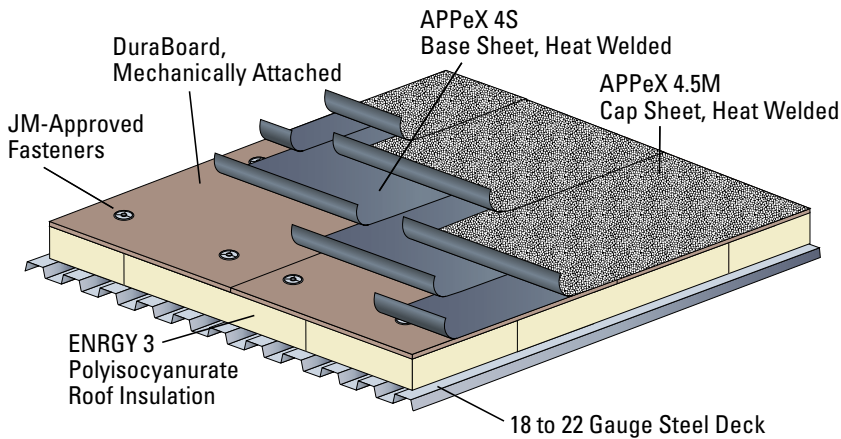
**APPeX® membranes set the standard for toughness.**

Our proprietary blend of atactic polypropylene (APP) polymer and high-quality asphalt, reinforced by our tough nonwoven polyester mat, provides outstanding tensile strength while maintaining critical flexibility – even in the coldest environments.

Whether you choose APPeX® 4S, APPeX® 4.5M or fire-resistant APPeX® 4.5M FR, these membranes are noted for standing up to punctures, tearing, rooftop traffic, and typical expansion and contraction forces. In even the toughest climates they resist cracking, blistering and UV damage.

**No hot mopping necessary. Heat-welded APPeX is easier to handle, quicker to install.**

The APPeX modified bitumen bottom coating may be heated to the point where it acts as its own adhesive, bonding to the substrate and overlapping edges. The back of the sheet has a printed polyolefin burn-off film adhered to a diamond-embossed, textured surface for ease of heat welding. With just the right torchability across a wide range of temperatures, our heat-welding capability means a faster application and a cleaner finish.



**A complete APPeX system, backed by the strength of Johns Manville.**

JM has been providing comprehensive roofing systems for more than 150 years. Our dedication to research and development is behind our innovative, comprehensive solutions. With the convenience of a single-source provider, our APPeX membranes are complemented by a complete line of insulations, adhesives and specialty roofing products – everything you need for an effectively integrated system.

**A highly durable product. And our Peak Advantage® Guarantee is just as strong.**

When the system is installed by a Peak Advantage Contractor, you have access to some of the strongest guarantees in the industry, giving building owners added confidence in the value of your APPeX roof.

## The colors to complement our strength.

JM APP membranes have a factory-applied mineral surfacing that offers further protection from weather, UV rays and foot traffic. This surfacing is available in several colors that have been developed to coordinate with or match many steep roofing material colors, providing a seamless tie-in. Choose from:

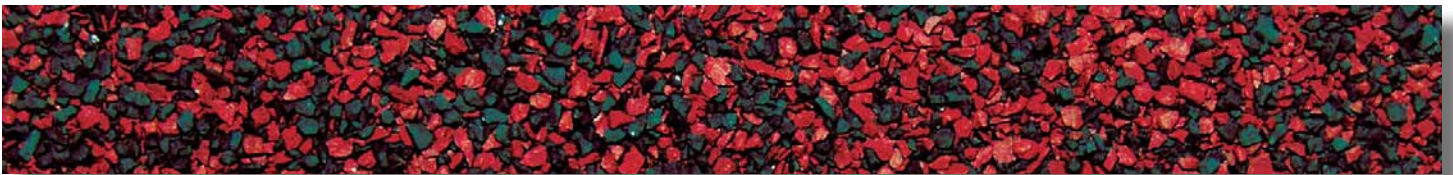
### White



### Weathered Wood



### Red



### Burnt Sienna



### Chestnut



### Slate



### Tan



### Terra Cotta



## JM APPeX® Modified Bitumen Specifications

Material meets or exceeds the criteria for ASTM 6222, Type I, Grade G or Grade S.

### APPeX® 4S

Excellent weatherability, high tensile strength and puncture resistance with a smooth, nonblocking surface.

**Sheet Thickness**

150 mil (3.8 mm)

**Sheet Size**

39 <sup>3</sup>/<sub>8</sub>" x 32' 10" (1 m x 10.01 m)

### APPeX® 4.5M

Excellent weatherability, high tensile strength and puncture resistance.

**Sheet Thickness**

165 mil (4.2 mm)

**Sheet Size**

39 <sup>3</sup>/<sub>8</sub>" x 32' 10" (1 m x 10.01 m)

### APPeX® 4.5M FR

Excellent weatherability, high tensile strength and puncture resistance with fire-resistant additives for UL® Class A.

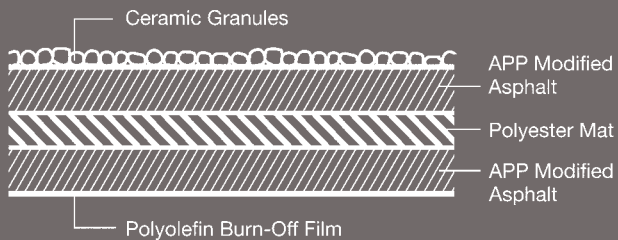
**Sheet Thickness**

169 mil (4.3 mm)

**Sheet Size**

39 <sup>3</sup>/<sub>8</sub>" x 32' 10" (1 m x 10.01 m)

## APP Membrane Composition



## Product Warranties

Johns Manville designs roofing products that work together to provide a one-source comprehensive roofing system solution. Total roofing system guarantees are available under the JM Peak Advantage® Guarantee program. To learn more about our standard guarantee terms and conditions, visit our Web site at [www.jm.com](http://www.jm.com) or talk to your local JM sales representative.

JM Peak Advantage Guarantees are available only on qualified JM roofing systems containing JM roofing products. JM standard product terms and conditions will apply to include a one-year limited product warranty. Limited product warranty information is available at [www.jm.com/roofing](http://www.jm.com/roofing).



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