

JM VAPOR BARRIER SA

Polyethylene-Reinforced, Self-Adhering SBS Vapor Barrier

Features and Components

Tri-laminate woven polyethylene, nonslip, UV-protected top surface: Provides temporary weather protection for 90 days. Provides high tensile strength and puncture resistance.

Self-sealing, high-quality SBS rubber and asphalt blend: Provides low air and vapor permeability.

Silicone release film: Allows for ease of self-adhering installation.





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

| Ρ | <u></u> ≥ BUR | | APP | | SBS | | | Ply | | TPO | | PVC | | EPDM | | | |
|---|--|----|-----|----|------|----|----|-----|---|-----|----|-----|----|------|----|----|----|
| Ē | HA** | CA | CA | HW | HA** | CA | HW | SA | | gle | MF | FA | MF | FA | MF | FA | BA |
| ž | Compatible with all Multi-Ply systems* | | | | | | | Sin | Compatible with all Single Ply systems* | | | | | | | | |

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted * This product is compatible with all systems when used as a vapor barrier.

** Do not apply hot asphalt to this product.

Energy and the Environment

| Pre-Consumer Recycled Content | 0% |
|--------------------------------|----|
| Post-Consumer Recycled Content | 0% |

Peak Advantage® Guarantee Information

| Systems | Guarantee Term |
|---|--------------------|
| When used as a vapor barrier in most JM systems.* | 10, 15 or 20 years |

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

Codes and Approvals



Installation/Application



Self-Adhered

- This product is not suitable for hot asphalt application to the top surface
- Can be installed on plywood, gypsum or concrete board as well as asphalt, metal or concrete
- All substrates must be primed prior to installation
- Minimum application temperature is 14°F (-10°C)
- Ideal for low-slope applications up to 3" per foot (7.5 cm/m) or 14°
- Side laps are 3" (7.62 cm); end laps are 6" (15.24 cm)
- Refer to Vapor Barrier Installation Instructions for application information

Packaging and Dimensions

| Roll Coverage* | 468 ft ² (43.5 m ²) | | |
|---------------------|--|--|--|
| Roll Length | 134 ft (40.8 m) | | |
| Roll Width | 45 in (1.1 m) | | |
| Roll Weight | 80 lb (35.8 kg) | | |
| Rolls per Pallet | 25 | | |
| Pallet Weight | 2,050 lb (930 kg) | | |
| Pallets per Truck** | 26 | | |

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

*Assumes a 4" side lap **Assumes 48' flatbed truck.



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Tested Physical Properties

| | | ASTM | Vapor Barrier SA | | | |
|-------------|--|-------------|----------------------------|----------------------|--|--|
| Phy | rsical Properties | Test Method | MD* | XMD** | | |
| _ | Tear Resistance | D 1970 | 95 lbf (423 N) | 103 lbf (400 N) | | |
| Strength | Tensile Strength | D 5147 | 54 lbf/in. (9.5 kN/m) | 74 lbf/in. (13 kN/m) | | |
| S | Static Puncture | D 5602 | 90 lbf (400 N) | | | |
| | Low Temp. Flexibility | D 5147 | -58°F (-50°C) | | | |
| evity | Thickness | D 5147 | 31.5 mil (0.8 mm) | | | |
| Longevity | Lap Adhesion | D 1876 | 68 lbf/ft (1000 N) | | | |
| | Elongation at Peak Load at 0°F (-18°C) | D 5147 | 52% | 24% | | |
| | Water Absorption | D 5147 | 0.1% max. | | | |
| nce | Peel Resistance | D 903 | 5.4 lbf/in (950 N) | | | |
| Performance | Water Vapor Permeance | E 96 | 0.03 perm (1.7 ng/Pa•s•m²) | | | |
| Peri | Air Permeehility | E 2178 | < 0.001 L/s/m² | | | |
| | Air Permeability | E 283 | < 0.002 L/s/m² | | | |

*MD = Machine Direction

**XMD = Cross-Machine Direction

Note: Material tested in accordance with ASTM D 5147 Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Materials.