

Meets the requirements of ASTM D 4434, Type III

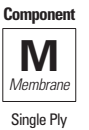
Features and Components

Non-wicking Reinforced Polyester Scrim: Our fully integrated manufacturing process adds tensile strength and toughness. Edge sealant is not a requirement for cut edges.

Excellent Chemical Resistance: JM PVC is inherently resistant to oils, air conditioning coolants, fuels and grease.

Energy Savings: The white membranes provide exceptional reflectivity and emissivity for energy savings.

Patented Aramid-Reinforced Edge: Aramid fiber is woven into the fastening side of PVC membrane.



Color

White

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 | HW | HA | CA | HW | SA | MF | |
| <i>Do not use in multi-ply systems</i> | | | | | | | | | |

| Single Ply | TPO | | | | PVC | | | EPDM | | |
|--|-----|----|----|----|-----|----|----|------|----|----|
| | MF | AD | SA | IW | MF | AD | IW | MF | AD | BA |
| <i>Compatible with the selected single ply systems above</i> | | | | | | | | | | |

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened IW = Induction Weld BA = Ballasted AD = Adhered

Energy and the Environment

| Standard | | Reflectivity | Emissivity |
|------------------|-----------------|--------------|------------|
| CRRC® | White | Initial | 0.86 |
| | | 3 Yr. Aged | 0.70 |
| CA Title 24 | White | Pass | 0.86 |
| LEED® (SRI) | White | Initial | 108 |
| | | 3 Yr. Aged | 84 |
| Recycled Content | Post-consumer | 0% | |
| | Post-industrial | 0% - 10% | |

The LEED® Solar Reflectance Index (SRI) is calculated per ASTM E1980.

Peak Advantage® Guarantee Information

| Product Thickness | Terms |
|-------------------|------------------------|
| 60 mil MIN | 5, 10, 15 or 20 yr NDL |

Guarantee terms are for mechanically fastened and fully adhered systems. Mixed-membrane jobs – JM PVC SD Plus and JM PVC (KEE) – will not be eligible for a JM Peak Advantage Guarantee. JM PVC SD Plus is not compatible with JM PVC and should not be used in JM PVC Systems.

Codes and Approvals



Installation/Application



Adhered Mechanically Fastened Hot Air Weld

Refer to JM PVC application guides and detail drawings for instructions.

Packaging and Dimensions

| | |
|-------------------------|---------------------------------|
| Size | 10' x 100' (3.05 m x 30.48 m) |
| Coverage | 1000 ft² (92.96 m²) |
| Widths | 10' |
| Rolls per Pallet | 9 |
| Pallet Weight - lb (kg) | 3865 (1753.1) |
| Pallets per Truck* | 8 |
| Producing Locations | Lancaster, SC and Pawtucket, RI |

*Assumes 48' flatbed truck.

Mixed membrane jobs of JM PVC SD Plus and JM PVC will not be eligible for a JM Peak Advantage® Guarantee. JM PVC accessories are formulated to be compatible with JM PVC SD Plus and JM PVC.



JM PVC SD Plus — 60 mil MIN

Polyester-Reinforced Thermoplastic Polyvinyl Chloride Membrane

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Manufactured Physical Properties

| Physical Properties | | ASTM Test Method | ASTM Requirements | 60 mil MIN Result |
|-----------------------|--|------------------|----------------------|-------------------|
| Strength | Breaking Strength, min, lbf (N) | D 751 | 200 (890) | 240 (1,068) |
| | Elongation at Break, min, % | D 751 | 15 | 15 |
| | Tearing Strength, min, lbf (N) | D 751 | 45 (200) | 45 (200) |
| | Seam Strength, min, % of breaking strength | D 751 | 75 | 80 |
| | Static Puncture Resistance lbf (kg) | D 5602 | Pass @ 33 (15) | Pass |
| | Dynamic Puncture Resistance J | D 5635 | Pass @ 20 | Pass |
| Longevity | Thickness, min, in. | D 751 | +/- 10% from Nominal | 0.060 Minimal |
| | Thickness Over Scrim, min, in. | D 7635 | 0.016 | 0.025 |
| | Change in Weight After Immersion in Water, max, % | D 570 modified | 3.0 | 3.0 |
| | Low Temperature Bend, °F | D 2136 | No cracks @ -40° F | Pass |
| Heat Aged Performance | Properties after Heat Aging, min | D 3045 | 56 days @ 176° F | |
| | Breaking Strength, % | D 751 | 90 | >90 |
| | Elongation, % | D 751 | 90 | >90 |
| | Linear Dimensional Change, max, % after 6 hrs @ 176° F | D 1204 | 0.5 | <0.5 |
| Weather Performance | Accelerated Weathering, min | G 151 & G 154 | 5,000 hrs | |
| | Cracking (@7x magnification) | G 154 | No cracks | Pass |
| | Discoloration (by observation) | G 154 | Negligible | Negligible |
| | Crazing (@7x Magnification) | G 154 | No crazing | Pass |

| Physical Properties | FM Test Method | FM Requirements | JM PVC SD Plus – 60 mil MIN |
|-----------------------------|----------------|-----------------|-----------------------------|
| Foot Traffic Test, lbf (kg) | FM 4470 | 200 (90.7) | Pass |

Note: 60 mil MIN products offer a tighter thickness tolerance and will be manufactured no less than 60 mil.

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please 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. The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the regional sales representative nearest you for current information.

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