

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.



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	CA	HW	HA	CA	HW	SA	MF

Do not use in multi-ply systems

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA

Compatible with the selected single ply systems above

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	0.86
		3 Yr. Aged	0.70	0.82
CA Title 24	White	Pass	0.86	0.86
ENERGY STAR®	White	Initial	0.86	0.86
		3 Yr. Aged	0.70	
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



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.

JM PVC SD Plus is not compatible with JM PVC membrane and should not be used in JM PVC membrane systems.

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Manufactured Physical Properties

Physical Properties		ASTM Test Method	ASTM Requirements	60 mil MIN Result
Strength	Breaking Strength, min, lbf/in (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