



Complete PVC Solutions – JM RhinoPlate™ System

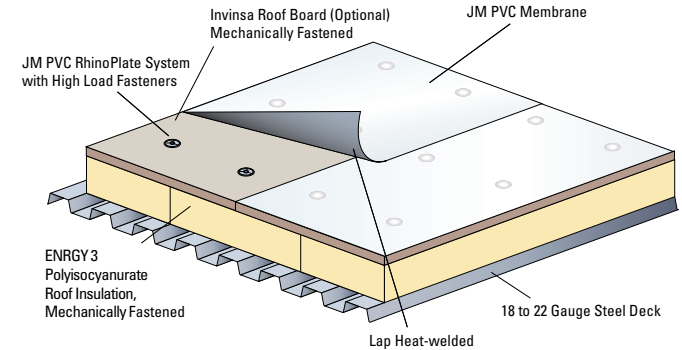
JM offers guarantees for new construction, complete tear-off or re-cover applications.



PVC Membrane Systems utilizing JM PVC RhinoPlates

Term	Thickness	Spec - PVC
20 year	60 mil or 80 mil	SP6RR, SP8RR
15 year	60 mil	SP6RR
50 mil not eligible for JM guarantee		

Enhanced guarantees are now available on certain systems for wind and puncture. Consult your local JM sales representative or tech services representative for more information about the new Single Ply Guarantee Charges Requirements Guide for specific guarantee terms and costs.



Note: Illustration does not directly represent any code approvals below.

FM Global® Approvals – JM PVC Membrane with the JM PVC RhinoPlate Fastener

Deck	Rating	Insulation	Cover Board	Insulation Fastener	Insulation Plate	Fastener Frequency	RoofNav SM #
Steel	1A-90	E	I, R+, SR	HL	JM PVC RhinoPlate	6 per board	247653-0-0, 247656-0-0, 247659-0-0
	1A-135			HL		8 per board	247665-0-0, 247668-0-0, 247671-0-0
Re-cover	1A-90			P		5' (1.52 m) - 18" (46 cm) o.c.	252084-0-0, 252083-0-0, 252082-0-0
	1A-90			P		10' (3.05 m) - 6" (15 cm) o.c.	251885-0-0, 251886-0-0, 251889-0-0
	1A-135			P		5' (1.52 m) - 12" (31 cm) o.c.	252079-0-0, 252080-0-0, 252081-0-0
	1A-240			P		5' (1.52 m) - 6" (15 cm) o.c.	252072-0-0, 252074-0-0, 252077-0-0

When searching in RoofNav (version 3) for a specific approval, be sure to indicate the mil thickness desired, i.e., JM PVC 60. To ensure FM approval, only use one of the above FM-approved systems.

UL® Approval Summary – JM PVC Membrane with the JM PVC RhinoPlate Fastener

Deck	Class	Membrane	Max. Slope in./ft (mm/m)	Insulation	Second Layer or Cover Board	Special Conditions
Noncombustible	A	PVC	2" (167)	Any (optional)	-	
	A	PVC	3.5" (292)	-	¼" (6 mm) SR Glass Mat Board or ½" (13 mm) SR Gypsum Fiber Board	
Combustible	A	PVC	½" (42)	-	-	Atlas Roofing FR-10 or VersaShield®. 2 layers for Class A
	A	PVC	3.5" (292)	E, I	RF, R+	⅝" (16 mm) SR Glass Mat Board or ⅝" (16 mm) SR Gypsum Fiber Board
	A	PVC	4" (333)	Any	¼" (6 mm) SR Glass Mat Board or ½" (13 mm) SR Gypsum Fiber Board	
	B	PVC	NL	Any (optional)	¼" (6 mm) SR Glass Mat Board	

Insulation
E = ENRGY 3®

Cover Board

I = Invinisa® Roof Board
RF = ½" Retro-Fit™ Board
R+ = RetroPlus™ Roof Board
SR = Securock®

Notes

1. Consult specific RoofNav assembly for construction detail.
2. Deck must be FM Global approved.

Fastener and Plate
HL = High Load Fastener
P = JM Purlin Fastener

JM PVC Membranes meet or exceed all of the requirements of ASTM D 4434.

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Consult JM Technical Services at (800) 922-5922 for further information.

