



Complete TPO Solutions – JM RhinoPlate™ System

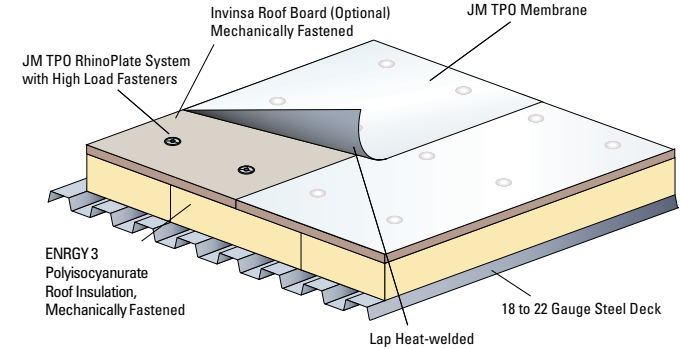
JM offers 15 and 20-year guarantees for new construction, complete tear-off or re-cover applications.



TPO Membrane Systems utilizing JM TPO RhinoPlates

Term	Thickness	Spec - TPO
20 year	60 or 80 mil	ST6RR, ST8RR
15 year	60 mil	ST6RR

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 TPO Membrane with the JM TPO RhinoPlate Fastener

Deck	Rating	Insulation	Cover Board	Insulation Fastener	Insulation Plate	Fastener Frequency	RoofNav SM #
Steel	1A-90	E	I	HL	JM TPO RhinoPlate	6 per board	247612-0-0
	1A-135			HL		8 per board	247628-0-0
Re-cover	1A-90			P		5' (1.52 m) - 18" (46 cm) o.c.	250834-0-0
	1A-90			P		10' (3.05 m) - 6" (15 cm) o.c.	248576-0-0
	1A-135			P		5' (1.52 m) - 12" (31 cm) o.c.	250830-0-0
	1A-240			P		5' (1.52 m) - 6" (15 cm) o.c.	250826-0-0

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

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

Deck	Class	Membrane	Max. Slope in./ft (mm/m)	Insulation	Second Layer or Cover Board	Special Conditions
Noncombustible	A	TPO	¾" (63)	E	WF, OSB	
	A		1" (83)	E (optional)	I	
Combustible	A		¾" (63)	–	–	Atlas Roofing FR-10 or VersaShield®. 2 layers for Class A
	A		2" (167)	–	DD	
	B		1.2" (100)	E	–	PermaPly® 28, Nailed

Insulation
E = ENRGY 3®

Cover Board
I = Invinsa® Roof Board
WF = Wood Fiber
DD = DensDeck® 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 TPO Membranes meet or exceed all of the requirements of ASTM D 6878.

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

