



Codes and Approvals

UL® External Fire Resistance (UL 790) JM TPO Membrane Systems – Fully Adhered

Deck	Class	Max. Slope in./ft (mm/m)	Insulation	Second Layer or Cover Board	Membrane Attachment
Noncombustible	A	½" (41.64)	E	WF, OSB	SB
	A	½" (41.64)	E (optional)	I	SB
	A	½" (41.64)	E	WF, OSB	WB
	A	½" (41.64)	E (optional)	I	WB
Combustible	A	¾" (62.46)	–	DD	WB
	A	¾" (62.46)	–	DD	SB

Insulation

E = ENRGY 3®

Cover Board

I = Invinsa™ Roof Board

DD = DensDeck®

WF = Wood Fiber Board

OSB = Oriented Strand Board

Adhesive

SB = JM TPO Membrane Adhesive (Solvent Based)

WB = JM TPO Membrane Adhesive (Water Based)

Notes

1. Some assemblies require Grade E (80 ksi) steel and/or additional deck securement.

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