



Codes and Approvals

FM Global® Approvals JM PVC Membrane Systems – Mechanically Fastened

Deck	Rating	Insulation	Cover Board	Sheet Width	Membrane Fastener and Plate	Fastener Frequency	RoofNav SM #	Special Conditions
Steel	1-60	E	–	78" (1.98 m)	HL	18" (45.72 cm)	212505-0-0	
	1-90	E	I	78" (1.98 m)	HL	6" (15.24 cm)	172969-0-0	
	1-90	E	–	78" (1.98 m)	HL	12" (30.48 cm)	244404-0-0	Air Barrier (See Note 1)
	1-90	–	DD	78" (1.98 m)	HL	12" (30.48 cm)	161326-0-0	
	1-90	E	DD	78" (1.98 m)	HL	12" (30.48 cm)	161327-0-0	
	1-90	E	–	78" (1.98 m)	HL	12" (30.48 cm)	212508-0-0	
	1-90	E	–	78" (1.98 m)	HL	18" (45.72 cm)	163555-0-0	
	1-90	E	–	78" (1.98 m)	XHL	18" (45.72 cm)	159937-0-0	Air Barrier (See Note 1)
	1-105	E	–	78" (1.98 m)	HL	12" (30.48 cm)	163550-0-0	
	1-120	–	DD	78" (1.98 m)	HL	6" (15.24 cm)	160254-0-0	
	1-120	E	DD	78" (1.98 m)	HL	6" (15.24 cm)	160442-0-0	
	1-120	E	–	78" (1.98 m)	HL	6" (15.24 cm)	212511-0-0	
	1-150	E	–	78" (1.98 m)	HL	6" (15.24 cm)	163562-0-0	

Insulation

E = ENRGY 3®

Cover Board

I = Invinsa™ Roof Board

DD = DensDeck®

Fastener and Plate

HL = High Load

XHL = Extra High Load

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Notes

1. All assemblies with air barrier have insulation fastening rate of 1 fastener per 2 square feet (0.19 m²).
2. Some assemblies require Grade E (80 ksi) steel and/or additional deck securement.
3. Other insulations available.
4. Consult specific RoofNav assembly for construction details.

**Contact JM Technical Services
for further information:
(800) 922-5922**