



Single Ply Roofing Systems Codes and Approvals

FM Global Approvals JM EPDM Membrane Systems – Mechanically Fastened

Deck	Rating	Slope in./ft (mm/m)	Insulation	Membrane	Sheet Width	Membrane Fastener and Plate	Fastener Frequency	RoofNav #
Steel	1A-60	½" (41.64)	E	45 or 60 mil R	84" (2.13 m)	HL Fastener and HL Plate or PBS	12" (30.48 cm)	7244-0-0
	1A-60	½" (41.64)	E	45 or 60 mil R	120" (3.05 m)	HL Fastener and HL Plate or PBS	6" (15.24 cm)	40553-0-0
	1A-90	½" (41.64)	E	45 or 60 mil R	120" (3.05 m)	HL Fastener and HL Plate or PBS	6" (15.24 cm)	40601-0-0
	1A-90	½" (41.64)	E	45 or 60 mil R	120" (3.05 m)	HL Fastener and HL Plate or PBS	12" (30.48 cm)	40664-0-0
	1A-90	½" (41.64)	E	45 or 60 mil R	84" (2.13 m)	HL Fastener and HL Plate or PBS	6" (15.24 cm)	7093-0-0
	1A-105	½" (41.64)	E	45 or 60 mil R	120" (3.05 m)	HL Fastener and PBS	6" (15.24 cm)	40623-0-0

For concrete and wood approvals, contact JM Technical Services at (800) 922-5922.

Insulations and Cover Boards

E = ENRGY 3[®] or ISO 3[™]

Membrane

R = Reinforced

Fasteners and Plates

HL = High Load

PBS = Polymer Batten Strips

Notes

1. Minimum thickness for all insulation is 1½", unless otherwise specified.
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**