



Codes and Approvals

FM Global® Approvals JM PVC Membrane Systems – Fully Adhered

Deck	Rating	Insulation	Cover Board	Insulation Fastening	Fastener Frequency	Membrane	RoofNav SM #
Steel	1-90	E	–	UF, AP	1 per 2 ft ² (0.19 m ²)	PFB	159431-0-0
	1-90	E	–	UF	1 per 2 ft ² (0.19 m ²)	PFB	159440-0-0
	1-90	E (½" [1.27 cm] min)	–	2P UIA	–	PFB	159647-0-0 (Re-cover BUR)
	1-90	E (2" [5.08 cm] min)	–	UF, AP, HL	1 per 4 ft ² (0.37 m ²)	P	158985-0-0
	1-90	E	–	UF, AP	1 per 2 ft ² (0.19 m ²)	P	173435-0-0
	1-90	E	I	UF, AP	1 per 2 ft ² (0.19 m ²)	P	173434-0-0
Concrete	1-90	E	–	AP, SCDF	1 per 2 ft ² (0.19 m ²)	PFB	159442-0-0
	1-90	E	–	UIA	–	PFB	159557-0-0 (Re-cover BUR), 159579-0-0 (Re-cover MB), 159584-0-0
	1-90	E (1" [2.54 cm] min)	–	2P UIA	–	PFB	159653-0-0
	1-90	E	–	2P UIA	–	P	194042-0-0
	1-90	E (2" [5.08 cm] min)	–	AP, HL, SCDF	1 per 4 ft ² (0.37 m ²)	P	158986-0-0
	1-90	E	–	AP	1 per 2 ft ² (0.19 m ²)	P	173438-0-0
	1-90	E	I	AP	1 per 2 ft ² (0.19 m ²)	P	173437-0-0
	1-225	–	I	BA	–	P	162893-0-0 (Re-cover BUR)
	1-225	E	I	UIA (E), BA (I)	–	P	162892-0-0
	1-225	E	I	UIA	–	P	162889-0-0
	1-225	E	I	BA	–	P	184565-0-0 (w/ 2-Ply Vapor Barrier)

System

BUR = Built-Up Roofing
MB = Modified Bitumen

Insulation

E = ENRGY 3®

Cover Board

I = Invinsa™ Roof Board

Fastener and Plate

AP = All Purpose
HL = High Load
UF = UltraFast®
SCDF = Structural Concrete Deck Fastener

Adhesive

2P UIA = Two-Part Urethane
Insulation Adhesive
UIA = Urethane Insulation Adhesive
BA = Bonding Adhesive

Notes

1. Minimum thickness for all insulation is ½" (3.81 cm), 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.

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