



PVC INDUCTION WELD SYSTEM OVER STEEL DECK - FM CODE APPROVALS

Deck Grade (ksi)	Assembly #	Thermal Barrier (Optional)	Insulation	Cover Board	Membrane	Membrane Plate	Membrane Fastener	Membrane Securement Rate (Fastener #: ft ² or (Fasteners: X" OC)	Slope (X":1 ft)	Wind Uplift	External Fire (Class)	Hail Rating
33	247653-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	-	PVC, SDP	IW	HL	1:5.33	1	90	A	SH
33	247656-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	I, I FR, RP, DX C, DX FG, DX GM	PVC, SDP	IW	HL	1:5.33	1	90	A	SH
33	247659-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	DD, RP, DX C, DX FG, DX GM, SR GM, SR GF	PVC, SDP	IW	HL	1:5.33	2	90	A	SH
33	250245-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	DD, RP, DX C, DX FG, DX GM, SR GM, SR GF	PVC, SDP	IW	HL	5' 12"	2	105	A	SH
33	250240-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	I, I FR, RP, DX C, DX FG, DX GM	PVC, SDP	IW	HL	5' 12"	1	105	A	SH
33	250235-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	-	PVC, SDP	IW	HL	5' 12"	1	105	A	SH
33	247665-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	-	PVC, SDP	IW	HL	1:4	1	135	A	SH
33	247668-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	I, I FR, RP, DX C, DX FG, DX GM	PVC, SDP	IW	HL	1:4	1	135	A	SH
33	247671-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	DD, RP, DX C, DX FG, DX GM, SR GM, SR GF	PVC, SDP	IW	HL	1:4	2	135	A	SH
33*	250268-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	DD, RP, DX C, DX FG, DX GM, SR GM, SR GF	PVC, SDP	IW	HL	5' 6"	2	210	A	SH
33*	250253-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	-	PVC, SDP	IW	HL	5' 6"	1	210	A	SH
33*	250263-0-0	DD, DDP, DX FG, DX GM, SR GF	E3	I, I FR, RP, DX C, DX FG, DX GM	PVC, SDP	IW	HL	5' 6"	1	210	A	SH

Application Type

N	New Roof
RC	Re-Cover
RR	Re-Roof

Membrane

PVC	JM PVC (KEE)
PVC FB	JM PVC (KEE) FB
SDP	JM PVC SD Plus

Thermal Barrier / Insulation / Cover Board

E3	ENRGY 3 [®] (All facers)
I	Invinsa [®] Roof Board
IF	Invinsa Foam [®] Roof Board
I FR	Invinsa [®] FR Roof Board
RP	RetroPlus [™]
SR C	JM [®] SECUROCK [®] Cement Roof Board
SR GM	JM [®] SECUROCK [®] Glass-Mat Roof Board
SR GF	JM [®] SECUROCK [®] Gypsum-Fiber Roof Board
DD	JM [®] DensDeck [®]
DDP	JM [®] DensDeck [®] Prime
DX C	JM [®] DEXcell [®] Cement Roof Board
DX FG	JM [®] DEXcell [®] FA Glass Mat Roof Board
DX GM	JM [®] DEXcell [®] Glass Mat Roof Board

Fastener and Plate

HL	High Load
HLP	High Load Plus
XHL	Extra High Load
IW	Induction Weld Plate
UF	UltraFast [®]
XHD	OMG Super XHD Screw

Adhesive

LVOC	Low VOC
SB	Solvent Based
WB	Water Based
2PU/A	Two-Part Urethane Insulation Adhesive
MBR BA	MBR [®] Bonding Adhesive
RSUA	JM Roofing System Urethane Adhesive
1S	JM One-Step Foamable Adhesive
HA	Hot Asphalt
FA	Full Application

Notes

1. All E3 insulation for new roofs is 1.5" min unless otherwise listed. Re-Cover insulation thickness varies by approval. Please check individual listings.
2. Other adhesives may be available in the referenced approvals. Please check listing for all adhesive options.
3. All approvals listed apply to the field roof area.

33* (20-16ga 33ksi 72" joist), (22ga 33ksi 48" joist), (22ga 80ksi 72" joist)

This is intended to serve as a reference guide, please check RoofNav for the most current information and assembly details.

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