



ADHERED PVC SYSTEMS OVER CONCRETE DECK

FM CODE APPROVALS

Application Type	Assembly #	Vapor Barrier	Insulation	Insulation Securement	Insulation Securement Rate (Ribbons: X" OC)	Cover Board	Cover Board Securement	Cover Board Securement Rate (Ribbons: X" OC)	Membrane	Membrane Securement	Membrane Securement Rate (FA) or (Ribbons: X" OC)	Slope (X":1 ft)	Wind Uplift	External Fire (Class)	Hail Rating
N	279412-0-0	AB, ABP	E3	2PUIA	12"	-	-	-	PVC	LVOC, WB	FA	1	150	A	SH
N	396745-0-0	DBH, DWB	E3	2PUIA	12"	-	-	-	PVC	WB	FA	1	150	A	SH
N	279373-0-0	DG	E3	2PUIA	12"	-	-	-	PVC	LVOC, WB	FA	1	150	A	SH
N	373516-0-0	VB SA	E3	2PUIA, RSUA	12"	-	-	-	PVC	WB	FA	1	150	A	SH
N	227692-0-0	-	E3	1S	12"	-	-	-	PVC	LVOC, WB	FA	1	150	A	SH
N	278952-0-0	AB, ABP	E3	2PUIA	12"	-	-	-	PVC FB	HA, WB	FA	1	210	A	SH
N	396746-0-0	DBH, DWB	E3	2PUIA	12"	-	-	-	PVC FB	WB	FA	1	210	A	SH
N	274516-0-0	DG	E3	2PUIA	12"	-	-	-	PVC FB	HA, WB	FA	1	210	A	SH
N	373518-0-0	VB SA	E3	2PUIA, RSUA	12"	-	-	-	PVC FB	WB	FA	1	210	A	SH
N	227603-0-0	-	E3	HA, 2PUIA	12"	-	-	-	PVC FB	HA, WB	FA	1	210	A	SH
N	396750-0-0	AB, ABP	E3	2PUIA	12"	-	-	-	PVC FB	RSUA	4"	1	225	A	SH
N	396747-0-0	DBH, DWB	E3	2PUIA	12"	-	-	-	PVC FB	RSUA	4"	1	225	A	SH
N	340561-0-0	VB SA	E3	2PUIA, RSUA	12"	-	-	-	PVC FB	RSUA	4"	0.5	225	A	SH
N	387866-0-0	-	E3	2PUIA, RSUA, 1S	12"	-	-	-	PVC FB	RSUA	4"	1	225	A	SH
N	396749-0-0	DBH, DWB	E3	2PUIA	12"	-	-	-	PVC	LVOC	FA	1	345	A	SH
N	396748-0-0	DBH, DWB	E3	2PUIA	12"	-	-	-	PVC FB	HA	FA	1	345	A	SH
N	278953-0-0	AB, ABP	E3	2PUIA	12"	-	-	-	PVC	HA, LVOC	FA	1	360	A	SH
N	279194-0-0	AB, ABP	E3	2PUIA	12"	-	-	-	PVC	LVOC	FA	1	435	A	SH
N	274541-0-0	DG	E3	2PUIA	12"	-	-	-	PVC	LVOC	FA	1	435	A	SH
N	396743-0-0	VB SA	E3	2PUIA, RSUA	12"	-	-	-	PVC	LVOC	FA	1	435	A	SH
N	227700-0-0	-	E3	HA, 2PUIA	12"	-	-	-	PVC	LVOC	FA	1	435	A	SH
N	274535-0-0	DG	E3	2PUIA	12"	-	-	-	PVC FB	HA	FA	1	435	A	SH
N	396744-0-0	VB SA	E3	2PUIA, RSUA	12"	-	-	-	PVC FB	HA	FA	1	435	A	SH
N	227682-0-0	-	E3	HA, 2PUIA	12"	-	-	-	PVC FB	HA	FA	1	435	A	SH
N	274541-0-0	DG	E3	2PUIA	12"	-	-	-	PVC	LVOC	FA	1	435	A	SH



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N	396769-0-0	DBH, DWB	E3	2PUIA	12"	SR GF	2PUIA, RSUA, 1S	12"	PVC	WB	FA	3	105	A	SH
N	396772-0-0	DG	E3	HA, 2PUIA, RSUA	12"	SR GF	HA, 2PUIA, RSUA	12"	PVC	WB	FA	3	105	A	SH
N	396774-0-0	VB SA	E3	2PUIA	12"	SR GF	2PUIA, RSUA, 1S	12"	PVC	WB	FA	3	105	A	SH
N	340982-0-0	-	E3	HA, 2PUIA, RSUA, 1S	12"	SR GF	HA, 2PUIA, RSUA, 1S	12"	PVC	LVOC	FA	3	120	A	SH
N	396764-0-0	-	E3	2PUIA, RSUA, 1S	12"	SR GF	2PUIA, RSUA, 1S	12"	PVC FB	HA	FA	1	135	A	SH
N	396763-0-0	AB, ABP	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC FB	RSUA	12"	0.5	135	A	SH
N	396757-0-0	DBH, DWB	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC FB	RSUA	12"	.05	135	A	SH
N	396761-0-0	DG	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC FB	RSUA	12"	0.5	135	A	SH
N	396754-0-0	VB SA	E3	RSUA, 2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC FB	RSUA	12"	0.5	135	A	SH
N	396752-0-0	-	E3	2PUIA, RSUA	12"	I	2PUIA, RSUA, 1S	12"	PVC FB	RSUA	12"	0.5	135	A	SH
N	396767-0-0	AB, ABP	E3	2PUIA	12"	SR GF	2PUIA, RSUA, 1S	12"	PVC FB	HA	FA	3	135	A	SH
N	350446-0-0	DB, GP, GPP	E3	HA, 2PUIA, RSUA	12"	SR GF	HA, 2PUIA, RSUA	12"	PVC FB	HA	FA	1	135	A	SH
N	350443-0-0	DG	E3	HA, 2PUIA, RSUA	12"	SR GF	HA, 2PUIA, RSUA	12"	PVC FB	HA	FA	1	135	A	SH
N	396764-0-0	-	E3	2PUIA, RSUA, 1S	12"	SR GF	2PUIA, RSUA, 1S	12"	PVC FB	HA	FA	1	135	A	SH
N	396768-0-0	AB, ABP	E3	2PUIA	12"	SR GF	2PUIA, RSUA, 1S	12"	PVC FB	RSUA	12"	0.5	135	A	SH
N	350447-0-0	DB, GP, GPP	E3	HA, 2PUIA, RSUA	12"	SR GF	HA, 2PUIA, RSUA	12"	PVC FB	RSUA	12"	0.5	135	A	SH
N	350444-0-0	DG	E3	HA, 2PUIA, RSUA	12"	SR GF	HA, 2PUIA, RSUA	12"	PVC FB	RSUA	12"	0.5	135	A	SH
N	396775-0-0	VB SA	E3	HA, 2PUIA, RSUA	12"	SR GF	HA, 2PUIA, RSUA	12"	PVC FB	HA	FA	1	135	A	SH
N	339727-0-0	-	E3	2PUIA, RSUA, 1S	12"	I, SR GF	2PUIA, RSUA, 1S	12"	PVC FB	RSUA	12"	0.5	135	A	SH
N	396775-0-0	VB SA	E3	HA, 2PUIA, RSUA	12"	SR GF	HA, 2PUIA, RSUA	12"	PVC FB	HA	FA	1	135	A	SH
N	396766-0-0	AB, ABP	E3	2PUIA	12"	SR GF	2PUIA, RSUA, 1S	12"	PVC FB	WB	FA	3	150	A	SH



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N	396770-0-0	DBH, DWB	E3	2PUIA	12"	SR GF	2PUIA, RSUA, 1S	12"	PVC FB	WB	FA	3	150	A	SH
N	392369-0-0	VB, SA	E3	2PUIA, RSUA	12"	SR GF	HA, 2PUIA, RSUA	12"	PVC FB	WB	FA	3	150	A	SH
N	396766-0-0	AB, ABP	E3	2PUIA	12"	SR GF	2PUIA, RSUA, 1S	12"	PVC FB	WB	FA	3	150	A	SH
N	354617-0-0	AB, ABP	E3	2PUIA	12"	SR GF	2PUIA, RSUA, 1S	12"	PVC	LVOC	FA	3	165	A	SH
N	396771-0-0	DBH, DWB	E3	2PUIA	12"	I	2PUIA,RSUA, 1S	12"	PVC	LVOC	FA	3	165	A	SH
N	396773-0-0	DG	E3	HA, 2PUIA, RSUA	12"	SR GF	HA, 2PUIA, RSUA	12"	PVC	LVOC	FA	3	165	A	SH
N	385842-0-0	VB SA	E3	2PUIA	12"	SR GF	2PUIA, RSUA, 1S	12"	PVC	LVOC	FA	3	165	A	SH
N	279393-0-0	AB, ABP	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC, SDP	WB, LVOC	FA	1	210	A	SH
N	396759-0-0	DBH, DWB	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC, SDP	LVOC	FA	1	210	A	SH
N	279362-0-0	DG	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC, SDP	WB, LVOC	FA	1	210	A	SH
N	392345-0-0	VB SA	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC, SDP	WB, LVOC	FA	1	210	A	SH
N	232113-0-0	-	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC, SDP	WB, LVOC	FA	1	210	A	SH
N	279396-0-0	AB, ABP	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC FB	WB	FA	1	210	A	SH
N	396758-0-0	DBH, DWB	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC FB	WB	FA	1	210	A	SH
N	279367-0-0	DG	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC FB	WB	FA	1	210	A	SH
N	396755-0-0	VB SA	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC FB	WB	FA	1	210	A	SH
N	227608-0-0	-	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC FB	WB	FA	1	210	A	SH
N	396760-0-0	DBH, DWB	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC, SDP	WB	FA	1	225	A	SH
N	396762-0-0	DG	E3	2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC, SDP	WB	FA	1	225	A	SH
N	396756-0-0	VB SA	E3	RSUA, 2PUIA	12"	I	2PUIA, RSUA, 1S	12"	PVC, SDP	WB	FA	1	225	A	SH



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N	396753-0-0	-	E3	2PUIA, RSUA, 1S	12"	I	2PUIA, RSUA, 1S	12"	PVC, SDP	WB	FA	1	225	A	SH
N	397779-0-0	DBH	E3	RSUA, 2PUIA	12"	DX C, DX FA	2PUIA, RSUA	12"	PVC FB	WB	FA	3	240	A	SH
N	397778-0-0	DBH	E3	RSUA, 2PUIA	12"	DX C, DX FA	2PUIA, RSUA	12"	PVC	WB, LVOC	FA	3	240	A	SH
N	397788-0-0	-	E3	RSUA, 2PUIA	12"	DX C, DX FA	2PUIA, RSUA	12"	PVC FB	WB	FA	3	780	A	SH
N	397786-0-0	-	E3	RSUA, 2PUIA	12"	DX C, DX FA	2PUIA, RSUA	12"	PVC	LVOC	FA	3	780	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

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 FA 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
RhP RhinoPlate®
UF UltraFast®
XHD OMG Super XHD Screw

Adhesive

LVOC Low VOC
SB Solvent Based
WB Water Based
2PUIA 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

Vapor Barrier

AB JM APP Base
ABP JM APP Base Plus
DG DynaGrip® Base SD/SA
GP GlasPly® IV
GPP GlasPly® Premier
VB SA JM Vapor Barrier SA
DB DynaBase®
DBH DynaBase® HW
DWB DynaWeld™ Base
PE Polyethylene (4 or 6 mil)

Notes

- GP & GPP requires one or two plies. See RoofNav for details.
- All E3 insulation for new roofs is 1.5" min unless otherwise listed. Re-Cover insulation thickness varies by approval. Please check individual listings.
- Other adhesives may be available in the referenced approvals. Please check listing for all adhesive options.
- All approvals listed apply to the field roof area.

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

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