



TPO Quick Reference Code Guide

FM Global Approvals – Versico TPO Membrane Systems – Fully Adhered

Deck	Rating	Slope in/ft.	Insulation	Cover Board	Insulation Fastener and Plate	Fastener Frequency	Membrane	Membrane Attachment	RoofNAV
Steel Deck Min. 22 Gauge Grade E 80 ksi	1A-225	½"	SS (2" min)	-	SP	1 per 1 sq. ft.	VW	VWB	245513-0-0
	1A-255	1.5"	M	SR	SP	1 per 1 sq. ft.	VW	LVOC	239271-0-0
Steel deck Min. 22 Gauge Grade C 33 ksi	1A-150	½"	M (2" min)	-	SP	1 per 1.6 sq. ft.	VW	VWB	135476-0-0
	1A-150	1.5"	M	SR	SP	1 per 1.6 sq. ft.	VW	LVOC	269993-0-0
	1A-150	1.5"	M	OSB	SP	1 per 1.9 sq. ft.	VW	VWB	13335-0-0
	1A-90	½"	M (2" min)	-	SP	1 per 4 sq. ft.	VW	VWB/LVOC	13222-0-0
	1A-90	½"	M (1.5" min)	-	SP	1 per 2 sq. ft.	VW	VWB/LVOC	13221-0-0
	1A-90	½"	M	HD+	SP	1 per 2 sq. ft.	VW	LVOC	295762-0-0
	1A-90	1.5"	M	WF	SP	1 per 2 sq. ft.	VW	VWB	212437-0-0
	1A-90	1.5"	M	SR	SP	1 per 3.2 sq. ft.	VW	VWB/LVOC	269985-0-0
	1A-90	1.5"	M	DDP	OMG	1 per 2.7 sq. ft.	VW	VWB/LVOC	92102-0-0

Insulation

M = Polyiso MP-H
SS = SecurShield™

Fastener and Plate

SP = Insulation Plate (Steel)
OMG = Olympic sourced fasteners/plates

Membrane Attachment

VWB = VersiWeld Bonding Adhesive
LVOC = Low-VOC Bonding Adhesive

Coverboard

HD = SecurShield HD
SR = SECUROCK®
DDP = DensDeck® Prime
WF = Wood Fiberboard
OSB = Oriented Strand Board
HD+ = SecurShield HD Plus

Membrane

VW = VersiWeld (.045" & .060"), VersiWeld Plus (.080") and VersiWeld HS

For additional information on Versico VersiWeld TPO FM code approvals and details on other assemblies, please see the VersiWeld TPO Code Approval Guide at www.versico.com.



A SINGLE SOURCE FOR SINGLE-PLY ROOFING

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FM Global Approvals – Versico TPO Membrane Systems – Mechanically Attached

Deck	Rating	Slope in/ft.	Insulation	Cover Board	Maximum Sheet Width	Fastener/Plate	Fastener Spacing	Gauge/Deck Grade	RoofNAV
Steel Deck	1A-135	½"	M	-	8'	HPVX	6"	22-gauge/Grade E	12496-0-0
	1A-135	3"	M	SR/DD	8'	HPVX	6"	22-gauge/Grade E	12511-0-0
	1A-135	1.5"	M	WF	8'	HPVX	6"	22-gauge/Grade E	13532-0-0
	1A-90	½"	M	-	12'	HPV-XL	12"	22-gauge/Grade E	143000-0-0
	1A-90	3"	M	SR/DD	12'	HPV-XL	12"	22-gauge/Grade E	142999-0-0
	1A-90	½"	M	WF	12'	HPV-XL	12"	22-gauge/Grade E	12788-0-0
	1A-90	3"	M	-	12'	HPV-XL	12"	22-gauge/Grade E	12792-0-0
	1A-90	1.5"	M	SR/DD	12'	HPV-XL	12"	22-gauge/Grade E	13741-0-0
	1A-60	½"	M	WF	12'	HPVX	12"	22-gauge/Grade E	140548-0-0
	1A-60	3"	M	-	12'	HPVX	12"	22-gauge/Grade E	140546-0-0
	1A-60	1.5"	M	SR/DD	12'	HPVX	12"	22-gauge/Grade E	140537-0-0

Insulation

M = Polyiso MP-H

Fastener and Plate

HPVX = HPVX Fastener
 HPV-XL = HPV-XL Fastener
 HPVX = HPVX Plate
 HPV-XL = HPV-XL Plate

Coverboard

HD = SecurShield™ HD
 SR = SECUROCK®
 DD = DensDeck®
 WF = Wood Fiberboard

Membrane

VW = VersiWeld (.045" & .060"), VersiWeld Plus (.080")

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