



Versico VSH Compliant Roofing Systems

Code Approval Guide

November 2025

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Factory Mutual Approvals
Versico VSH Compliant Roofing System

SecurShield HD Composite Ratings - New Construction

Membrane Type: VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld PLUS - .080" membrane (TPO)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. or Splatter for membrane attachment with Fleece membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld PLUS membrane

Base Insulation Layer (Max. thickness 3/6")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece Black EPDM 145	VersiFleece White EPDM	VersiFleece TPO	VersiWeld PLUS
RoofNAV Number									
Steel Deck (Min. 22-Gauge)									
2" SecurShield HD Composite	8 (4 sq. ft.)	-	-	1-90	551139-0-0 (4" o.c.)	551132-0-0 (4" o.c.)	-	NA	NA
2" SecurShield HD Composite	20 (1.6 sq. ft.)	-	-	1-165	551283-0-0 (4" o.c.)	-	-	NA	NA
Min. 1-1/2" VersiCore Polyiso	Loose-Laid	2" SecurShield HD Composite	20 (1.6 sq. ft.)	1-165	-	551281-0-0 (4" o.c.)	-	NA	NA
2" SecurShield HD Composite	32 (1 sq. ft.)	-	-	1-270	551286-0-0 (4" o.c.)	551282-0-0 (4" o.c.)	-	NA	NA
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	2" SecurShield HD Composite	12" ribbons of DASH	1-90	551342-0-0	-	-	550948-0-0	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft.)	2" SecurShield HD Composite	12" ribbons of DASH	1-90	551358-0-0	551344-0-0	573299-0-0	550949-0-0	550889-0-0
Min. 1-1/2" VersiCore Polyiso	16 (2 sq. ft.)	2" SecurShield HD Composite	6" ribbons of DASH	1-105	-	-	-	550957-0-0	550874-0-0
Min. 2" VersiCore Polyiso	20 (1.6 sq. ft.)	2" SecurShield HD Composite	4" ribbons of DASH	1-165	551364-0-0	551350-0-0	-	550930-0-0	-
Min. 2" VersiCore Polyiso	32 (1 sq. ft.)	2" SecurShield HD Composite	4" ribbons of DASH	1-225	-	-	-	550932-0-0	550876-0-0 (1-270)
Min. 1/2" DensDeck Prime or 5/8" Securock	16 (2 sq. ft.)	2" SecurShield HD Composite	12" ribbons of DASH	1-90	551346-0-0	-	-	-	550829-0-0
Steel Deck (Min. 22-Gauge) with VapAir Seal 725TR and Cav-Grip 3V or 702 Primer									
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	2" SecurShield HD Composite	12" ribbons of DASH	1-90	551362-0-0	-	551556-0-0	550956-0-0	-
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	2" SecurShield HD Composite over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	551361-0-0	-	551554-0-0	550955-0-0	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	2" SecurShield HD Composite	6" ribbons of DASH	1-135	-	-	-	-	-
Steel Deck (Min. 22-Gauge) with SureMB 70 SA and Cav-Grip 3V Primer									
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	2" SecurShield HD Composite	6" ribbons of DASH	1-135	-	-	-	-	-
Steel Deck (Min. 22-Gauge) with SureMB 90TG or 120TG Base Torch Applied									
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	2" SecurShield HD Composite	6" ribbons of DASH	1-135	-	-	-	-	-

Factory Mutual Approvals
Versico VSH Compliant Roofing System

SecurShield HD Composite Ratings - New Construction

Membrane Type: VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld PLUS - .080" membrane (TPO)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. or Splatter for membrane attachment with Fleece membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld PLUS membrane

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece Black EPDM 145	VersiFleece White EPDM	VersiFleece TPO	VersiWeld PLUS
					RoofNAV Number				
Concrete Deck									
Min. 1" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-180	-	-	-	-	-
2" SecurShield HD Composite	12" ribbons of DASH	-	-	1-180	551335-0-0	-	-	-	-
Min. 2" Insulfoam Roofing EPS	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-225	-	-	-	-	-
Concrete Deck with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer									
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-225	556939-0-0	-	573298-0-0 (1-315)	-	534253-0-0 (1-315)
Min. 2" Insulfoam Roofing EPS	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-255	-	-	-	-	-
Concrete Deck with SureMB 70 SA with Cav-Grip 3V Primer									
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-225	-	-	-	-	-
Concrete Deck with SureMB 90TG, 120TG Base Torch Applied and Cut-Back Asphalt Primer									
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-225	-	-	-	-	550891-0-0
Gypsum Deck Tear-Off									
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-	-	-
Gypsum Deck Tear-Off with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer									
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-	-	-
Lightweight Insulating Concrete over Steel Decking									
Min. 1-1/2" VersiCore Polyiso	4" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-	-	552896-0-194470
Lightweight Insulating Concrete over Structural Concrete									
Min. 1-1/2" VersiCore Polyiso	4" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-	-	-

Factory Mutual Approvals
Versico VSH Compliant Roofing System

SecurShield HD Composite Ratings - Recover

Membrane Type: VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld PLUS - .080" membrane (TPO)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. or Splatter for membrane attachment with FleeceBACK membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld PLUS membrane

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece White EPDM	VersiFleece TPO	VersiWeld PLUS
					RoofNAV Numbers			
Concrete Deck								
-	-	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-	-
-	-	2" SecurShield HD Composite	6" ribbons of DASH	1-150	-	-	-	-
Gypsum Deck								
-	-	2" SecurShield HD Composite	6" ribbons of DASH	1-90	-	-	-	-

Note: Recover approvals in this document are based on the following existing roofing system assumption - the existing smooth Asphalt BUR, Modified Bitumen or single-ply system was FM approved at the time of installation. Direct membrane application over existing EPDM single-ply only.

Factory Mutual Approvals
Versico VSH Compliant Roofing System

SecurShield HD Composite RL Ratings - New Construction

Membrane Type:

VersiFleece Black EPDM RL - 115 or 145 membrane (black EPDM)
VersiFleece TPO RL- 115 or 135 membrane (TPO)

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM RL	VersiFleece Black EPDM 145 RL	VersiFleece TPO RL
					RoofNAV Number		
Steel Deck (Min. 22-Gauge)							
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	2" SecurShield HD Composite RL	12" ribbons of DASH	1-90	-	-	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft.)	2" SecurShield HD Composite RL	12" ribbons of DASH	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	16 (2 sq. ft.)	2" SecurShield HD Composite RL	6" ribbons of DASH	1-105	-	-	-
Min. 2" VersiCore Polyiso	20 (1.6 sq. ft.)	2" SecurShield HD Composite RL	4" ribbons of DASH	1-165	-	-	-
Min. 2" VersiCore Polyiso	32 (1 sq. ft.)	2" SecurShield HD Composite RL	4" ribbons of DASH	1-225	-	-	-
Min. 1/2" DensDeck Prime or 5/8" Securock	16 (2 sq. ft.)	2" SecurShield HD Composite RL	12" ribbons of DASH	1-90	-	-	-
Steel Deck (Min. 22-Gauge) with VapAir Seal 725TR and Cav-Grip 3V or 702 Primer							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	2" SecurShield HD Composite over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	2" SecurShield HD Composite	6" ribbons of DASH	1-135	-	-	-
Steel Deck (Min. 22-Gauge) with SureMB 70 SA and Cav-Grip 3V Primer							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	2" SecurShield HD Composite	6" ribbons of DASH	1-135	-	-	-
Steel Deck (Min. 22-Gauge) with SureMB 90TG or 120TG Base Torch Applied							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	2" SecurShield HD Composite	6" ribbons of DASH	1-135	-	-	-

Factory Mutual Approvals
Versico VSH Compliant Roofing System

SecurShield HD Composite RL Ratings - New Construction

Membrane Type:

VersiFleece Black EPDM RL - 115 or 145 membrane (black EPDM)
VersiFleece TPO RL- 115 or 135 membrane (TPO)

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM RL	VersiFleece Black EPDM 145 RL	VersiFleece TPO RL
					RoofNAV Number		
Concrete Deck							
Min. 1" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-180	-	-	-
2" SecurShield HD Composite	12" ribbons of DASH	-	-	1-180	-	-	-
Min. 2" Insulfoam Roofing EPS	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-225	-	-	-
Concrete Deck with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-225	-	-	-
Min. 2" Insulfoam Roofing EPS	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-255	-	-	-
Concrete Deck with SureMB 70 SA with Cav-Grip 3V Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-225	-	-	-
Concrete Deck with SureMB 90TG, 120TG Base Torch Applied and Cut-Back Asphalt Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-225	-	-	-
Gypsum Deck Tear-Off							
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-
Gypsum Deck Tear-Off with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer							
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-
Lightweight Insulating Concrete over Steel Decking							
Min. 1-1/2" VersiCore Polyiso	4" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-
Lightweight Insulating Concrete over Structural Concrete							
Min. 1-1/2" VersiCore Polyiso	4" ribbons of DASH	2" SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-

Factory Mutual Approvals
Versico VSH Compliant Roofing System

SecurShield HD Composite RL Ratings - Recover

Membrane Type: VersiFleece Black EPDM RL - 115 or 145 membrane (black EPDM)
VersiFleece TPO RL - 115 or 135 membrane (TPO)

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece TPO
					RoofNAV Numbers	
Concrete Deck						
-	-	2" SecurShield HD Composite RL	12" ribbons of DASH	1-90	-	-
-	-	2" SecurShield HD Composite RL	6" ribbons of DASH	1-150	-	-
Gypsum Deck						
-	-	2" SecurShield HD Composite RL	6" ribbons of DASH	1-90	-	-

Note: Recover approvals in this document are based on the following existing roofing system assumption - the existing smooth Asphalt BUR, Modified Bitumen or single-ply system was FM approved at the time of installation. Direct membrane application over existing EPDM single-ply only.

Factory Mutual Approvals
Versico VSH Compliant Roofing System

DuraStorm VSH Ratings - New Construction

Membrane Type:
VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld and VersiWeld PLUS - .060" or .080" membrane (PVC)
VersiFlex - .060" & .080" membrane (PVC)
VersiFleece PVC and KEE HP - 115 or 135 membrane (PVC)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. for membrane attachment with FleeceBACK membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld PLUS membrane

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece White EPDM	VersiFleece TPO	VersiWeld	VersiWeld PLUS	VersiFlex	VersiFleece PVC
RoofNAV Number											
Steel Deck (Min. 22-Gauge)											
FM Approved	Loose laid	1/2" DuraStorm VSH	8 (4 sq. ft.)	1-90	461161-0-0	NA	461162-0-0	NA	NA	NA	NA
FM Approved	Loose laid	1/2" DuraStorm VSH	16 (2 sq. ft.)	1-90	461281-0-0	NA	461307-0-0	NA	NA	NA	NA
FM Approved	Loose laid	1/2" DuraStorm VSH	18 (1.8 sq. ft.)	1-120	461163-0-0	NA	461164-0-0	NA	NA	NA	NA
FM Approved	Loose laid	1/2" DuraStorm VSH	24 (1.33 sq. ft.)	1-165	461165-0-0	NA	461167-0-0	NA	NA	NA	NA
FM Approved	Loose laid	1/2" DuraStorm VSH	24 (1.33 sq. ft.)(19)	1-225	461166-0-0	NA	461168-0-0	NA	NA	NA	NA
FM Approved	Loose laid	1/2" DuraStorm VSH	32 (1 sq. ft.)(19)	1-270	461112-0-0	NA	461114-0-0	NA	NA	NA	NA
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	1/2" DuraStorm VSH	6" ribbons of DASH	1-90	461690-0-0	-	461360-0-0	554489-0-0	461118-0-0	560477-0-0	-
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	1/2" DuraStorm VSH over 1" VersiCore	4" ribbons of DASH for DuraStorm VSH attachment and 12" o.c. for Polyiso	1-90	-	-	-	554492-0-0	-	560478-0-0	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft.)	1/2" DuraStorm VSH	6" ribbons of DASH	1-90	461287-0-0	551572-0-0	461310-0-0	554546-0-0	461123-0-0	560581-0-0	-
Min. 1-1/2" VersiCore Polyiso	18 (1.8 sq. ft.)	1/2" DuraStorm VSH	6" ribbons of DASH	1-105	461171-0-0	-	461172-0-0	554482-0-0	461115-0-0	-	-
Min. 1-1/2" VersiCore Polyiso	24 (1.33 sq. ft.)	1/2" DuraStorm VSH	4" ribbons of DASH	1-150	-	-	-	554484-0-0	461117-0-0	-	-
Min. 2" VersiCore Polyiso	24 (1.33 sq. ft.)	1/2" DuraStorm VSH	4" ribbons of DASH	1-165	461206-0-0	-	461207-0-0	554483-0-0	461116-0-0	-	567713-0-0
Min. 1/2" DensDeck Prime or Securock	16 (2 sq. ft.)	1/2" DuraStorm VSH	6" ribbons of DASH	1-90	-	-	-	-	-	-	-
Steel Deck (Min. 22-Gauge) with VapAir Seal 725TR and Cav-Grip 3V or 702 Primer											
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/2" DuraStorm VSH over 1-1/2" VersiCore Polyiso	4" ribbons of DASH for DuraStorm VSH attachment and 12" o.c. for Polyiso	1-90	461290-0-0	551581-0-0	461314-0-0	554517-0-0	461154-0-0	560465-0-0	-
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/2" DuraStorm VSH over 1" Insulfoam Roofing EPS	4" ribbons of DASH for DuraStorm VSH attachment and 6" o.c. for EPS	1-90	-	-	-	554488-0-0	461121-0-0	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/2" DuraStorm VSH over 1-1/2" VersiCore Polyiso	DASH Rig Splatter	1-135	-	-	-	-	-	-	-
Min. 1/2" DensDeck Prime or Securock	32 (1 sq. ft.)	1/2" DuraStorm VSH over 1-1/2" VersiCore Polyiso	DASH Rig Splatter	1-240	-	-	-	-	-	-	-

Factory Mutual Approvals
Versico VSH Compliant Roofing System

DuraStorm VSH Ratings - New Construction

Membrane Type:
VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld and VersaWeld PLUS - .060" or .080" membrane (TPO)
VersiFlex - .060" & .080" membrane (PVC)
VersiFleece PVC and KEE HP - 115 or 135 membrane (PVC)

Membrane Adhesive:
Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. for membrane attachment with FleeceBACK membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld PLUS membrane

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece White EPDM	VersiFleece TPO	VersiWeld	VersiWeld PLUS	VersiFlex	VersiFleece PVC
RoofNAV Number											
Steel Deck (Min. 22-Gauge) with SureMB 70 SA and Cav-Grip 3V Primer											
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/2" DuraStorm VSH over 1-1/2" VersiCore Polyiso	6" ribbons of DASH	1-90	-	-	-	-	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/2" DuraStorm VSH over 1-1/2" VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-	-	-	-	-
Steel Deck (Min. 22-Gauge) with SureMB 90TG or 120TG Base Torch Applied											
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/2" DuraStorm VSH over 1-1/2" VersiCore Polyiso	6" ribbons of DASH	1-90	-	-	-	-	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/2" DuraStorm VSH over 1-1/2" VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-	-	-	-	-
Concrete Deck											
Min. 1" VersiCore Polyiso	12" ribbons of DASH	1/2" DuraStorm VSH	12" ribbons of DASH	1-225	461264-0-0 (1-270)	551576-0-0	461295-0-0 (1-315)	554547-0-0	461120-0-0	560480-0-0	-
Min. 2" Insulfoam Roofing EPS	12" ribbons of DASH	1/2" DuraStorm VSH	12" ribbons of DASH	1-225	461266-0-0 (1-180)	-	-	554497-0-0	461130-0-0	-	-
Min. 2" Insulfoam Channel Dry EPS	12" ribbons of DASH	1/2" DuraStorm VSH over Min. 2" Insulfoam Roofing EPS	4" ribbons of DASH for DuraStorm VSH attachment and 12" o.c. for EPS	1-285	-	551575-0-0 (1-180)	-	554521-0-0	-	-	-
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	1/2" DuraStorm VSH	12" ribbons of DASH	1-705	-	-	461192-0-0	-	-	-	-
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	1/2" DuraStorm VSH	6" ribbons of DASH	1-90	-	-	-	554493-0-0	461125-0-0	-	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft.)	1/2" DuraStorm VSH	6" ribbons of DASH	1-90	-	-	-	554496-0-0	461126-0-0	-	-
Min. 3/4" Optim-R	6" ribbons of DASH	1/2" DuraStorm VSH	6" ribbons of DASH	1-120	461294-0-0	551571-0-0 (1-90)	-	554519-0-0	461159-0-0	-	-
1/2" DuraStorm VSH	DASH Rig Splatter	-	-	1-270	-	551577-0-0	-	-	-	-	-
Concrete Deck with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer											
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	DuraStorm VSH	12" ribbons of DASH	1-225 (Cav-Grip 3V)	461267-0-0	551564-0-0	461298-0-0	-	461137-0-0	560463-0-0	567708-0-0
Min. 2" Insulfoam Roofing EPS	12" ribbons of DASH	DuraStorm VSH	12" ribbons of DASH	1-255 (Cav-Grip 3V)	-	-	-	-	461131-0-0	-	-
Min. 3/4" Optim-R	6" ribbons of DASH	DuraStorm VSH	6" ribbons of DASH	1-165	461292-0-0	551570-0-0 (1-90)	-	554518-0-0	461157-0-0	-	-
Min. 3/4" Optim-R	12" ribbons of DASH	DuraStorm VSH	12" ribbons of DASH	1-60	-	551569-0-0	-	-	461155-0-0	-	-

Factory Mutual Approvals
Versico VSH Compliant Roofing System

DuraStorm VSH Ratings - New Construction

Membrane Type:
VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld and VersiWeld PLUS - .060" or .080" membrane (TPO)
VersiFlex - .060" & .080" membrane (PVC)
VersiFleece PVC and KEE HP - 115 or 135 membrane (PVC)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. for membrane attachment with FleeceBACK membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld PLUS membrane

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece White EPDM	VersiFleece TPO	VersiWeld	VersiWeld PLUS	VersiFlex	VersiFleece PVC
RoofNAV Number											
Concrete Deck with SureMB 70 SA with Cav-Grip 3V Primer											
Min. 1/2" VersiCore Polyiso	Full-Coverage DASH	DuraStorm VSH	12" ribbons of DASH	1-285	519866-0-0	-	519865-0-0	-	-	560576-0-0	-
Concrete Deck with SureMB 90TG, 1201G Base Torch Applied and Cut-Back Asphalt Primer											
Min. 1/2" VersiCore Polyiso	Full-Coverage DASH	DuraStorm VSH	12" ribbons of DASH	1-225	461272-0-0 (1-255)	551568-0-0 (1-255)	-	554514-0-0	461143-0-0	560470-0-0	567709-0-0
Gypsum Deck Tear-Off											
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	DuraStorm VSH	6" ribbons of DASH	1-90	-	-	524130-0-0	-	486677-0-0	-	-
Gypsum Deck Tear-Off with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer											
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	DuraStorm VSH	6" ribbons of DASH	1-90	-	-	-	-	486676-0-0	-	-
(Celcore) Cellular Lightweight Insulating Concrete Over Steel Decking (Min. 22 Gauge)											
FM Approved	Loose laid	DuraStorm VSH	12 (2.67 sq. ft)	1-75	-	-	-	NA	NA	-	-
FM Approved	Loose laid	DuraStorm VSH	16 (2 sq. ft)	1-90	-	-	-	NA	NA	-	-
-	-	DuraStorm VSH	12 (2.67 sq. ft)	1-75	-	-	-	NA	NA	-	-
-	-	DuraStorm VSH	16 (2 sq. ft)	1-90	-	-	-	NA	NA	-	-
(Celcore) Cellular Lightweight Insulating Concrete Over Structural Concrete Decking											
Min. 1-1/2" VersiCore Polyiso	4" ribbons of DASH	DuraStorm VSH	4" ribbons of DASH	1-135	-	-	-	-	461134-0-50916	560578-0-50916	-

Factory Mutual Approvals
Versico VSH Compliant Roofing System

DuraStorm VSH Ratings - Recover

Membrane Type: VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld PLUS - .080" membrane (TPO)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. for membrane attachment with FleeceBACK membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld PLUS membrane

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece White EPDM	VersiFleece TPO	VersiWeld PLUS	VersiFlex PVC
					RoofNAV Number				
Steel Deck (Min. 22-Gauge)									
-	-	DuraStorm VSH	12 (2.67 sq. ft)	1-75	-	-	-	NA	NA
-	-	DuraStorm VSH	16 (2 sq. ft)	1-90	461810-0-0	-	461519-0-0	NA	NA
-	-	DuraStorm VSH	32 (1 sq. ft.)	1-270			524216-0-0	-	-
Max. 1" VersiCore	Loose-laid	DuraStorm VSH	8 (4 sq. ft)	1-90	-	-	552118-0-0	NA	NA
-	-	DuraStorm VSH	6" ribbons of DASH	1-150	-	-	-	489958-0-0	-
Concrete Deck									
Min. 1/2" VersiCore Polyiso or SecurShield	6" ribbons of DASH	DuraStorm VSH	12" ribbons of DASH	1-90	461280-0-0	-	467534-0-0	-	-
-	-	DuraStorm VSH	6" ribbons of DASH	1-150	466720-0-0	-	466721-0-0	-	-
Gypsum Deck									
-	-	DuraStorm VSH	6" ribbons of DASH	1-90	-	-	-	-	-

Note: Recover approvals in this document are based on the following existing roofing system assumption - the existing smooth Asphalt BUR, Modified Bitumen or single-ply system was FM approved at the time of installation. Direct membrane application over existing EPDM single-ply only.

Factory Mutual Approvals
Versico VSH Compliant Roofing System

DuraFaceR Ratings - New Construction

Membrane Type: VersiFleece White EPDM - 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld PLUS - .080" membrane (TPO)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. for membrane attachment with FleeceBACK membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld PLUS membrane

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece White EPDM	VersiFleece TPO	VersiWeld PLUS
Steel Deck (Min. 22 Gauge)							
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 2" DuraFaceR	17 (1.9 sq. ft)	1-150	439043-0-0	439042-0-0	NA
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 2" DuraFaceR	32 (1 sq. ft)(19)	1-270	439045-0-0	439044-0-0	NA
Min. 2" VersiCore Polyiso	8 (4 sq. ft.)	Min. 2" DuraFaceR	12" ribbons of DASH	1-90	439066-0-0	439065-0-0	-
Min. 1/2" Dens Deck Prime or Securock	16 (2 sq. ft.)	Min. 2" DuraFaceR over min 1-1/2" VersiCore	12" ribbons of DASH	1-90	439068-0-0	439067-0-0	-
Min. 1/2" Dens Deck Prime or Securock	16 (2 sq. ft.)	Min. 1-1/2" Insulam OSB over Insulfoam EPS	6" ribbons of DASH	1-90	439058-0-0	-	-
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft)	Min. 2" DuraFaceR	12" ribbons of FAST	1-90	439064-0-0	439063-0-0	427172-0-0
Min. 2" VersiCore Polyiso	8 (4 sq. ft)	Min. 2" DuraFaceR	12" ribbons of FAST	1-90	-	-	427201-0-0
Min. 1-1/2" Polyiso	Loose laid	Min. 2" DuraFaceR	Full-Coverage FAST	1-90	-	-	419427-0-0
Min. 1/2" DensDeck Prime or 5/8" Securock	16 (2 sq. ft)	Min. 2" DuraFaceR	12" ribbons of FAST	1-90	-	-	427202-0-0
Min. 3" Insulfoam VIII over 1/2" Dens Deck	16 (2 sq. ft)	Min. 1-1/2" Insulam OSB	6" ribbons of DASH	1-150	-	-	434590-0-0
Steel Deck (Min. 22-Gauge) with VapAir Seal 725TR and Cav-Grip 3V or 702 Primer							
Min. 1/2" Dens Deck Prime or Securock	16 (2 sq. ft.)	Min. 2" DuraFaceR over min 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	439059-0-0	-
Min. 1/2" Dens Deck Prime or Securock	16 (2 sq. ft.)	Min. 2" DuraFaceR	12" ribbons of DASH	1-90	439062-0-0	439061-0-0	434469-0-0
Min. 1/2" Dens Deck Prime or Securock	20 (1.6 sq. ft.)	Min. 2" DuraFaceR	6" ribbons of DASH	1-135	Pending	Pending	Pending
Steel Deck (Min. 22-Gauge) with SureMB 70 SA and Cav-Grip 3V Primer							
Min. 1/2" Dens Deck Prime or Securock	16 (2 sq. ft.)	Min. 2" DuraFaceR	12" ribbons of DASH	1-90	Pending	Pending	Pending
Min. 1/2" Dens Deck Prime or Securock	20 (1.6 sq. ft.)	Min. 2" DuraFaceR	6" ribbons of DASH	1-135	Pending	Pending	Pending
Steel Deck (Min. 22-Gauge) with SureMB 90TG or 120TG Base Torch Applied							
Min. 1/2" Dens Deck Prime or Securock	16 (2 sq. ft.)	Min. 2" DuraFaceR over min 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" Dens Deck Prime or Securock	20 (1.6 sq. ft.)	Min. 2" DuraFaceR	6" ribbons of DASH	1-135	Pending	Pending	Pending

Factory Mutual Approvals
Versico VSH Compliant Roofing System

DuraFaceR Ratings - New Construction

Membrane Type: VersiFleece White EPDM - 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld PLUS - .080" membrane (TPO)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. for membrane attachment with FleeceBACK membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld PLUS membrane

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece White EPDM	VersiFleece TPO	VersiWeld PLUS
Concrete Deck							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 2" DuraFaceR	12" ribbons of DASH	1-315	-	-	427190-0-0
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 2" DuraFaceR	Full-Coverage DASH	1-270	439021-0-0	439020-0-0	-
-	-	Min. 2" DuraFaceR	Full-Coverage DASH	1-270	439019-0-0	439018-0-0	-
-	-	Min. 2" DuraFaceR	12" ribbons of DASH	1-165	-	-	434470-0-0
-	-	Min. 2" DuraFaceR	Hot Asphalt	1-300	-	-	419424-0-0
Concrete Deck with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 2" DuraFaceR	12" ribbons of DASH	1-255	439023-0-0	439022-0-0	427203-0-0
Concrete Deck with SureMB 70 SA and Cav-Grip 3V Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 2" DuraFaceR	12" ribbons of DASH	1-270	Pending	Pending	Pending
Concrete Deck with SureMB 90TG and 120TG Base Torch Applied/Cut-Back Asphalt Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 2" DuraFaceR	12" ribbons of DASH	1-270	-	444182-0-0	-
Gypsum Deck Tear-Off							
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 2" DuraFaceR	12" ribbons of DASH	1-90	-	-	-
Gypsum Deck Tear-Off with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer							
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 2" DuraFaceR	12" ribbons of DASH	1-90	-	-	-

Factory Mutual Approvals
Versico VSH Compliant Roofing System

DuraFaceR Ratings - Recover

Membrane Type: VersiFleece White EPDM - 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld PLUS - .080" (TPO)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. for membrane attachment with FleeceBACK membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld PLUS membrane

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece White EPDM	VersiFleece TPO	VersiWeld PLUS
Concrete Deck							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 2" DuraFaceR	12" ribbons of DASH	1-90	-	-	-
-	-	Min. 2" DuraFaceR	Full-Coverage DASH	1-90	-	-	419421-0-0

Note: Recover approvals in this document are based on the following existing roofing system assumption - the existing smooth Asphalt BUR, Modified Bitumen or single-ply system was FM approved at the time of installation. Direct membrane application over existing EPDM single-ply only.

DensDeck StormX Prime Ratings - New Construction

VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld and VersiWeld PLUS - .060" or .080" membrane (TPO)
VersiFlex - .060" & .080" membrane (PVC)
VersiFlex KEE HP - .060" & .080" membrane (PVC)
VersiFlex and VersiFlex KEE HP Fleeceback - 115 or 135 membrane (PVC)

Membrane Adhesive:
Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. or Splatter for membrane attachment with Fleece membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld and VersiWeld PLUS membranes
Hydrobond Water Based PVC bonding adhesive for VersiFlex PVC, VersiFleece PVC and VersiFlex KEE HP Fleeceback (HYB)
Cav-Grip PVC Adhesive for VersiFlex PVC (CG)
Low VOC PVC Bonding Adhesive for VersiFlex PVC and VersiFlex KEE HP membranes (LV)

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened per notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened per notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece White EPDM	VersiFleece TPO	VersiWeld	VersiWeld PLUS	VersiFlex	VersiFlex KEE HP (LVOC only)	VersiFleece PVC	VersiFleece KEE HP
					Roof/NAV Number								
					Steel Deck (Min. 22-Gauge)								
Min. 1-1/2" VersiCore Polyiso	Loose-Laid	5/8" DensDeck StormX	8 (4 sq. ft.)	1-90	567015-0-0	-	577373-0-0	NA	NA	NA	NA	NA	NA
Min. 1-1/2" VersiCore Polyiso	Loose-Laid	5/8" DensDeck StormX	18 (1.8 sq. ft.)	1-135	567011-0-0	-	567004-0-0	NA	NA	NA	NA	NA	NA
Min. 1-1/2" VersiCore Polyiso	Loose-Laid	5/8" DensDeck StormX	32 (1 sq. ft.)	1-165	-	-	567010-0-0	NA	NA	NA	NA	NA	NA
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	5/8" DensDeck StormX	12" ribbons of DASH	1-90	557285-0-0	551675-0-0	551609-0-0	-	-	560705-0-0 (HYB) 559522-0-0 (CG)	557691-0-0	554266-0-0	-
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	5/8" DensDeck StormX over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	557284-0-0	551674-0-0	551601-0-0	478034-0-0	478034-0-0	561192-0-0 (HYB) 559523-0-0 (CG)	-	554295-0-0	568415-0-0
Min. 2" VersiCore Polyiso	8 (4 sq. ft.)	5/8" DensDeck StormX	12" ribbons of DASH	1-90	557287-0-0	551679-0-0	-	481545-0-0	477811-0-0	554346-0-0 (HYB) 559175-0-0 (CG/LV)	-	554273-0-0	568407-0-0
Min. 2" VersiCore Polyiso	8 (4 sq. ft.)	5/8" DensDeck StormX over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	557286-0-0	551678-0-0	551612-0-0	-	-	561193-0-0 (HYB) 559173-0-0 (CG/LV)	-	554296-0-0	568420-0-0
Min. 2" VersiCore Polyiso	16 (2 sq. ft.)	5/8" DensDeck StormX	12" ribbons of DASH	1-120	557282-0-0	551699-0-0	551654-0-0	478621-0-0	478621-0-0	560133-0-0 (LV) 559532-0-0 (CG)	557692-0-0	-	-
Min. 2" VersiCore Polyiso	16 (2 sq. ft.)	5/8" DensDeck StormX over Min. 1" VersiCore	12" ribbons of DASH	1-105	557283-0-0	-	-	-	-	559535-0-0 (CG)	-	-	-
Min. 2" VersiCore Polyiso	20 (1.6 sq. ft.)	5/8" DensDeck StormX	6" ribbons of DASH	1-135	557281-0-0	551702-0-0	551656-0-0	478620-0-0	478620-0-0	561194-0-0 (HYB) (1-120) 559531-0-0 (CG)	-	-	-
Min. 2" VersiCore Polyiso	32 (1 sq. ft.)	5/8" DensDeck StormX	4" ribbons of DASH	1-165 C-Deck	-	-	-	478622-0-0	478624-0-0	560118-0-0 (LV) 559533-0-0 (CG)	-	-	-
Min. 2" VersiCore Polyiso	32 (1 sq. ft.)	5/8" DensDeck StormX	4" ribbons of DASH	1-225 E-Deck	-	-	551652-0-0	478623-0-0	478625-0-0	-	-	-	568440-0-0
Min. 1/2" DensDeck Prime	16 (2 sq. ft.)	5/8" DensDeck StormX and Min. 1.5" VersiCore in adhesive	12" ribbons of DASH	1-90	-	-	551653-0-0	477985-0-0	477983-0-0	-	-	564992-0-0	568429-0-0
Min. 1/2" DensDeck Prime	16 (2 sq. ft.)	5/8" DensDeck StormX and Min. 1" Insulation Roofing EPS in adhesive	6" ribbons of DASH	1-90	-	-	-	-	-	560129-0-0 (LV)	-	-	-

DensDeck StormX Prime Ratings - New Construction

VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
Membrane Type: VersaWeld and VersaWeld PLUS - .060" or .080" membrane (TPO)
VersiFlex - .060" & .080" membrane (PVC)
VersiFlex KEE HP - .060" & .080" membrane (PVC)
VersiFlex and VersiFlex KEE HP Fleeceback - 115 or 135 membrane (PVC)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. or Splatter for membrane attachment with Fleece membranes
VersaWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld and VersaWeld PLUS membranes
Hydrobond Water Based PVC bonding adhesive for VersiFlex PVC, VersiFleece PVC and VersiFlex KEE HP Fleeceback (HYB)
Cav-Grip PVC Adhesive for VersiFlex PVC (CG)
Low VOC PVC Bonding Adhesive for VersiFlex PVC and VersiFlex KEE HP membranes (LV)

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece White EPDM	VersiFleece TPO	VersiWeld	VersiWeld PLUS	VersiFlex	VersiFlex KEE HP (LVOC only)	VersiFleece PVC	VersiFleece KEE HP
					Roof/NAV Number								
Steel Deck (Min. 22-Gauge) with VapAir Seal 725TR and Cav-Grip 3V or 702 Primer													
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	5/8" DensDeck StormX over 1-1/2" VersiCore Polyiso	12" ribbons of DASH	1-90	557289-0-0	551692-0-0	551624-0-0	478004-0-0	478004-0-0	561196-0-0 (HYB) 559521-0-0 (CG)	-	581146-0-0	-
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	5/8" DensDeck StormX over 1" Insulation Roofing EPS	6" ribbons of DASH	1-90	-	-	-	-	-	560128-0-0 (LV)	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	5/8" DensDeck StormX over 1-1/2" VersiCore Polyiso	FAST - Rig Splatter	1-135	-	-	-	-	-	-	-	-	-
Steel Deck (Min. 22-Gauge) with SureMB 70 SA and Cav-Grip 3V Primer													
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	5/8" DensDeck StormX over 1-1/2" VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-	-	-	-	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	5/8" DensDeck StormX over 1-1/2" VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-	-	-	-	-	-	-
Steel Deck (Min. 22-Gauge) with SureMB 901G or 1201G Base Torch Applied													
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	5/8" DensDeck StormX over 1-1/2" VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-	478647-0-0	478648-0-0	559489-0-0 (CG/LV)	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	5/8" DensDeck StormX over 1-1/2" VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-	-	-	-	-	-	-
Concrete Deck													
Min. 1.5" VersiCore Polyiso	12" ribbons of DASH	5/8" DensDeck StormX	12" ribbons of DASH	1-465	-	551668-0-0 (1-270)	551638-0-0 (1-315)	477785-0-0	477786-0-0	559178-0-0 (CG/LV)	-	554276-0-0 (1-315)	554304-0-0 (1-315)
Min. 2" Insulation Roofing EPS	12" ribbons of DASH	5/8" DensDeck StormX	12" ribbons of DASH	1-465	-	-	-	478649-0-0	478650-0-0	-	-	-	-

DensDeck StormX Prime Ratings - New Construction

VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld and VersiWeld PLUS - .060" or .080" membrane (TPO)
VersiFlex - .060" & .080" membrane (PVC)
VersiFlex KEE HP - .060" & .080" membrane (PVC)
VersiFlex and VersiFlex KEE HP Fleeceback - 115 or 135 membrane (PVC)

Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. or Splinter for membrane attachment with Fleece membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld and VersiWeld PLUS membranes
Hydrobond Water Based PVC bonding adhesive for VersiFlex PVC, VersiFleece PVC and VersiFlex KEE HP Fleeceback (HYB)
Cav-Grip PVC Adhesive for VersiFlex PVC (CG)
Low VOC PVC Bonding Adhesive for VersiFlex PVC and VersiFlex KEE HP membranes (LV)

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened per notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened per notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece White EPDM	VersiFleece TPO	VersiWeld	VersiWeld PLUS	VersiFlex	VersiFlex KEE HP (LVOC only)	VersiFleece PVC	VersiFleece KEE HP
					Roof/NAV Number								
Concrete Deck with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer													
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" DensDeck StormX	12" ribbons of DASH	1-255	-	551693-0-0	551635-0-0	478007-0-0	478007-0-0	561198-0-0 (HYB) 559179-0-0 (CGLV)	-	554264-0-0	554300-0-0
Min. 1" Insulflam Roofing EPS	12" ribbons of DASH	5/8" DensDeck StormX	12" ribbons of DASH	1-315	-	-	-	-	-	559493-0-0 (CGLV)	-	-	568433-0-0 (1-90)
Concrete Deck with SureMB 70 SA and Cav-Grip 3V Primer													
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" DensDeck StormX	12" ribbons of DASH	1-255	-	-	-	557083-0-0	557083-0-0	554437-0-0 (HYB) 559530-0-0 (CGLV)	-	-	-
Concrete Deck with SureMB 90TG, 120TG Base Torch Applied and Cut-Back Asphalt Primer													
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" DensDeck StormX	12" ribbons of DASH	1-315	-	551696-0-0 (1-255)	551646-0-0 (1-255)	478014-00	478014-0-0	561203-0-0 (HYB)	-	554269-0-0	568435-0-0 (1-255)
Min. 1" Insulflam Roofing EPS	12" ribbons of DASH	5/8" DensDeck StormX	12" ribbons of DASH	1-90	-	-	-	-	-	-	-	-	568437-0-0
Gypsum Deck Tear-Off													
Min. 1-1/2" VersiCore Polyiso	DASH Splinter	5/8" DensDeck StormX	DASH Splinter	1-90	-	-	551594-0-0	479141-0-0	479141-0-0	559538-0-0 (CGLV)	-	564976-0-0	568387-0-0
Gypsum Deck Tear-Off with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer													
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" DensDeck StormX	12" ribbons of DASH	1-90	-	-	-	478628-0-0	478628-0-0	-	-	-	-
Lightweight Insulating Concrete over Steel Decking													
Min. 1-1/2" VersiCore Polyiso	4" ribbons of DASH	5/8" DensDeck StormX	12" ribbons of DASH	1-135	-	551683-0-194470	551619-0-194470	497923-0-194470	497923-0-194470	-	-	-	568425-0-194470
Lightweight Insulating Concrete over Structural Concrete													
Min. 1-1/2" VersiCore Polyiso	4" ribbons of DASH	5/8" DensDeck StormX	12" ribbons of DASH	1-90	-	551684-0-50916	551622-0-50916	497941-0-50916	497941-0-50916	561197-0-50916 (HYB) 559491-0-50916 (CGLV)	-	564974-0-50916	568426-0-50916

Factory Mutual Approvals
Versico VSH Compliant Roofing System

DensDeck StormX Prime Ratings - Recover

Membrane Type: VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld and VersiWeld PLUS - .060" or .080" membrane (TPO)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. or Splatter for membrane attachment with Fleece membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld and VersiWeld PLUS membranes
Hydrobond Water Based PVC bonding adhesive for VersiFlex PVC, VersiFleece PVC and VersiFleece KEE HP

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece White EPDM	VersiFleece TPO	VersiWeld	VersiWeld PLUS	VersiFlex PVC	VersiFleece PVC {PVC and KEE HP}
RoofNAV Number											
Steel Deck (Min. 22-Gauge)											
-	-	5/8" DensDeck StormX	8 (4 sq. ft.)	1-90	569727-0-0	-	577374-0-0	-	-	-	-
-	-	5/8" DensDeck StormX	18 (1.8 sq. ft.)	1-135	-	-	569728-0-0	-	-	-	-
-	-	5/8" DensDeck StormX	6" ribbons of DASH	1-90	-	-	-	497942-0-0	497942-0-0	560137-0-0	-
-	-	5/8" DensDeck StormX	6" ribbons of DASH	1-135	-	-	-	-	-	581760-0-0	581140-0-0
Max. 1" VersiCore Polyiso or SecurShield	16 (2 sq. ft.)	5/8" DensDeck StormX	12" ribbons of DASH	1-90	-	-	569729-0-0	-	-	560122-0-0	-
Concrete Deck											
Min. 1/2" VersiCore Polyiso or SecurShield	6" ribbons of DASH	5/8" DensDeck StormX	12" ribbons of DASH	1-90	-	-	-	-	-	-	-
-	-	5/8" DensDeck StormX	6" ribbons of DASH	1-150	-	-	-	-	-	-	-
Gypsum Deck											
-	-	5/8" DensDeck StormX	6" ribbons of DASH	1-90	-	-	-	-	-	-	-
Tectum Deck											
Min. 1" VersiCore Polyiso	20 (1.6 sq. ft.)	5/8" DensDeck StormX	12" ribbons of DASH	1-90	-	-	-	477989-0-0	477989-0-0	-	-

Note: Recover approvals in this document are based on the following existing roofing system assumption - the existing smooth Asphalt BUR, Modified Bitumen or single-ply system was FM approved at the time of installation. Direct membrane application over existing EPDM single-ply only.

Factory Mutual Approvals
Versico VSH Compliant Roofing System

DEXcell FA VSH Glass Mat Ratings - New Construction

Membrane Type:
VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld and VersiWeld PLUS - .060" or .080" membrane (TPO)
VersiFlex - .060" & .080" membrane (PVC)
VersiFlex KEE HP - .060" & .080" membrane (PVC)
VersiFleece PVC and KEE HP - 115 or 135 membrane (PVC)

Membrane Adhesive:
Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. or Splatter for membrane attachment with Fleece membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld and VersiWeld PLUS membranes
Hydrobond Water Based PVC bonding adhesive for VersiFlex PVC, VersiFleece PVC and VersiFlex KEE HP Fleeceback (HYB)
Cav-Grip PVC Adhesive for VersiFlex PVC (CG)
Low VOC PVC Bonding Adhesive for VersiFlex PVC and VersiFlex KEE HP membranes (LV)

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece White EPDM	VersiFleece TPO	VersiWeld	VersiWeld PLUS	VersiFlex	VersiFlex KEE HP (LVOC only)	VersiFleece PVC	VersiFlex KEE HP FleeceBack
RoofNAV Number													
Steel Deck (Min. 22-Gauge)													
Min. 1-1/2" VersiCore Polyiso	Loose-Laid	5/8" DEXcell FA VSH	10 (3.2 sq. ft.)	1-90	-	-	577375-0-0	NA	NA	NA	NA	NA	NA
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	5/8" DEXcell FA VSH	12" ribbons of DASH	1-90	-	-	581691-0-0	-	-	-	-	-	-
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	5/8" DEXcell FA VSH over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	581675-0-0	-	-	-	-	-	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft.)	5/8" DEXcell FA VSH	12" ribbons of DASH	1-90	-	-	-	-	-	-	-	-	568397-0-0
Min. 2" VersiCore Polyiso	8 (4 sq. ft.)	5/8" DEXcell FA VSH over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	-	-	-	-	-	-	-
Min. 1/2" DensDeck Prime	16 (2 sq. ft.)	5/8" DEXcell FA VSH over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	-	-	-	-	-	-	-
Steel Deck (Min. 22-Gauge) with VapAir Seal 725TR and Cav-Grip 3V or 702 Primer													
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	5/8" DEXcell FA VSH over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	-	-	-	-	-	-	-
Steel Deck (Min. 22-Gauge) with SureMB 70 SA and Cav-Grip 3V Primer													
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	5/8" DEXcell FA VSH over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	-	-	-	-	-	-	-
Steel Deck (Min. 22-Gauge) with SureMB 90TG or 120TG Base Torch Applied													
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	5/8" DEXcell FA VSH over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	-	-	-	-	-	-	-

Concrete Deck													
Min. 1.5" VersiCore Polyiso	12" ribbons of DASH	5/8" DEXcell FA VSH	12" ribbons of DASH	1-315	-	-	581703-0-0	-	-	-	-	-	-
Min. 2" Insulfoam Roofing EPS	12" ribbons of DASH	5/8" DEXcell FA VSH	12" ribbons of DASH	1-465	-	-	-	-	-	-	-	-	-
Concrete Deck with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer													
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" DEXcell FA VSH	12" ribbons of DASH	1-255	-	-	-	-	-	-	-	-	-
Min. 1" Insulfoam Roofing EPS	12" ribbons of DASH	5/8" DEXcell FA VSH	12" ribbons of DASH	1-315	-	-	-	-	-	-	-	-	-
Concrete Deck with SureMB 70 SA and Cav-Grip 3V Primer													
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" DEXcell FA VSH	12" ribbons of DASH	1-255	-	-	-	-	-	-	-	-	-
Concrete Deck with SureMB 90TG, 120TG Base Torch Applied and Cut-Back Asphalt Primer													
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" DEXcell FA VSH	12" ribbons of DASH	1-315	-	-	-	-	-	-	-	-	-
Gypsum Deck Tear-Off													
Min. 1-1/2" VersiCore Polyiso	DASH Splatter	5/8" DEXcell FA VSH	DASH Splatter	1-90	-	-	-	-	-	-	-	-	-
Gypsum Deck Tear-Off with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer													
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" DEXcell FA VSH	12" ribbons of DASH	1-90	-	-	-	-	-	-	-	-	-
Lightweight Insulating Concrete over Steel Decking													
Min. 1-1/2" VersiCore Polyiso	4" ribbons of DASH	5/8" DEXcell FA VSH	12" ribbons of DASH	1-135	-	-	-	-	-	-	-	-	-
Lightweight Insulating Concrete over Structural Concrete													
Min. 1-1/2" VersiCore Polyiso	4" ribbons of DASH	5/8" DEXcell FA VSH	12" ribbons of DASH	1-90	-	-	-	-	-	-	-	-	-

Factory Mutual Approvals
Versico VSH Compliant Roofing System

DEXcell FA VSH Glass Mat Ratings - Recover

Membrane Type: VersiFleece Black EPDM - 115 or 145 membrane (black EPDM)
VersiFleece White EPDM - 115 or 145 membrane (white EPDM)
VersiFleece TPO - 115 or 135 membrane (TPO)
VersiWeld and VersiWeld PLUS - .060" or .080" membrane (TPO)

Membrane Adhesive: Flexible DASH and Flexible DASH Dual Tank beads 4" o.c. or Splatter for membrane attachment with FleeceBACK membranes
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld and VersiWeld PLUS membranes
Hydrobond Water Based PVC bonding adhesive for VersiFlex PVC, VersiFleece PVC and VersiFlex KEE HP Fleeceback

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiFleece Black EPDM	VersiFleece White EPDM	VersiFleece TPO	VersiWeld	Sure- Weld EXTRA	VersiFlex PVC	VersiFleece PVC {PVC and KEE HP}
					RoofNAV Number						
Steel Deck (Min. 22-Gauge)											
-	-	5/8" DEXcell FA VSH	10 (3.2 sq. ft)	1-90	-	-	579498-0-0	NA	NA	NA	NA
-	-	5/8" DEXcell FA VSH	6" ribbons of DASH	1-90	-	-	-	-	-	-	-
Max. 1" VersiCore Polyiso or SecurShield	20 (1.6 sq. ft.)	5/8" DEXcell FA VSH	12" ribbons of DASH	1-90	-	-	-	-	-	-	-
Concrete Deck											
Min. 1/2" VersiCore Polyiso or SecurShield	6" ribbons of DASH	5/8" DEXcell FA VSH	12" ribbons of DASH	1-90	-	-	-	-	-	-	-
-	-	5/8" DEXcell FA VSH	6" ribbons of DASH	1-150	-	-	-	-	-	-	-
Gypsum Deck											
-	-	5/8" DEXcell FA VSH	6" ribbons of DASH	1-90	-	-	-	-	-	-	-

Note: Recover approvals in this document are based on the following existing roofing system assumption - the existing smooth Asphalt BUR, Modified Bitumen or single-ply system was FM approved at the time of installation. Direct membrane application over existing EPDM single-ply only.

Factory Mutual Approvals

SECUROCK Weather Defense Roof Board Ratings - New Construction

Membrane Type: VersiGard Black Non-Reinforced - .090" membrane (black EPDM)
VersiWeld and VersiWeld PLUS - .060" or .080" membrane (TPO)
VersiFleece KEE HP - 135 membrane (PVC)

Membrane Adhesive: 90-8-30A Bonding Adhesive for VersiGard Black Non-Reinforced
VersiWeld Bonding Adhesive, Low VOC Bonding Adhesive or Cav-Grip 3V Adhesive/Primer for VersiWeld and VersiWeld PLUS membranes
Hydrobond Water Based PVC bonding adhesive for VersiFleece KEE HP (HYB)

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 11, 12 & 13)	Rating	VersiGard Black NR	VersiWeld	VersiWeld PLUS	VersiFleece KEE HP
					RoofNAV Number			
Steel Deck (Min. 22-Gauge)								
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	5/8" Weather Defense	12" ribbons of DASH	1-90	-	-	-	-
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	5/8" Weather Defense over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	-	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft)	5/8" Weather Defense	12" ribbons of DASH	1-90	581754-0-0	-	-	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft)	5/8" Weather Defense over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	581699-0-0	-	-	-
Min. 1/2" DensDeck Prime	16 (2 sq. ft.)	5/8" Weather Defense over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	-	-
Steel Deck (Min. 22-Gauge) with VapAir Seal 725TR and Cav-Grip 3V or 702 Primer								
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	5/8" Weather Defense over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	-	-
Steel Deck (Min. 22-Gauge) with SureMB 70 SA and Cav-Grip 3V Primer								
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	5/8" Weather Defense over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	581757-0-0	-	-	-
Steel Deck (Min. 22-Gauge) with SureMB 90TG or 120TG Base Torch Applied								
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	5/8" Weather Defense over Min. 1-1/2" VersiCore	12" ribbons of DASH	1-90	-	-	-	-
Concrete Deck								
Min. 1.5" VersiCore Polyiso	12" ribbons of DASH	5/8" Weather Defense	12" ribbons of DASH	1-315	-	-	-	554304-0-0
Min. 2" Insulfoam Roofing EPS	12" ribbons of DASH	5/8" Weather Defense	12" ribbons of DASH	1-465	-	-	-	-
Concrete Deck with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer								
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" Weather Defense	12" ribbons of DASH	1-255	-	-	-	-
Min. 1" Insulfoam Roofing EPS	12" ribbons of DASH	5/8" Weather Defense	12" ribbons of DASH	1-315	-	-	-	-
Concrete Deck with SureMB 70 SA and Cav-Grip 3V Primer								
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" Weather Defense	12" ribbons of DASH	1-255	-	-	-	-
Concrete Deck with SureMB 90TG, 120TG Base Torch Applied and Cut-Back Asphalt Primer								
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" Weather Defense	12" ribbons of DASH	1-315	-	-	-	-
Gypsum Deck Tear-Off								
Min. 1-1/2" VersiCore Polyiso	DASH Splatter	5/8" Weather Defense	DASH Splatter	1-90	-	-	-	-
Gypsum Deck Tear-Off with VapAir Seal 725TR and Cav-Grip 3V, 702-LV or 702 Primer								
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	5/8" Weather Defense	12" ribbons of DASH	1-90	-	-	-	-
Lightweight Insulating Concrete over Steel Decking								
Min. 1-1/2" VersiCore Polyiso	4" ribbons of DASH	5/8" Weather Defense	12" ribbons of DASH	1-135	-	-	-	-
Lightweight Insulating Concrete over Structural Concrete								
Min. 1-1/2" VersiCore Polyiso	4" ribbons of DASH	5/8" Weather Defense	12" ribbons of DASH	1-90	-	-	-	-

Versico VSH Compliant Roofing System

Reference Notes

1. DELETED

2. DELETED

3. DELETED

4. DELETED

5. DELETED

6. DELETED

7. DELETED

8. DELETED

9. DELETED

10. Existing adhered or mechanically fastened EPDM or Hypalon roofing systems. Contact Versico regarding suitability and specific requirements.

11. HPV fastener/Insulation plate.

12. InsulTITE fastener/Insulation plate.

13. InsulTITE fastener/SecurFAST Insulation Fastening plate.

14. Testing conducted on minimum 22 gauge FM approved Grade C Steel Deck fastened 4 feet on center.

15. UL 580 Test Standard – “Tests for Uplift Resistance of Roof Assemblies”. This test method subjects a 10’ x 10’ sample to various static and oscillating air pressures to determine uplift resistance.

16. ANSI/UL 1897 Test Standard – “Standard Test Method for Uplift Resistance for Roof Covering Systems”. This test method subjects a 10’ x 10’ sample to differential static uplift pressures to determine resistance. This test is essentially the same as Factory Mutual’s (FM) Uplift Testing only the table size is different.

17. Testing was conducted with VersiFleece EPDM membrane; however, FM testing has shown that VersiFleece TPO membrane secured with DASH Adhesive is equivalent.

18. 80 ksi with one fastener per attachment point.

19. 80 ksi with two fasteners per attachment point.

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