



**VersiFleece AC EPDM
VersiFleece AC TPO
VersiFleece KEE HP**

Cold Applied Adhered Roofing System

Code Approval Guide

January 2024

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FM Approvals
Design "A" Adhered Roofing Systems
Cold Applied Adhered Roofing System

SecurShield HD Ratings - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22 Gauge)							
Min. 1-1/2" VersiCore Polyiso or SecurShield	Loose laid	1/2" SecurShield HD	12 (2.67 sq. ft)	1-75	-	-	-
Min. 1-1/2" VersiCore Polyiso or SecurShield	Loose laid	1/2" SecurShield HD	16 (2 sq. ft)	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	1/2" SecurShield HD	6" ribbons of DASH	1-90	-	-	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft)	1/2" SecurShield HD	6" ribbons of DASH	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	18 (1.8 sq. ft.)	1/2" SecurShield HD	6" ribbons of DASH	1-105	-	-	-
Min. 1-1/2" VersiCore Polyiso	24 (1.33 sq. ft.)	1/2" SecurShield HD	6" ribbons of DASH	1-150	-	-	-
Min. 1-1/2" VersiCore Polyiso	24 (1.33 sq. ft.)	1/2" SecurShield HD	4" ribbons DASH	1-165	-	-	-
Min. 1/2" DensDeck Prime or Securock	16 (2 sq. ft.)	1/2" SecurShield HD over VersiCore Polyiso	6" ribbons of DASH	1-90	-	-	-
Steel Deck (Min. 22 Gauge)/VapAir Seal 725TR with CAV-GRIP 3V or 702 Primer							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/2" SecurShield HD over VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/2" SecurShield HD over VersiCore Polyiso	DASH - Rig Splatter	1-135	-	-	-
Steel Deck (Min. 22 Gauge)/SureMB 70 SA with CAV-GRIP 3V Primer							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/2" SecurShield HD over VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/2" SecurShield HD over VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-
Steel Deck (Min. 22 Gauge)/SureMB 90TG or 120TG Base Torch Applied							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/2" SecurShield HD over VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/2" SecurShield HD over VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-
Concrete Deck							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	1/2" SecurShield HD	12" ribbons of DASH	1-225	-	-	-
Min. 1/2" VersiCore Polyiso	Hot Asphalt	1/2" SecurShield HD	Hot Asphalt	1-240	-	-	-
Concrete Deck/VapAir Seal 725TR with CAV-GRIP 3V, 702 LV or 702 Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	1/2" SecurShield HD	12" ribbons of DASH	1-225	-	-	-
Concrete Deck/SureMB 70 SA with CAV-GRIP 3V Primer							
Min. 1/2" VersiCore Polyiso or Min. 1- 1/2" SecurShield	12" ribbons of DASH	1/2" SecurShield HD	12" ribbons of DASH	1-240	-	-	-
Concrete Deck/SureMB 90TG or 120TG Base Torch Applied/Cut-Back Asphalt Primer							
Min. 1/2" VersiCore Polyiso or Min. 1- 1/2" SecurShield	12" ribbons of DASH	1/2" SecurShield HD	12" ribbons of DASH	1-240	-	-	-

FM Approvals
 Design "A" Adhered Roofing Systems
 Cold Applied Adhered Roofing System

SecurShield HD Ratings - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
 VersiFleece AC TPO Membrane
 VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Gypsum Deck Tear-Off							
Min. 1/2" VersiCore Polyiso or Min. 1-1/2" SecurShield	12" ribbons of DASH	1/2" SecurShield HD	12" ribbons of DASH	1-90	-	-	-
Cellular Lightweight Insulating Concrete/Steel Decking (Min. 22 Gauge)							
FM Approved	Loose laid	1/2" SecurShield HD	12 (2.67 sq. ft)	1-75	-	-	-
FM Approved	Loose laid	1/2" SecurShield HD	16 (2 sq. ft)	1-90	-	-	-
-	-	1/2" SecurShield HD	12 (2.67 sq. ft)	1-75	-	-	-
-	-	1/2" SecurShield HD	16 (2 sq. ft)	1-90	-	-	-

FM Approvals
Design "A" Adhered Roofing Systems
Cold Applied Adhered Roofing System

SecurShield HD Ratings - Recover

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22 Gauge)							
-	-	1/2" SecurShield HD	12 (2.67 sq. ft)	1-75	-	-	-
-	-	1/2" SecurShield HD	16 (2 sq. ft)	1-90	-	-	-
-	-	1/2" SecurShield HD	6" ribbons of DASH	1-90	-	-	-
-	-	1/2" SecurShield HD	4" ribbons of DASH	1-150	-	-	-
Concrete Deck							
Min. 1/2" VersiCore Polyiso	6" ribbons of DASH	1/2" SecurShield HD	6" ribbons of DASH	1-150	-	-	-
-	-	1/2" SecurShield HD	6" ribbons of DASH	1-150	-	-	-
Gypsum Deck							
-	-	1/2" SecurShield HD	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 or Modified Bitumen was FM Approved at the time of insulation.

FM Approvals
Design "A" Adhered Roofing Systems
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SecurShield HD Plus Ratings - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22 Gauge)							
Min. 1-1/2" VersiCore Polyiso or SecurShield	Loose laid	1/2" SecurShield HD Plus	8 (4 sq. ft)	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso or SecurShield	Loose laid	1/2" SecurShield HD Plus	18 (1.8 sq. ft)	1-120	-	-	-
Min. 1-1/2" VersiCore Polyiso or SecurShield	Loose laid	1/2" SecurShield HD Plus	24 (1.33 sq. ft)	1-150	-	-	-
Min. 1-1/2" VersiCore Polyiso or SecurShield	Loose laid	1/2" SecurShield HD Plus	24 (1.33 sq. ft)	1-225	-	-	-
Min. 1-1/2" VersiCore Polyiso or SecurShield	10 (3.2 sq. ft.)	1/2" SecurShield HD Plus	6" ribbons of DASH	1-90	-	-	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft)	1/2" SecurShield HD Plus	6" ribbons of DASH	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	18 (1.8 sq. ft.)	1/2" SecurShield HD Plus	6" ribbons of DASH	1-105	-	-	-
Min. 1-1/2" VersiCore Polyiso	24 (1.33 sq. ft.)	1/2" SecurShield HD Plus	4" ribbons of DASH	1-150	-	-	-
Min. 1-1/2" VersiCore Polyiso	24 (1.33 sq. ft.)	1/2" SecurShield HD Plus	4" ribbons of DASH	1-165	-	-	-
Min. 1/2" DensDeck Prime or Securock	16 (2 sq. ft.)	1/2" SecurShield HD Plus over VersiCore Polyiso	6" ribbons of DASH	1-90	-	-	-
Steel Deck (Min. 22 Gauge)/VapAir Seal 725TR with CAV-GRIP 3V or 702 Primer							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/2" SecurShield HD Plus over VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/2" SecurShield HD Plus over VersiCore Polyiso	DASH - Rig Splatter	1-135	-	-	-
Steel Deck (Min. 22 Gauge)SureMB 70 SA with CAV-GRIP 3V Primer							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/2" SecurShield HD Plus over VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/2" SecurShield HD Plus over VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-
Steel Deck (Min. 22 Gauge)SureMB 90TG or 120 TG Base Torch Applied							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/2" SecurShield HD Plus over VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/2" SecurShield HD Plus over VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-

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SecurShield HD Plus Ratings - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Concrete Deck							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	1/2" SecurShield HD Plus	12" ribbons of DASH	1-225	-	-	-
Min. 1/2" VersiCore Polyiso	Hot Asphalt	1/2" SecurShield HD Plus	Hot Asphalt	1-240	-	-	-
Concrete Deck/VapAir Seal 725TR with CAV-GRIP 3V, 702 LV or 702 Primer							
Min. 1/2" VersiCore Polyiso or Min. 1-1/2" SecurShield	12" ribbons of DASH	1/2" SecurShield HD Plus	12" ribbons of DASH	1-255	-	-	-
Concrete Deck/SureMB 70 AS with CAV-GRIP 3V Primer							
Min. 1/2" VersiCore Polyiso or Min. 1-1/2" SecurShield	12" ribbons of DASH	1/2" SecurShield HD Plus	12" ribbons of DASH	1-240	-	-	-
Concrete Deck/SureMB 90TG or 120TG Base Torch Applied/Cut-Back Asphalt Primer							
Min. 1/2" VersiCore Polyiso or Min. 1-1/2" SecurShield	12" ribbons of DASH	1/2" SecurShield HD Plus	12" ribbons of DASH	1-240	-	-	-
Gypsum Deck Tear-Off							
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	1/2" SecurShield HD Plus	12" ribbons of DASH	1-90	-	-	-
(Celcore) Cellular Lightweight Insulating Concrete/Steel Decking (Min. 22 Gauge)							
FM Approved	Loose laid	1/2" SecurShield HD Plus	12 (2.67 sq. ft)	1-75	-	-	-
FM Approved	Loose laid	1/2" SecurShield HD Plus	16 (2 sq. ft)	1-90	-	-	-
-	-	1/2" SecurShield HD Plus	12 (2.67 sq. ft)	1-75	-	-	-
-	-	1/2" SecurShield HD Plus	16 (2 sq. ft)	1-90	-	-	-

FM Approvals
Design "A" Adhered Roofing Systems
Cold Applied Adhered Roofing System

SecurShield HD Plus Ratings - Recover

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22 Gauge)							
-	-	1/2" SecurShield HD Plus	8 (4 sq. ft)	1-90	-	-	-
-	-	1/2" SecurShield HD Plus	6" ribbons of DASH	1-90	-	-	-
-	-	1/2" SecurShield HD Plus	4" ribbons of DASH	1-150	-	-	-
Concrete Deck							
Min. 1/2" VersiCore Polyiso	6" ribbons of DASH	1/2" SecurShield HD Plus	6" ribbons of DASH	1-150	-	-	-
-	-	1/2" SecurShield HD Plus	6" ribbons of DASH	1-150	-	-	-
Gypsum Deck							
Min. 1-1/2" VersiCore Polyiso	Full-Coverage DASH	1/2" SecurShield HD Plus	Full-Coverage DASH	1-90	-	-	-

Note: Recover approvals in this document are based on the following existing roofing system assumption - the existing Smooth Asphalt BUR or Modified Bitumen was FM Approved at the time of insulation.

FM Approvals
Design "A" Adhered Roofing Systems
Cold Applied Adhered Roofing System

VersiCore Polyiso Ratings - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22 Gauge)							
Min. 1-1/2" VersiCore Polyiso	16 (2 sq. ft.)	-	-	1-90	188327-0-0	188381-0-0	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft.)	-	-	1-90	188343-0-0	188408-0-0	-
Min. 2" VersiCore Polyiso	20 (1.6 sq. ft.)	-	-	1-150	132160-0-0	-	-
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	1-1/2" VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft.)	Min. 2" VersiCore Polyiso	12" ribbons of DASH	1-90	188340-0-0	188401-0-0	-
Min. 1-1/2" VersiCore Polyiso	18 (1.8 sq. ft.)	1-1/2" VersiCore Polyiso	6" ribbons of DASH	1-105	-	-	-
Min. 1-1/2" VersiCore Polyiso	24 (1.33 sq. ft.)	1-1/2" VersiCore Polyiso	4" ribbons of DASH	1-165	-	-	-
Min. 1/2" Dens-Deck Prime or Securock	16 (2 sq. ft.)	1-1/2" VersiCore Polyiso	12" ribbons of DASH	1-90	181156-0-0	181160-0-0	-
Steel Deck with VapAir Seal 725 TR and CAV-GRIP 3V or 702 Primer							
Min. 1/2" Dens-Deck Prime or Securock	8 (4 sq. ft.)	1-1/2" VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" Dens-Deck Prime or Securock	20 (1.6 sq. ft.)	1-1/2" VersiCore Polyiso	DASH - Rig Splatter	1-135	-	-	-
Steel Deck with SureMB 70 SA and CAV-GRIP 3V Primer							
Min. 1/2" Dens-Deck Prime or Securock	8 (4 sq. ft.)	1-1/2" VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" Dens-Deck Prime or Securock	20 (1.6 sq. ft.)	1-1/2" VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-
Steel Deck with SureMB 90TG or 120 TG Base Torch Applied							
Min. 1/2" Dens-Deck Prime or Securock	8 (4 sq. ft.)	1-1/2" VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" Dens-Deck Prime or Securock	20 (1.6 sq. ft.)	1-1/2" VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-
Concrete Deck							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	-	-	1-315	-	279652-0-0	-
Min. 1/2" VersiCore Polyiso	Hot Asphalt	-	-	1-315	-	279652-0-0	-

FM Approvals
Design "A" Adhered Roofing Systems
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VersiCore Polyiso Ratings - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Concrete Deck with VapAir Seal 725 TR and CAV-GRIP 3V / 702-LV / 702 Primer							
Min. 1-1/2" VersiCore Polyiso	Full-Coverage DASH	-	-	1-255	-	-	-
Concrete Deck with SureMB 70 SA with CAV-GRIP 3V Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	VersiCore Polyiso	12" ribbons of DASH	1-285	-	-	-
Concrete Deck with SureMB 90TG and 120TG Base Torch Applied/Cut-Back Asphalt Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	VersiCore Polyiso	12" ribbons of DASH	1-330	-	-	-
1-1/2" VersiCore Polyiso	Full-Coverage DASH	-	-	1-195	-	392319-0-0	-
Gypsum Deck Tear-Off							
Min. 1-1/2" VersiCore Polyiso	16 (2 sq. ft)	-	-	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	-	-	1-90	-	-	-
(Celcore) Cellular Lightweight Insulating Concrete/Steel Decking (Min. 22 Gauge)							
1-1/2" VersiCore Polyiso	16 (2 sq. ft)	-	-	1-90	-	-	-
2" VersiCore Polyiso	8 (4 sq. ft)	-	-	1-90	-	-	-
2" VersiCore Polyiso	20 (1.6 sq. ft)	-	-	1-150	-	-	-

FM Approvals
 Design "A" Adhered Roofing Systems
 Cold Applied Adhered Roofing System

VersiCore Polyiso Ratings - Recover

Membrane Type: VersiFleece AC EPDM Membrane
 VersiFleece AC TPO Membrane
 VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22 Gauge)							
1" VersiCore Polyiso	20 (1.6 sq. ft)	-	-	1-90	-	-	-
1" VersiCore Polyiso	6" ribbons of DASH	-	-	1-90	-	-	-
Concrete Deck							
1/2" VersiCore Polyiso	12" ribbons of DASH	-	-	1-90	-	-	-
Gypsum Deck							
1" VersiCore Polyiso	20 (1.6 sq. ft)	-	-	1-90	-	-	-
1" VersiCore Polyiso	Full-Coverage DASH	-	-	1-90	-	-	-

Note: Recover approvals in this document are based on the following existing roofing system assumption - the existing Smooth Asphalt BUR or Modified Bitumen was FM Approved at the time of insulation.

FM Approvals
Design "A" Adhered Roofing Systems
Cold Applied Adhered Roofing System

SecurShield and SecurShield HD Composite Ratings - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22 Gauge)							
Min. 1-1/2" SecurShield or SecurShield HD Composite	16 (2 sq. ft.)	-	-	1-90	-	-	-
Min. 2" SecurShield or SecurShield HD Composite	8 (4 sq. ft.)	-	-	1-90	-	-	-
Min. 2" SecurShield or SecurShield HD Composite	20 (1.6 sq. ft.)	-	-	1-150	-	-	-
Min. 2" SecurShield Only	32 (1 sq. ft.)	-	-	1-225	-	-	-
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-
Min. 2" VersiCore Polyiso or SecurShield	8 (4 sq. ft.)	Min. 2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	18 (1.8 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	6" ribbons of DASH	1-105	-	-	-
Min. 1-1/2" VersiCore Polyiso	24 (1.33 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	4" ribbons of DASH	1-165	-	-	-
Min. 1/2" DensDeck Prime or Securock	16 (2 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	6" ribbons of DASH	1-90	-	-	-
Steel Deck (Min. 22 Gauge)/VapAir Seal 725TR with CAV-GRIP 3V or 702 Primer							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	DASH - Rig Splatter	1-135	-	-	-
Steel Deck (Min. 22 Gauge)SureMB 70 SA with CAV-GRIP 3V Primer							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	6" ribbons of DASH	1-135	-	-	-
Steel Deck (Min. 22 Gauge)/SureMB 90TG or 120 TG Base Torch Applied							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	6" ribbons of DASH	1-135	-	-	-

FM Approvals
Design "A" Adhered Roofing Systems
Cold Applied Adhered Roofing System

SecurShield and SecurShield HD Composite Ratings - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Concrete Deck							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	1-225	-	-	-
Min. 2" SecurShield or SecurShield HD Composite	Hot Asphalt	-	-	1-300	-	-	-
Concrete Deck/VapAir Seal 725TR with CAV-GRIP 3V, 702 LVor 702 Primer							
Min. 1/2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	-	-	1-255	-	-	-
Concrete Deck/SureMB 70 SA with CAV-GRIP 3V Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	1-285	-	-	-
Concrete Deck/SureMB 90TG or 120TG Base Torch Applied/Cut-Back Asphalt Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	1-330	-	-	-
Gypsum Deck Tear-Off							
Min. 1-1/2" SecurShield or SecurShield HD Composite	16 (2 sq. ft)	-	-	1-90	-	-	-
Min. 1-1/2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	-	-	1-90	-	-	-
Cellular Lightweight Insulating Concrete/Steel Decking (Min. 22 Gauge)							
Min. 1-1/2" SecurShield or SecurShield HD Composite	16 (2 sq. ft)	-	-	1-75	-	-	-
Min. 2" SecurShield or SecurShield HD Composite	8 (4 sq. ft)	-	-	1-90	-	-	-
Min. 2" SecurShield or SecurShield HD Composite	20 (1.6 sq. ft.)	-	-	1-150	-	-	-
Min. 2" SecurShield or SecurShield HD Composite	32 (1 sq. ft.)	-	-	1-225	-	-	-

FM Approvals
 Design "A" Adhered Roofing Systems
 Cold Applied Adhered Roofing System

SecurShield Ratings - Recover

Membrane Type: VersiFleece AC EPDM Membrane
 VersiFleece AC TPO Membrane
 VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22 Gauge)							
1" SecurShield	20 (1.6 sq. ft)	-	-	1-90	-	-	-
Concrete Deck							
1/2" SecurShield	12" ribbons of DASH or Dual Tank	-	-	1-90	-	-	-
Gypsum Deck							
1" SecurShield	20 (1.6 sq. ft)	-	-	1-90	-	-	-
1" SecurShield	Full-Coverage DASH	-	-	1-90	-	-	-

Note: Recover approvals in this document are based on the following existing roofing system assumption - the existing Smooth Asphalt BUR or Modified Bitumen was FM Approved at the time of insulation.

FM Approvals
Design "A" Adhered Roofing Systems
Cold Applied Adhered Roofing System

Securock Ratings - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22 Gauge)							
FM Approved	Loose laid	Min. 1/4" Securock	12 (2.66 sq. ft)	1-75	-	-	-
FM Approved	Loose laid	Min. 1/2" Securock	10 (3.2 sq. ft)	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 1/4" Securock	10 (3.2 sq. ft) SecurFAST Plate	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 5/8" Securock	8 (4 sq. ft) SecurFAST Plate	1-90	-	-	-
FM Approved	Loose laid	Min. 5/8" Securock	8 (4 sq. ft)	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 1/2" Securock	8 (4 sq. ft) SecurFAST Plate	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 1/2" Securock	6 (5.33 sq. ft) SecurFAST Plate	1-75	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 5/8" Securock	6 (5.33 sq. ft) SecurFAST Plate	1-90	-	-	-
FM Approved	Loose laid	Min. 1/2" Securock	20 (1.6 sq. ft)	1-150	-	-	-
FM Approved	Loose laid	Min. 1/2" Securock	32 (1 sq. ft)	1-255	-	-	-
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	Min. 1/4" Securock	6" ribbons of DASH	1-90	-	-	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft)	Min. 1/4" Securock	12" ribbons of DASH	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	18 (1.8 sq. ft.)	Min. 1/4" Securock	6" ribbons of DASH	1-105	-	-	-
Min. 1-1/2" VersiCore Polyiso	24 (1.33 sq. ft.)	Min. 1/4" Securock	4" ribbons of DASH	1-165	-	-	-
Min. 1/2" DensDeck Prime or 5/8" Securock	16 (2 sq. ft.)	Min. 1/4" Securock over 1-1/2" VersiCore Polyiso	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.)	Min. 1/4" Securock over Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	Min. 1/4" Securock over Min. 1-1/2" VersiCore Polyiso	DASH - 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.)	Min. 1/4" Securock over Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	Min. 1/4" Securock over Min. 1-1/2" VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-

FM Approvals
Design "A" Adhered Roofing Systems
Cold Applied Adhered Roofing System

Securock Ratings - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22-Gauge) with SureMB 90TG and 120TG Base Torch Applied							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	Min. 1/4" Securock over Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	Min. 1/4" Securock over Min. 1-1/2" VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" Securock	12" ribbons of DASH	1-315	-	-	-
Min. 1/2" VersiCore Polyiso	Hot Asphalt	Min. 1/4" Securock	Hot Asphalt	1-300	-	-	-
Concrete Deck with VapAir Seal 725TR and CAV-GRIP 3V, 702-LV or 702 Primer							
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" Securock	12" ribbons of DASH	1-255	-	-	-
Concrete Deck with SureMB 70 SA with CAV-GRIP 3V Primer							
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" Securock	12" ribbons of DASH	1-255	-	-	-
Concrete Deck with SureMB 90TG and 120TG Base Torch Applied/Cut-Back Asphalt Primer							
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" Securock	12" ribbons of DASH	1-255	-	-	-
Gypsum Deck Tear-Off							
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" Securock	12" ribbons of DASH	1-90	-	-	-
(Celcore) Cellular Lightweight Insulating Concrete Over Steel Decking (Min. 22 Gauge)							
FM Approved	Loose laid	Min. 1/4" Securock	12 (2.67 sq. ft)	1-75	-	-	-
FM Approved	Loose laid	Min. 1/2" Securock	10 (3.2 sq. ft)	1-90	-	-	-
FM Approved	Loose laid	Min. 5/8" Securock	8 (4 sq. ft)	1-90	-	-	-
FM Approved	Loose laid	Min. 1/2" Securock	20 (1.6 sq. ft)	1-150	-	-	-
FM Approved	Loose laid	Min. 1/2" Securock	32 (1 sq. ft)	1-255	-	-	-

FM Approvals
 Design "A" Adhered Roofing Systems
 Cold Applied Adhered Roofing System

Securock Ratings - Recover

Membrane Type: VersiFleece AC EPDM Membrane
 VersiFleece AC TPO Membrane
 VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Concrete Deck							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" Securock	12" 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 or Modified Bitumen was FM Approved at the time of insulation.

FM Approvals
Design "A" Adhered Roofing Systems
Cold Applied Adhered Roofing System

DensDeck Prime - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22 Gauge)							
FM Approved	Loose laid	Min. 1/4" DensDeck Prime	12 (2.67 sq. ft)	1-90	-	-	-
FM Approved	Loose laid	Min. 1/2" DensDeck Prime	10 (3.2 sq. ft)	1-90	-	-	-
FM Approved	Loose laid	Min. 5/8" DensDeck Prime	8 (4 sq. ft)	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 1/2" DensDeck Prime	8 (4 sq.ft)	1-90	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 1/4" DensDeck Prime	18 (1.8 sq. ft)	1-105	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 1/2" DensDeck Prime	18 (1.8 sq. ft)	1-135	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 1/2" DensDeck Prime	20 (1.6 sq. ft)	1-150	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 1/2" DensDeck Prime	32 (1 sq. ft)	1-165	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 1/2" DensDeck Prime	32 (1 sq. ft)	1-180	-	-	-
Min. 1-1/2" VersiCore Polyiso	Loose laid	Min. 1/2" DensDeck Prime	32 (1 sq. ft)	1-255	-	-	-
Min. 1-1/2" VersiCore Polyiso	10 (3.2 sq. ft.)	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-90	-	-	-
Min. 2" VersiCore Polyiso	8 (4 sq. ft)	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-90	188350-0-0	-	-
Min. 1-1/2" VersiCore Polyiso	18 (1.8 sq. ft.)	Min. 1/4" DensDeck Prime	6" ribbons of DASH	1-105	-	-	-
Min. 1-1/2" VersiCore Polyiso	24 (1.33 sq. ft.)	Min. 1/4" DensDeck Prime	4" ribbons of DASH	1-165	-	-	-
Min. 1/2" DensDeck Prime or Securock	16 (2 sq. ft.)	1/4" DensDeck Prime over VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Steel Deck with VapAir Seal 725 TR and CAV-GRIP 3V or 702 Primer							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/4" DensDeck Prime over VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/4" DensDeck Prime over VersiCore Polyiso	DASH - Rig Splatter	1-135	-	-	-
Steel Deck with SureMB 70 SA and CAV-GRIP 3V Primer							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/4" DensDeck Prime over VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/4" DensDeck Prime over VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-
Steel Deck with SureMB 90TG or 120TG Base Torch Applied							
Min. 1/2" DensDeck Prime or Securock	8 (4 sq. ft.)	1/4" DensDeck Prime over VersiCore Polyiso	12" ribbons of DASH	1-90	-	-	-
Min. 1/2" DensDeck Prime or Securock	20 (1.6 sq. ft.)	1/4" DensDeck Prime over VersiCore Polyiso	6" ribbons of DASH	1-135	-	-	-

FM Approvals
Design "A" Adhered Roofing Systems
Cold Applied Adhered Roofing System

DensDeck Prime - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
VersiFleece AC TPO Membrane
VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Concrete Deck							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-315	-	-	-
Min. 1/2" VersiCore Polyiso	Hot Asphalt	Min. 1/4" DensDeck Prime	Hot Asphalt	1-300	-	-	-
Concrete Deck with VapAir Seal 725 TR and CAV-GRIP 3V / 702-LV / 702 Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-255	-	-	-
Concrete Deck with SureMB 70 SA and CAV-GRIP 3V Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-285	-	-	-
Concrete Deck with SureMB 90TG and 120TG Base Torch Applied/Cut-Back Asphalt Primer							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-330	-	-	-
Gypsum Deck Tear-Off							
Min. 1-1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-90	-	-	-
Cellular Lightweight Insulating Concrete Over Steel Decking							
FM Approved	Loose laid	Min. 1/4" DensDeck Prime	12 (2.67 sq. ft)	1-90	-	-	-
FM Approved	Loose laid	Min. 1/2" DensDeck Prime	10 (3.2 sq. ft)	1-90	-	-	-
FM Approved	Loose laid	Min. 5/8" DensDeck Prime	8 (4 sq. ft)	1-90	-	-	-

FM Approvals
 Design "A" Adhered Roofing Systems
 Cold Applied Adhered Roofing System

DensDeck Prime Ratings - Recover

Membrane Type: VersiFleece AC EPDM Membrane
 VersiFleece AC TPO Membrane
 VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base and Top Layer Adhesive: DASH = Flexible DASH and Flexible DASH Dual Tank

Base Insulation Layer	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Concrete Deck							
Min. 1/2" VersiCore Polyiso	12" ribbons of DASH	Min. 1/4" DensDeck Prime	12" 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 or Modified Bitumen was FM Approved at the time of insulation.

FM Approvals
 Design "A" Adhered Roofing Systems
 Cold Applied Adhered Roofing System

Recovery Board Ratings - New Construction

Membrane Type: VersiFleece AC EPDM Membrane
 VersiFleece AC TPO Membrane
 VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck (Min. 22 Gauge)							
FM Approved	Loose laid	Min. 1/2" Recovery Board	16 (2 sq. ft)	1-90	132147-0-0	132157-0-0	375600-0-0
Concrete Deck							
Min. 1/2" VersiCore Polyiso	Hot Asphalt	Min. 1/2" Recovery Board	Hot Asphalt	1-300	-	-	-
Cellular Lightweight Insulating Concrete Over Steel Decking							
FM Approved	Loose laid	Min. 1/2" Recovery Board	16 (2 sq. ft)	1-90	-	-	-

FM Approvals
 Design "A" Adhered Roofing Systems
 Cold Applied Adhered Roofing System

Recovery Board Ratings - Recover

Membrane Type: VersiFleece AC EPDM Membrane
 VersiFleece AC TPO Membrane
 VersiFleece KEE HP Membrane

Membrane Adhesive: Cold Applied Adhesive

Base Insulation Layer (Max. thickness 36")	Base Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Top Insulation Layer	Top Layer Fastening (mechanically fastened see notes 1, 2 & 3)	Rating	VersiFleece AC EPDM	VersiFleece AC TPO	VersiFleece KEE HP
					RoofNAV Number		
Steel Deck							
Min. 1/2" VersiCore Polyiso	Loose Laid	Min. 1/2" Recovery Board	16 (2 sq. ft.)	1-90	-	-	-

Note: Recover approvals in this document are based on the following existing roofing system assumption - the existing Smooth Asphalt BUR or Modified Bitumen was FM Approved at the time of insulation.

VersiFleece AC EPDM and TPO and VersiFleece KEE HP
Cold Applied Adhered Roofing System

Reference Notes

1. HPV fastener/Insulation plate.
2. InsulTITE fastener/Insulation plate.
3. InsulTITE fastener/SecurFAST Insulation Fastening plate.

Versico Roofing Systems, a division of Carlisle Construction Materials LLC

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