



**VersiFleece AC**  
**EPDM (Mechanically Fastened Only), TPO and PVC**  
**Cold Applied Adhered Roofing System**

**Code Approval Guide**

August, 2019

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FM Approvals  
Design "A" Adhered Roofing Systems  
VersiFleece AC - Cold Applied Adhered Roofing System

**SecurShield HD Ratings - New Construction**

**Membrane Type:** VersiFleece AC TPO (white)  
VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
(DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Steel Deck (Min. 22 Gauge)</b>						
Min. 1-1/2" VersiCore MP-H Polyiso or SecurShield	Loose laid	1/2" SecurShield HD	12 (2.67 sq. ft)	1-75	-	-
Min. 1-1/2" VersiCore MP-H Polyiso or SecurShield	Loose laid	1/2" SecurShield HD	16 (2 sq. ft)	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	10 (3.2 sq. ft.)	1/2" SecurShield HD	6" ribbons of DASH	1-90	-	-
Min. 2" VersiCore MP-H Polyiso	8 (4 sq. ft)	1/2" SecurShield HD	6" ribbons of DASH	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	18 (1.8 sq. ft.)	1/2" SecurShield HD	6" ribbons of DASH	1-105	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	24 (1.33 sq. ft.)	1/2" SecurShield HD	6" ribbons of DASH	1-150	-	-
Min. 1-1/2" VersiCore MP-H 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 MP-H Polyiso	6" ribbons of DASH	1-90	-	-
<b>Steel Deck (Min. 22 Gauge)/VapAir Seal 725TR with Cav-Grip Primer</b>						
Min. 1/2" DensDeck Prime or Securock	16 (2 sq. ft.)	1/2" SecurShield HD over VersiCore MP-H Polyiso	6" ribbons of DASH	1-90	-	-
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	1/2" SecurShield HD	12" ribbons of DASH	1-225	-	-
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	1/2" SecurShield HD	12" ribbons of Olybond 500 BA	1-240	-	-
Min. 1/2" VersiCore MP-H Polyiso	Hot Asphalt	1/2" SecurShield HD	Hot Asphalt	1-240	-	-
<b>Concrete Deck/VapAir Seal 725TR with Cav-Grip Primer, Versico 702 LV Primer or Versico 702 Primer</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	1/2" SecurShield HD	12" ribbons of DASH	1-225 Cav-Grip	-	-
				1-195 702 LV	-	-
				1-90 702	-	-
<b>Concrete Deck/SureMB 90TG or 120TG Base Torch Applied/Cut-Back Asphalt Primer</b>						
Min. 1/2" VersiCore MP-H Polyiso or Min. 1-1/2" SecurShield	12" ribbons of DASH	1/2" SecurShield HD	12" ribbons of DASH	1-240	-	-

FM Approvals  
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**SecurShield HD Ratings - New Construction**

**Membrane Type:** VersiFleece AC TPO (white)  
 VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
 (DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Gypsum Deck Tear-Off</b>						
Min. 1-1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	1/2" SecurShield HD	12" ribbons of Olybond 500 BA	1-90	-	-
<b>Cellular Lightweight Insulating Concrete/Steel Decking (Min. 22 Gauge)</b>						
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	-	-
-	4" ribbons of DASH	1/2" SecurShield HD	4" ribbons of DASH	1-135	-	-
-	-	1/2" SecurShield HD	4" ribbons of DASH	1-135	-	-
<b>(Celcore) Cellular Lightweight Insulating Concrete/Concrete Decking</b>						
Min. 1/2" VersiCore MP-H Polyiso	4" ribbons of DASH	1/2" SecurShield HD	4" ribbons of DASH	1-135	-	-
-	-	1/2" SecurShield HD	4" ribbons of DASH	1-135	-	-

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**SecurShield HD Ratings - Recover**

**Membrane Type:** VersiFleece AC TPO (white)  
 VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
 (DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Steel Deck (Min. 22 Gauge)</b>						
-	-	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	-	-
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H 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	-	-
<b>Gypsum Deck Tear-Off</b>						
-	-	1/2" SecurShield HD	6" ribbons of DASH	1-90	-	-
-	-	1/2" SecurShield HD	12" ribbons of Olybond 500 BA	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.

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VersiFleece AC - Cold Applied Adhered Roofing System

**SecurShield HD Plus Ratings - New Construction**

**Membrane Type:** VersiFleece AC TPO (white)  
VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
(DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Steel Deck (Min. 22 Gauge)</b>						
Min. 1-1/2" VersiCore MP-H Polyiso or SecurShield	Loose laid	1/2" SecurShield HD Plus	8 (4 sq. ft)	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso or SecurShield	Loose laid	1/2" SecurShield HD Plus	18 (1.8 sq. ft)	1-120	-	-
Min. 1-1/2" VersiCore MP-H Polyiso or SecurShield	Loose laid	1/2" SecurShield HD Plus	24 (1.33 sq. ft)	1-150	-	-
Min. 1-1/2" VersiCore MP-H Polyiso or SecurShield	Loose laid	1/2" SecurShield HD Plus	24 (1.33 sq. ft)	1-225	-	-
Min. 1-1/2" VersiCore MP-H Polyiso or SecurShield	10 (3.2 sq. ft.)	1/2" SecurShield HD Plus	6" ribbons of DASH	1-90	-	-
Min. 2" VersiCore MP-H Polyiso	8 (4 sq. ft)	1/2" SecurShield HD Plus	6" ribbons of DASH	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	18 (1.8 sq. ft.)	1/2" SecurShield HD Plus	6" ribbons of DASH	1-105	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	24 (1.33 sq. ft.)	1/2" SecurShield HD Plus	4" ribbons of DASH	1-150	-	-
Min. 1-1/2" VersiCore MP-H 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 MP-H Polyiso	6" ribbons of DASH	1-90	-	-
<b>Steel Deck (Min. 22 Gauge)/VapAir Seal 725TR with Cav-Grip Primer</b>						
Min. 1/2" DensDeck Prime or Securock	16 (2 sq. ft.)	1/2" SecurShield HD Plus over VersiCore MP-H Polyiso	6" ribbons of DASH	1-90	-	-
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	1/2" SecurShield HD Plus	12" ribbons of DASH	1-225	-	-
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	1/2" SecurShield HD Plus	12" ribbons of Olybond 500 BA	1-240	-	-
Min. 1/2" VersiCore MP-H Polyiso	Hot Asphalt	1/2" SecurShield HD Plus	Hot Asphalt	1-240	-	-
<b>Concrete Deck/VapAir Seal 725TR with Cav-Grip Primer, Versico 702 LV Primer or Versico 702 Primer</b>						
Min. 1/2" VersiCore MP-H Polyiso or Min. 1-1/2" SecurShield	12" ribbons of DASH	1/2" SecurShield HD Plus	12" ribbons of DASH	1-255 Cav-Grip	-	-
				1-195 702 LV	-	-
				1-90 702	-	-
<b>Concrete Deck/SureMB 90TG or 120TG Base Torch Applied/Cut-Back Asphalt Primer</b>						

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VersiFleece AC - Cold Applied Adhered Roofing System

**SecurShield HD Plus Ratings - New Construction**

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VersiFleece FRS KEE HP (white)

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(DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
Min. 1/2" VersiCore MP-H Polyiso or Min. 1-1/2" SecurShield	12" ribbons of DASH	1/2" SecurShield HD Plus	12" ribbons of DASH	1-240	-	-
<b>Gypsum Deck Tear-Off</b>						
Min. 1-1/2" VersiCore MP-H Polyiso	Full-Coverage DASH	1/2" SecurShield HD Plus	Full-Coverage DASH	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	1/2" SecurShield HD Plus	12" ribbons of Olybond 500 BA	1-90	-	-
<b>(Celcore) Cellular Lightweight Insulating Concrete/Steel Decking (Min. 22 Gauge)</b>						
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	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	4" ribbons of DASH	1/2" SecurShield HD Plus	4" ribbons of DASH	1-135	-	-
-	-	1/2" SecurShield HD Plus	4" ribbons of DASH	1-135	-	-
<b>(Celcore) Cellular Lightweight Insulating Concrete/Concrete Decking</b>						
Min. 1/2" VersiCore MP-H Polyiso	4" ribbons of DASH	1/2" SecurShield HD Plus	4" ribbons of DASH	1-135	-	-
-	-	1/2" SecurShield HD Plus	4" ribbons of DASH	1-135	-	-

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**SecurShield HD Plus Ratings - Recover**

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 (DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Steel Deck (Min. 22 Gauge)</b>						
-	-	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	-	-
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H 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	-	-
<b>Gypsum Deck Tear-Off</b>						
Min. 1-1/2" VersiCore MP-H Polyiso	Full-Coverage DASH	1/2" SecurShield HD Plus	Full-Coverage DASH	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	1/2" SecurShield HD Plus	12" ribbons of Olybond 500 BA	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.

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VersiFleece AC - Cold Applied Adhered Roofing System

**VersiCore MP-H Polyiso Ratings - New Construction**

**Membrane Type:** VersiFleece AC TPO (white)  
VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
(DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Steel Deck (Min. 22 Gauge)</b>						
Min. 1-1/2" VersiCore MP-H Polyiso	16 (2 sq. ft.)	-	-	1-90	188381-0-0	-
Min. 2" VersiCore MP-H Polyiso	8 (4 sq. ft.)	-	-	1-90	188408-0-0	-
Min. 2" VersiCore MP-H Polyiso	20 (1.6 sq. ft.)	-	-	1-150	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	10 (3.2 sq. ft.)	1-1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	1-90	-	-
Min. 2" VersiCore MP-H Polyiso	8 (4 sq. ft.)	Min. 2" VersiCore MP-H Polyiso	12" ribbons of DASH	1-90	188401-0-0	-
Min. 1-1/2" VersiCore MP-H Polyiso	18 (1.8 sq. ft.)	1-1/2" VersiCore MP-H Polyiso	6" ribbons of DASH	1-105	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	24 (1.33 sq. ft.)	1-1/2" VersiCore MP-H Polyiso	4" ribbons of DASH	1-165	-	-
Min. 1/2" Dens-Deck Prime or Securock	16 (2 sq. ft.)	1-1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	1-90	181160-0-0	-
<b>Steel Deck with VapAir Seal 725 TR and Cav-Grip Primer</b>						
Min. 1/2" Dens-Deck Prime or Securock	16 (2 sq. ft.)	1-1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	1-105	-	-
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	-	-	1-315	279652-0-0	-
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	-	-	1-315	279652-0-0	-
Min. 1/2" VersiCore MP-H Polyiso	Hot Asphalt	-	-	1-315	279652-0-0	-
<b>Concrete Deck with VapAir Seal 725 TR and Cav-Grip / 702-LV / 702 Primer</b>						
Min. 1-1/2" VersiCore MP-H Polyiso	Full-Coverage DASH	-	-	1-255 Cav-Grip	-	-
				1-195 702-LV	274145-0-0	-
				1-90 702	274152-0-0	-
<b>Concrete Deck with SureMB 90TG and 120TG Base Torch Applied/Cut-Back Asphalt Primer</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	VersiCore MP-H Polyiso	12" ribbons of DASH	1-330	-	-
1-1/2" VersiCore MP-H Polyiso	Full-Coverage DASH	-	-	1-195	392319-0-0	-



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**VersiCore MP-H Polyiso Ratings - New Construction**

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**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
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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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Gypsum Deck Tear-Off</b>						
Min. 1-1/2" VersiCore MP-H Polyiso	16 (2 sq. ft)	-	-	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	Full-Coverage DASH	-	-	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	-	-	1-90	-	-
<b>(Celcore) Cellular Lightweight Insulating Concrete/Steel Decking (Min. 22 Gauge)</b>						
1-1/2" VersiCore MP-H Polyiso	16 (2 sq. ft)	-	-	1-90	-	-
2" VersiCore MP-H Polyiso	8 (4 sq. ft)	-	-	1-90	-	-
2" VersiCore MP-H Polyiso	20 (1.6 sq. ft)	-	-	1-150	-	-
1" VersiCore MP-H Polyiso	4" ribbons of DASH	-	-	1-135	-	-
<b>Cellular Lightweight Insulating Concrete Over Concrete Decking</b>						
Min. 1/2" VersiCore MP-H Polyiso	4" ribbons of DASH	-	-	1-135	-	-

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					RoofNAV number	
<b>Steel Deck (Min. 22 Gauge)</b>						
1" VersiCore MP-H Polyiso	20 (1.6 sq. ft)	-	-	1-90	-	-
1" VersiCore MP-H Polyiso	6" ribbons of DASH	-	-	1-90	-	-
1" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	-	-	1-90	-	-
<b>Concrete Deck</b>						
1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	-	-	1-90	-	-
<b>Gypsum Deck Tear</b>						
1" VersiCore MP-H Polyiso	20 (1.6 sq. ft)	-	-	1-90	-	-
1" VersiCore MP-H Polyiso	Full-Coverage DASH	-	-	1-90	-	-
1" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	-	-	1-90	-	-

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**SecurShield and SecurShield HD Composite Ratings - New Construction**

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VersiFleece FRS KEE HP (white)

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**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
(DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Steel Deck (Min. 22 Gauge)</b>						
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 MP-H Polyiso	10 (3.2 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	1-90	-	-
Min. 2" VersiCore MP-H 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 MP-H 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 MP-H 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	-	-
<b>Steel Deck (Min. 22 Gauge)/VapAir Seal 725TR with Cav-Grip Primer</b>						
Min. 1/2" DensDeck Prime or 5/8" of Securock	16 (2 sq. ft.)	Min. 1-1/2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	1-105	-	-
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H 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	12" ribbons of Olybond 500 BA	-	-	1-240	-	-
Min. 2" SecurShield or SecurShield HD Composite	Hot Asphalt	-	-	1-300	-	-
<b>Concrete Deck/VapAir Seal 725TR with Cav-Grip Primer, Versico 702 LV Primer or Versico 702 Primer</b>						
Min. 1/2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	-	-	1-255 Cav-Grip	-	-
				1-195 702 LV	-	-
				1-90 702	-	-

FM Approvals  
Design "A" Adhered Roofing Systems  
VersiFleece AC - Cold Applied Adhered Roofing System

**SecurShield and SecurShield HD Composite Ratings - New Construction**

**Membrane Type:** VersiFleece AC TPO (white)  
VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
(DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Concrete Deck/SureMB 90TG or 120TG Base Torch Applied/Cut-Back Asphalt Primer</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	Min. 2" SecurShield or SecurShield HD Composite	12" ribbons of DASH	1-330	-	-
<b>Gypsum Deck Tear-Off</b>						
Min. 1-1/2" SecurShield or SecurShield HD Composite	16 (2 sq. ft)	-	-	1-90	-	-
Min. 1-1/2" SecurShield or SecurShield HD Composite	Full-Coverage DASH	-	-	1-90	-	-
Min. 1-1/2" SecurShield or SecurShield HD Composite	12" ribbons of Olybond 500 BA	-	-	1-90	-	-
<b>Cellular Lightweight Insulating Concrete/Steel Decking (Min. 22 Gauge)</b>						
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	-	-
Min. 1-1/2" SecurShield or SecurShield HD Composite	4" ribbons of DASH	-	-	1-135	-	-
<b>(Celcore) Cellular Lightweight Insulating Concrete/Concrete Decking</b>						
Min. 1/2" SecurShield or SecurShield HD Composite	4" ribbons of DASH	-	-	1-135	-	-

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 Design "A" Adhered Roofing Systems  
 VersiFleece AC - Cold Applied Adhered Roofing System

**SecurShield Ratings - Recover**

**Membrane Type:** VersiFleece AC TPO (white)  
 VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
 (DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Steel Deck (Min. 22 Gauge)</b>						
1" SecurShield	20 (1.6 sq. ft)	-	-	1-90	-	-
<b>Concrete Deck</b>						
1/2" SecurShield	12" ribbons of DASH or Dual Tank	-	-	1-90	-	-
<b>Gypsum Deck Tear-Off</b>						
1" SecurShield	20 (1.6 sq. ft)	-	-	1-90	-	-
1" SecurShield	Full-Coverage DASH	-	-	1-90	-	-
1" SecurShield	12" ribbons of Olybond 500 BA	-	-	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.

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FM Approvals  
Design "A" Adhered Roofing Systems  
VersiFleece AC - Cold Applied Adhered Roofing System

**Securock Ratings - New Construction**

**Membrane Type:** VersiFleece AC TPO (white)  
VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
(DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Steel Deck (Min. 22 Gauge)</b>						
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 MP-H Polyiso	Loose laid	Min. 1/4" Securock	10 (3.2 sq. ft) SecurFAST Plate	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	Loose laid	Min. 5/8" Securock	8 (4 sq. ft) SureFAST Plate	1-90	-	-
FM Approved	Loose laid	Min. 5/8" Securock	8 (4 sq. ft)	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	Loose laid	Min. 1/2" Securock	8 (4 sq. ft) SecurFAST Plate	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	Loose laid	Min. 1/2" Securock	6 (5.33 sq. ft) SecurFAST Plate	1-75	-	-
Min. 1-1/2" VersiCore MP-H 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 MP-H Polyiso	10 (3.2 sq. ft.)	Min. 1/4" Securock	6" ribbons of DASH	1-90	-	-
Min. 2" VersiCore MP-H Polyiso	8 (4 sq. ft)	Min. 1/4" Securock	12" ribbons of DASH	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	18 (1.8 sq. ft.)	Min. 1/4" Securock	6" ribbons of DASH	1-105	-	-
Min. 1-1/2" VersiCore MP-H 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 MP-H Polyiso	12" ribbons of DASH	1-90	-	-
<b>Steel Deck (Min. 22-Gauge) with VapAir Seal 725TR and Cav-Grip Primer</b>						
Min. 1/2" DensDeck Prime or 5/8" Securock	16 (2 sq. ft.)	Min. 1/4" Securock over Min. 1-1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	1-90	-	-
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	Min. 1/4" Securock	12" ribbons of DASH	1-315	-	-
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	Min. 1/4" Securock	12" ribbons of Olybond 500 BA	1-240	-	-
Min. 1/2" VersiCore MP-H Polyiso	Hot Asphalt	Min. 1/4" Securock	Hot Asphalt	1-300	-	-
<b>Concrete Deck with VapAir Seal 725TR and Cav-Grip, 702-LV or 702 Primer</b>						
Min. 1-1/2" VersiCore MP-H Polyiso	Full-Coverage DASH	Min. 1/4" Securock	12" ribbons of DASH	1-255 Cav-Grip	-	-
				1-195 702-LV	-	-
				1-90 702	-	-

FM Approvals  
Design "A" Adhered Roofing Systems  
VersiFleece AC - Cold Applied Adhered Roofing System

**Securock Ratings - New Construction**

**Membrane Type:** VersiFleece AC TPO (white)  
VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
(DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Concrete Deck with SureMB 90TG and 120TG Base Torch Applied/Cut-Back Asphalt Primer</b>						
Min. 1-1/2" VersiCore MP-H Polyiso	Full-Coverage DASH	Min. 1/4" Securock	12" ribbons of DASH	1-255	-	-
<b>Gypsum Deck Tear-Off</b>						
Min. 1-1/2" VersiCore MP-H Polyiso	Full-Coverage DASH	Min. 1/4" Securock	Full-Coverage DASH	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	Min. 1/4" Securock	12" ribbons of Olybond 500 BA	1-90	-	-
<b>(Celcore) Cellular Lightweight Insulating Concrete Over Steel Decking (Min. 22 Gauge)</b>						
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	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	4" ribbons of DASH	Min. 1/2" Securock	4" ribbons of DASH	1-135	-	-
<b>(Celcore) Cellular Lightweight Insulating Concrete Over Concrete Decking</b>						
Min. 1" VersiCore MP-H Polyiso	4" ribbons of DASH	Min. 1/4" Securock	4" ribbons of DASH	1-135	-	-

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FM Approvals  
 Design "A" Adhered Roofing Systems  
 VersiFleece AC - Cold Applied Adhered Roofing System

**Securock Ratings - Recover**

**Membrane Type:** VersiFleece AC TPO (white)  
 VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
 (DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H 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.

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FM Approvals  
Design "A" Adhered Roofing Systems  
VersiFleece AC - Cold Applied Adhered Roofing System

**DensDeck Prime - New Construction**

**Membrane Type:** VersiFleece AC TPO (white)  
VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
(DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Steel Deck (Min. 22 Gauge)</b>						
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 MP-H Polyiso	Loose laid	Min. 1/2" DensDeck Prime	8 (4 sq.ft)	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	Loose laid	Min. 1/4" DensDeck Prime	18 (1.8 sq. ft)	1-105	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	Loose laid	Min. 1/2" DensDeck Prime	18 (1.8 sq. ft)	1-135	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	Loose laid	Min. 1/2" DensDeck Prime	20 (1.6 sq. ft)	1-150	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	Loose laid	Min. 1/2" DensDeck Prime	32 (1 sq. ft)	1-165	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	Loose laid	Min. 1/2" DensDeck Prime	32 (1 sq. ft)	1-180	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	Loose laid	Min. 1/2" DensDeck Prime	32 (1 sq. ft)	1-255	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	10 (3.2 sq. ft.)	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-90	-	-
Min. 2" VersiCore MP-H Polyiso	8 (4 sq. ft)	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	18 (1.8 sq. ft.)	Min. 1/4" DensDeck Prime	6" ribbons of DASH	1-105	-	-
Min. 1-1/2" VersiCore MP-H 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 MP-H Polyiso	12" ribbons of DASH	1-90	-	-
<b>Steel Deck with VapAir Seal 725 TR and Cav-Grip Primer</b>						
Min. 1/2" DensDeck Prime or Securock	16 (2 sq. ft.)	1/4" DensDeck Prime over VersiCore MP-H Polyiso	6" ribbons of DASH	1-90	-	-
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-315	-	-
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	Min. 1/4" DensDeck Prime	12" ribbons of Olybond 500 BA	1-300	-	-
Min. 1/2" VersiCore MP-H Polyiso	Hot Asphalt	Min. 1/4" DensDeck Prime	Hot Asphalt	1-300	-	-
<b>Concrete Deck with VapAir Seal 725 TR and Cav-Grip / 702-LV / 702 Primer</b>						
				1-255 Cav-Grip	-	-

FM Approvals  
Design "A" Adhered Roofing Systems  
VersiFleece AC - Cold Applied Adhered Roofing System

**DensDeck Prime - New Construction**

**Membrane Type:** VersiFleece AC TPO (white)  
VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
(DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-195 702-LV	-	-
				1-90 702	-	-
<b>Concrete Deck with SureMB 90TG and 120TG Base Torch Applied/Cut-Back Asphalt Primer</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	Min. 1/4" DensDeck Prime	12" ribbons of DASH	1-330	-	-
<b>Gypsum Deck Tear-Off</b>						
Min. 1-1/2" VersiCore MP-H Polyiso	Full-Coverage DASH	Min. 1/4" DensDeck Prime	Full-Coverage DASH	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	Min. 1/4" DensDeck Prime	12" ribbons of Olybond 500 BA	1-90	-	-
<b>Cellular Lightweight Insulating Concrete Over Steel Decking</b>						
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 MP-H Polyiso	4" ribbons of DASH	Min. 1/2" DensDeck Prime	4" ribbons of DASH	1-135	-	-
<b>Cellular Lightweight Insulating Concrete Over Concrete Decking</b>						
Min. 1/2" VersiCore MP-H Polyiso	4" ribbons of DASH	Min. 1/4" DensDeck Prime	4" ribbons of DASH	1-135	-	-

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FM Approvals  
 Design "A" Adhered Roofing Systems  
 VersiFleece AC - Cold Applied Adhered Roofing System

**DensDeck Prime Ratings - Recover**

**Membrane Type:** VersiFleece AC TPO (white)  
 VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
 (DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H 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.

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FM Approvals  
Design "A" Adhered Roofing Systems  
VersiFleece AC - Cold Applied Adhered Roofing System

**HP Recovery Board Ratings - New Construction**

**Membrane Type:** VersiFleece AC TPO (white)  
VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
(DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Steel Deck (Min. 22 Gauge)</b>						
FM Approved	Loose laid	Min. 1/2" HP Recovery Board	16 (2 sq. ft)	1-90	132157-0-0	375600-0-0
Min. 1-1/2" VersiCore MP-H Polyiso	10 (3.2 sq. ft.)	Min. 1/2" HP Recovery Board	6" ribbons of DASH	1-90	-	-
Min. 2" VersiCore MP-H Polyiso	8 (4 sq. ft)	Min. 1/2" HP Recovery Board	12" ribbons of DASH	1-90	188437-0-0	375607-0-0
Min. 1/2" DensDeck Prime	16 (2 sq. ft.)	Min. 1/2" HP Recovery Board over Min 1-1/2" VersiCore MP-H Polyiso	6" ribbons of DASH	1-90	-	375603-0-0
<b>Steel Deck with VapAir Seal 725 TR and Cav-Grip Primer</b>						
Min. 1/2" DensDeck Prime or Securock	16 (2 sq. ft.)	Min. 1/2" HP Recovery Board over VersiCore MP-H Polyiso	6" ribbons of DASH	1-90	-	-
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	Min. 1/2" HP Recovery Board	12" ribbons of DASH	1-315	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	Min. 1/2" HP Recovery Board	12" ribbons of Olybond 500 BA	1-240	-	375611-0-0
Min. 1/2" VersiCore MP-H Polyiso	Hot Asphalt	Min. 1/2" HP Recovery Board	Hot Asphalt	1-300	-	-
<b>Concrete Deck with VapAir Seal 725 TR and Cav-Grip / 702-LV / 702 Primer</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	Min. 1/2" HP Recovery Board	12" ribbons of DASH	1-255 Cav-Grip	-	-
				1-195 702-LV	-	-
				1-90 702	-	-
<b>Concrete Deck with SureMB 90TG and 120TG Base Torch Applied/Cut-Back Asphalt Primer</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	Min. 1/2" HP Recovery Board	12" ribbons of DASH	1-330	-	-
<b>Gypsum Deck Tear-Off</b>						
Min. 1-1/2" VersiCore MP-H Polyiso	Full-Coverage DASH	Min. 1/2" HP Recovery Board	Full-Coverage DASH	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	12" ribbons of Olybond 500 BA	Min. 1/2" HP Recovery Board	12" ribbons of Olybond 500 BA	1-90	-	-

FM Approvals  
 Design "A" Adhered Roofing Systems  
 VersiFleece AC - Cold Applied Adhered Roofing System

**HP Recovery Board Ratings - New Construction**

**Membrane Type:** VersiFleece AC TPO (white)  
 VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
 (DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Cellular Lightweight Insulating Concrete Over Steel Decking</b>						
FM Approved	Loose laid	Min. 1/2" HP Recovery Board	16 (2 sq. ft)	1-90	-	-
Min. 1-1/2" VersiCore MP-H Polyiso	4" ribbons of DASH	Min. 1/2" HP Recovery Board	4" ribbons of DASH	1-90	-	-
<b>Cellular Lightweight Insulating Concrete Over Concrete Decking</b>						
Min. 1/2" VersiCore MP-H Polyiso	4" ribbons of DASH	Min. 1/2" HP Recovery Board	4" ribbons of DASH	1-135	-	-

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FM Approvals  
 Design "A" Adhered Roofing Systems  
 VersiFleece AC - Cold Applied Adhered Roofing System

**HP Recovery Board Ratings - Recover**

**Membrane Type:** VersiFleece AC TPO (white)  
 VersiFleece FRS KEE HP (white)

**Membrane Adhesive:** Cold Applied

**Base and Top Layer Adhesive:** DASH = DASH 100LV, Flexible DASH, DASH Bag in a Box, DASH Dual Cartridge and DASH Dual Tank  
 (DASH Dual Tank can only be used on Steel and Concrete Decking)

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 TPO	VersiFleece KEE HP
					RoofNAV number	
<b>Concrete Deck</b>						
Min. 1/2" VersiCore MP-H Polyiso	12" ribbons of DASH	Min. 1/2" HP Recovery Board	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.

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VersiFleece AC TPO/VersiFleece KEE HP  
VersiFleece AC - Cold Applied Ahered Roofing System

**Reference Notes**

1. Versico Lightweight fastener/Versico Insulation plate.
2. Insultite fastener/Versico Lightweight Insulation plate.
3. Insultite fastener/SecurFAST Insulation plate.



Click on one of the following to return to chart: [SecurShield HD](#),  
[SecurShield HD Plus](#), [VersiCore MP-H Polyiso](#), [SecurShield](#), [Securock](#),  
[DensDeck Prime](#) or [Recovery Board](#)

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1.800.992.7663

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