



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

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Issued February 12, 2026

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Manufacturing Plant: Verona, Italy

Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Roofing
Subcategory: Modified Bitumen Roof System
Code Edition: Florida Building Code, 8th Edition (2023) including High-Velocity Hurricane Zones (HVHZ)
Code Sections: 1504.3.1, 1504.6, 1507.10.2, 1507.11, 1515.1.1, 1515.1.4, 1523.1.1, 1523.6.2
Properties: Wind Resistance, Physical Properties

PRODUCT DESCRIPTION

<u>Product</u>	<u>Specification</u>	<u>Description</u>
NORDFLEX M, PRIMO TORCH SBS GRAN	ASTM D 6164	Torch applied, polyester reinforced SBS modified bitumen cap ply with granule top surfacing
NORDFLEX S, PRIMO TORCH SBS SAND	ASTM D 6164	Torch applied, polyester reinforced SBS modified bitumen base ply with sanded top surfacing
NORDPOLY 4B, PRIMO TORCH APP SMOOTH	ASTM D 6222	Torch applied, polyester reinforced APP modified bitumen base ply with sanded top surfacing
NORDPOLY 4M, PRIMO TORCH SBS GRANULE	ASTM D 6222	Torch applied, polyester reinforced APP modified bitumen cap ply with granule top surfacing
NORD SELF BASE, PRIMO TORCH BASE	ASTM D 6164	Torch applied, polyester reinforced SBS modified bitumen base ply with burn-off film on top and bottom surfaces
NORDSHIELD MA BASE, PRIMO MA BASE	ASTM D 4601	Glass-fiber reinforced, SBS modified, mechanically fastened base sheet for use with self-adhered base and cap plies
NORDSHIELD SA BASE FR, PRIMO SA BASE FR	ASTM D 4601	Self-adhered, glass-fiber reinforced, SBS modified, fire resistant base ply with polypropylene film top surfacing
NORDSHIELD SA BASE, PRIMO SA BASE SMOOTH	ASTM D 4601	Self-adhered, glass-fiber reinforced, SBS modified, base ply with polypropylene film top surfacing
NORDSHIELD SA MINERAL CAP FR, PRIMO SA MINERAL CAP FR	ASTM D 6164	Self-adhered, polyester reinforced, SBS modified, fire resistant cap ply with granule top surfacing
NORDSHIELD SA MINERAL CAP, PRIMO SA CAP	ASTM D 6164	Self-adhered, polyester reinforced, SBS modified, cap ply with granule top surfacing



REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
Atlantic & Caribbean Roofing Consulting (TST4671)	ACRC 10-013	TAS 114	2011
Atlantic & Caribbean Roofing Consulting (TST4671)	ACRC 10-014	TAS 114	2011
Atlantic & Caribbean Roofing Consulting (TST4671)	ACRC 10-020	TAS 114	2011
Atlantic & Caribbean Roofing Consulting (TST4671)	ACRC 10-021	TAS 114	2011
PRI Construction Materials Technologies (TST5878)	MTCO-002-02-01	ASTM D 6164	2016
		TAS 110	2000
		ASTM G 155	2013
PRI Construction Materials Technologies (TST5878)	MTCO-003-02-01	ASTM D 4601	2004(2012)e1
PRI Construction Materials Technologies (TST5878)	MTCO-004-02-01	FM 4474	2011
PRI Construction Materials Technologies (TST5878)	MTCO-008-02-01	FM 4474	2011
		TAS 114	2011
PRI Construction Materials Technologies (TST5878)	MTCO-009-02-01	FM 4474	2011
		TAS 114	2011
PRI Construction Materials Technologies (TST5878)	MTCO-010-02-01	FM 4474	2011
		TAS 114	2011
PRI Construction Materials Technologies (TST5878)	MTCO-011-02-01	FM 4474	2011
		TAS 114	2011
PRI Construction Materials Technologies (TST5878)	MTCO-018-02-01	ASTM D 4601	2004(2012)e1
PRI Construction Materials Technologies (TST5878)	MTCO-019-02-01	ASTM D 4601	2004(2012)e1
PRI Construction Materials Technologies (TST5878)	MTCO-021-02-01	ASTM D 6164	2016
		TAS 110	2000
		ASTM D 5147	2013
PRI Construction Materials Technologies (TST5878)	NBX-001-02-01	ASTM D 6222	2016
		TAS 110	2000
		ASTM G 155	2013
PRI Construction Materials Technologies (TST5878)	NBX-002-02-01	ASTM D 6222	2016
		TAS 110	2000
		ASTM G 155	2013
PRI Construction Materials Technologies (TST5878)	NBX-003-02-01	ASTM D 6164	2016
		TAS 110	2000
		ASTM G 155	2013
PRI Construction Materials Technologies (TST5878)	NBX-004-02-01	ASTM D 6164	2016
		TAS 110	2000
		ASTM G 155	2013
PRI Construction Materials Technologies (TST5878)	NBX-005-02-01	ASTM D 6164	2016
		TAS 110	2000
		ASTM G 155	2013
PRI Construction Materials Technologies (TST5878)	NBX-006-02-01	ASTM D 903	1998(2010)
		ASTM D 1876	2008
PRI Construction Materials Technologies (TST5878)	1668T0001	FM 4474(D)	2011
		TAS 114(J)	2011
		UL 1897	2015
PRI Construction Materials Technologies (TST5878)	1668T0002	FM 4474(B)	2011
		TAS 114(D)	2011
PRI Construction Materials Technologies (TST5878)	1668T0003	FM 4474	2011
		TAS 114(B&D)	2011
		ASTM D 903	1998(2010)
		ASTM D 1876	2008



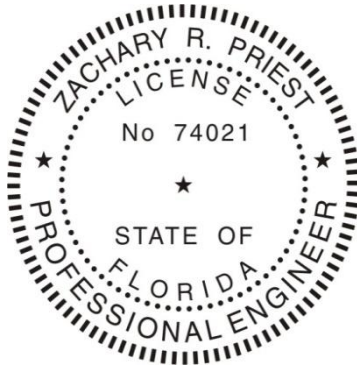
LIMITATIONS

1. Fire classification is not within the scope of this evaluation.
2. The roof deck and the roof deck attachment information are provided based on testing. FBC requirements for the rational design of the roof deck, including the attachment, are not within the scope of this evaluation.
3. Foam plastic insulation shall be installed in accordance with the FBC Section 2603.4 and 2603.6.
4. In the HVHZ, fastener spacing for insulation attachment is determined using a Minimum Characteristic Force (F') of 275 lbf as demonstrated via testing to TAS 105. If the field tested fastener value is below 275 lbf, then insulation attachment shall not be acceptable.
5. In the HVHZ, fastener spacing for base sheets or membrane attachment shall meet the minimum fastener resistance value and the MDP for the specified assembly. It is permissible for a qualified professional to submit a revised fastener spacing utilizing the withdrawal resistance value obtained from TAS 105 testing and calculations performed in accordance with RAS 117 and/or RAS 137, when the fastener resistance is found less than required.
6. In the HVHZ, if mechanical attachment through the lightweight insulating concrete to the structural deck is proposed, a field fastener withdrawal test shall be conducted in compliance with TAS 105 to determine equivalent or increased attachment densities. Revised fastener densities shall be submitted utilizing the withdrawal resistance value obtained from TAS 105 testing and calculations performed in accordance with RAS 117 and/or RAS 137.
7. HVHZ: For assemblies containing mechanical attachment, the allowable uplift pressure for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16. The attachment density may be increased by a qualified design professional, as necessary, to meet the design pressure requirements in the periphery zones. Calculations shall be conducted in compliance with RAS 117 and/or RAS 137.
Non-HVHZ: For assemblies containing mechanical attachment or adhered in ribbon-applied adhesive, the allowable uplift pressure for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16. The attachment density may be increased by a qualified design professional, as necessary, to meet the design pressure requirements in the periphery zones. Calculations shall be conducted in compliance with RAS 117, RAS 137, or Section 2.2.10.1 FM LPDS 1-29 (February 2020).
8. Reroofing applications shall be examined in accordance with FBC Section 1511 outside of the HVHZ and FBC Section 1521 within the HVHZ. For mechanically fastened systems, a field withdrawal resistance test (TAS 105 in the HVHZ; ANSI/SPRI FX-1 or TAS 105 in the non-HVHZ) shall be conducted by a qualified professional to ensure the fastener meets the minimum design load requirements of the system. For adhered systems, a field uplift resistance test (TAS 124 in the HVHZ; ASTM E 907, FM LPDS 1-52, ANSI/SPRI IA-1, or TAS 124 in the non-HVHZ) shall be conducted to confirm conformance of the existing to the minimum design loads.
9. HVHZ: For assemblies containing fully adhered or ribbon adhered attachment, or where extrapolation of the assembly is not permitted, the MDP for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16 without augmentation.
Non-HVHZ: For assemblies adhered in ribbon-applied adhesive, the allowable uplift pressure for the selected assembly shall meet or exceed the minimum design loads as determined in accordance with the FBC Chapter 16. The attachment density may be increased by a qualified design professional, as necessary, to meet the design pressure requirements in the periphery zones. Calculations shall be conducted in compliance with Section 2.2.10.1 FM LPDS 1-29 (July 2022).
10. Installation of the evaluated products shall comply with this report, the FBC, and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
11. The minimum roof slope shall be 1/4:12 for new construction.
12. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.



COMPLIANCE STATEMENT

This report has been prepared in accordance with F.A.C. Rule 61G20-3.



This item has been
digitally signed and
sealed by Zachary R.
Priest, PE, on 2/12/2026.

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CREEK Technical Services, LLC

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Organization No. ANE9641

CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

APPENDICES

- 1) APPENDIX A – Installation (2 pages)
- 2) APPENDIX B – Nomenclature and Approved Assemblies (4 pages)



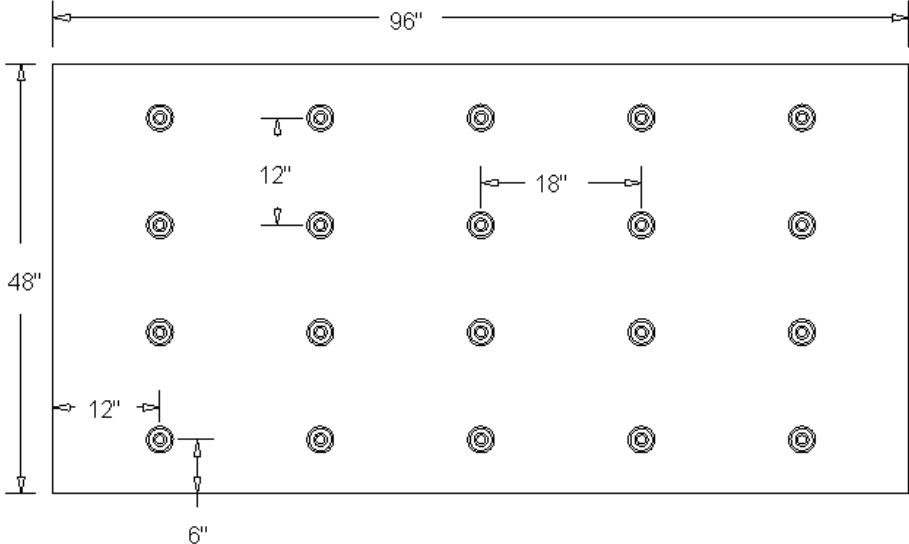
INSTALLATION

Note - Refer to the [APPROVED ASSEMBLIES](#) section of this report for specific installation details of a selected roof system.

Unless otherwise specified in this report the following installation details shall be met for the named products:

Component	Product	Installation Detail
Fasteners & Plates	OMG 1.7" CR Base Sheet Fasteners	Full embedment of shank
	OMG 3" Round Metal Plate	3-inch round galvalume plate
	OMG Heavy Duty Fasteners	#14 fastener; Min. 3/4-inch penetration through the top rib of the steel deck or wood deck; Min. 1-inch penetration into concrete deck (pilot hole required)
	OMG #12 Standard Roofgrip Fasteners	#12 fastener; Min. 3/4-inch penetration through the top rib of the steel deck or wood deck
Insulation	USG SECUROCK Gypsum-Fiber Roof Board	Min. 0.25-inch thick gypsum roof board with fiber reinforcement
	Atlas ACFoam-II	Min. 1-inch thick
	Hunter H-Shield	
	Carlisle HP-H Polyiso	Min. 1.5-inch thick
	Elevate ISO 95+ GL	
Insulation Adhesives	OMG OlyBond 500	Min. 0.5 to 0.75-inch wide beads
Base/Ply Sheets	ASTM D 226, Type II Organic Felt	Min. 4-inch side laps
	NORDSHIELD MA BASE, PRIMO MA BASE	
	GAF Liberty SBS Base Sheet	Min. 3.5-inch side laps
	GAF StormSafe Anchor Sheet	
	NORD SELF BASE, PRIMO TORCH BASE	Loose-laid; Torch application of cap sheet with heat weld sheet simultaneously to substrate
	NORDFLEX S, PRIMO TORCH SBS SAND	Min, 4-inch side laps; Fully bonded by torch adhering
	NORDPOLY 4B, PRIMO TORCH APP SMOOTH	
	NORDSHIELD SA BASE FR, PRIMO SA BASE FR	Min. 4-inch side laps; Fully bonded by self-adhering.
	NORDSHIELD SA BASE, PRIMO SA BASE SMOOTH	
Cap Sheets	NORDFLEX M, PRIMO TORCH SBS GRAN	Min, 4-inch side laps; Fully bonded by torch adhering
	NORDPOLY 4M, PRIMO TORCH APP GRANULE	
	NORDSHIELD SA MINERAL CAP FR, PRIMO SA MINERAL CAP FR	Min. 4-inch side laps; Fully bonded by self-adhering.
	NORDSHIELD SA MINERAL CAP, PRIMO SA CAP	
Cellular Lightweight Concrete	Min. 544 psi Elastizell Foam Agent with Zell-Crete Fibers	Slurry coat min. 1/8-inch thick; Min. 1-inch thick EPS board (1 lbs/ft ³); Min. 2-inch top coat;



Insulation/Cover Board Fastening Patterns	
Description	Fastening Pattern
20 per 4 ft x 8 ft board	 (Max. 1.6ft² contributory area per fastener)

NOMENCLATURE

The following naming conventions are utilized to specify products in the [APPROVED ASSEMBLIES](#) section of this report. Refer to the nomenclature below when deciphering the allowable products for use in the selected roof system. Installation requirements shall be as noted in the [APPROVED ASSEMBLIES](#) and [INSTALLATION](#) section of this report.

Name	Definition
<i>Approved</i>	Approved under rule 61G20-3.
<i>As Tested</i>	Information provided to the report user based on the as tested condition of the roof system
<i>Deck Detail</i>	<i>Concrete Deck</i> Min. $f'_c = 2,500$ psi at 28 days
	<i>Steel Deck</i> Min. 22 ga ($F_y = \text{min.} 33$ ksi) Wide Rib Deck (Type WR) conforming to ANSI/SDI-RD1.0 & FBC; 0.5% Vented for LWIC applications only. The following nomenclature is used to further describe the <i>As Tested</i> condition:
	<i>F</i> <#> Number <#> #12-24 HWH self-drilling screws or equivalent fastener at each flute used to secure the deck to the structural supports; Min. 1/4-inch penetration
	<i>G</i> <#> Min. Grade <#> of <i>Steel Deck</i>
	<i>L</i> <#> Max. span of <#> ft
	<i>P</i> Min. 5/8-inch diameter puddle welds at each flute used to secure the deck to the structural supports
	<i>S</i> <#> 1/4 "-14 HWH x7/8" self-drilling screws or equivalent fastener secured <#>-inch o.c. along the panel side laps
	<i>Wood Deck</i> Solid or closely fitted min. 19/32-inch, 40/20 span rated, CDX plywood at max. 24 in. span for new construction. Min. 15/32-inch, 32/16 span rated, CDX plywood sheathing for existing construction at max. 24 in. span. The following nomenclature is used to further describe the <i>As Tested</i> condition:
	<i>T</i> <#> Min. <#>-inch thickness
	<i>L</i> <#> Max. span of <#> inches
	<i>0.113-<#1>/<#2></i> 0.113-inch x 2-3/8-inch ring shank nails; Secured <#1> of fasteners at all intermediate supports and at the number <#2> of fasteners at the perimeter of each board
<i>MDP</i>	Maximum Design Pressure
<i>Recover</i>	Where assemblies are used to recover an existing roof, the existing roof shall consist of only one layer of roofing, i.e. recovering a previously recovered roof is not permitted. Recover roofing shall be conducted in compliance with FBC Section 1511 outside of the HVHZ and FBC Section 1521 within the HVHZ. For mechanically fastened roof assemblies, the existing roof insulation thickness may be contributory in meeting the minimum insulation thickness requirements for a given assembly.
<i>SECUROCK</i>	Min. 1/4-inch USG SECUROCK Gypsum-Fiber Roof Board

APPROVED ASSEMBLIES

1. MDPs were calculated using a 2:1 margin of safety per FBC Section 1504.9 and 1523.4.
2. Refer to [LIMITATIONS](#) and [NOMENCLATURE](#) sections of this evaluation when using the table(s) below.
3. Refer to [INSTALLATION](#) section of this report for installation detail when the information is not explicitly stated for the selected assembly.
4. Base sheet fasteners shall be of sufficient length to penetrate through the wood deck a minimum of 3/4-inches.
5. Suitable thermal barriers include Atlas Roofing's FR-10, Atlas Roofing's FR-50, or GAF's VersaShield SOLO, where applicable.
6. Minimum application temperature shall be 40°F. *Contact the manufacturer prior to conducting installations below 40°F.*
7. The on-center (o.c.) spacing given is the maximum allowable attachment spacing for the rated system.
8. *As Tested* information for roof deck construction is provided for information only. The addition of the *As Tested* deck information does not obviate the requirement for rational design of the roof deck and roof deck attachment in accordance with FBC requirements.

Assembly System Numbers and Definitions	
C-A-#	Assemblies with All Layers Adhered over <i>Concrete Deck</i> (New or Existing)
C-AM-#	Assemblies with Adhered Membranes over Fastened Insulation over <i>Concrete Deck</i> (New, Existing, and <i>Recover</i>)
LC-M-#	Mechanically Fastened Lightweight Concrete Assemblies over <i>Concrete Deck</i> (New and Existing)
LS-M-#	Mechanically Fastened Lightweight Concrete Assemblies over <i>Steel Deck</i> (New and Existing)
S-AM-#	Assemblies with Adhered Membranes over Fastened Insulation over <i>Steel Deck</i> (New, Existing, and <i>Recover</i>)
W-A-#	Adhered Assemblies over <i>Wood Deck</i> (New and Existing)
W-AM-#	Assemblies with Adhered Membranes over Fastened Insulation or Base Sheets over <i>Wood Deck</i> (New, Existing, and <i>Recover</i>)

Assemblies with All Layers Adhered over <i>Concrete Deck</i> (New or Existing)					
System No.	Deck Detail	Insulation	Ply Sheet	Cap Sheet	MDP (psf)
C-A-1	-	Elevate ISO 95+ GL applied with OlyBond 500 in 1-inch ribbons spaced 12-inch o.c.	One or more plies of NORDSHIELD SA BASE FR or PRIMO SA BASE FR	NORDSHIELD SA MINERAL CAP FR or PRIMO SA MINERAL CAP FR	-130 (Lim. 9)
C-A-2	-	-	OPTIONAL NORDFLEX S or PRIMO TORCH SBS SAND	NORDFLEX M or PRIMO TORCH SBS GRAN	-140 (Lim. 9)
C-A-3	-	-	OPTIONAL NORDPOLY 4B or PRIMO TORCH APP SMOOTH	NORDPOLY 4M or PRIMO TORCH APP GRANULE	-142.5 (Lim. 9)
C-A-4	Primed with ASTM D 41 primer at a rate of 1gal/100ft ²	-	One or more plies of NORDSHIELD SA BASE FR or PRIMO SA BASE FR	NORDSHIELD SA MINERAL CAP FR or PRIMO SA MINERAL CAP FR	-150 (Lim. 9)
C-A-5	Primed with ASTM D 41 primer at a rate of 1gal/100ft ²	-	-	NORDSHIELD SA MINERAL CAP FR or PRIMO SA MINERAL CAP FR	-187.5 (Lim. 9)
C-A-6	-	Carlisle HP-H Polyiso applied with OlyBond 500 in ribbons spaced 6-inch o.c.	NORD SELF BASE or PRIMO TORCH BASE	NORDFLEX M, NORDPOLY 4M, PRIMO TORCH SBS GRAN, or PRIMO TORCH APP GRANULE	-200 (Lim. 9)

Assemblies with All Layers Adhered over Concrete Deck (New or Existing)					
System No.	Deck Detail	Insulation	Ply Sheet	Cap Sheet	MDP (psf)
C-A-7	Primed with ASTM D 41 primer at a rate of 1gal/100ft ²	-	One or more plies of NORDSHIELD SA BASE or PRIMO SA BASE	NORDSHIELD SA MINERAL CAP or PRIMO SA CAP	-340 (Lim. 9)
C-A-8	Primed with ASTM D 41 primer at a rate of 1gal/100ft ²	-	One or more plies of NORDPOLY 4B or PRIMO TORCH APP SMOOTH	NORDPOLY 4M or PRIMO TORCH APP GRANULE	-470 (Lim. 9)

Assemblies with Adhered Membranes over Mechanically Fastened Insulation over Concrete Deck (New, Existing, and Recover)					
System No.	Base Insulation	Top Insulation	Ply Sheet	Cap Sheet	MDP (psf)
C-AM-1	OPTIONAL Min. 1-inch AC Foam-II or H-Shield	SECUROCK secured with OMG 3" Round Plate and Heavy Duty Fasteners secured at a rate of 20 per 4-ft x 8-ft board	One or more plies of NORDSHIELD SA BASE or PRIMO SA BASE	NORDSHIELD SA MINERAL CAP or PRIMO SA CAP	-52.5 (Lim. 7)

Mechanically Fastened Lightweight Concrete Assemblies over Concrete Deck (New and Existing)					
System No.	LWIC	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
LC-M-1	Min. 544 psi Elastizell Foam Agent, Zell-Crete Fibers, Portland Cement and water	GAF Liberty SBS installed with OMG 1.7" CR Base Sheet Fasteners 7-inch o.c. at the lap and 7-inch o.c. in two (2) equally spaced, staggered rows in the field of the roll.	One or more plies of NORDSHIELD SA BASE or PRIMO SA BASE	NORDSHIELD SA MINERAL CAP or PRIMO SA CAP	-30 (Lim. 7; Non-HVHZ)

Mechanically Fastened Lightweight Concrete Assemblies over <i>Steel Deck</i> (New and Existing)						
System No.	Deck Detail	LWIC	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
LS-M-1	G33, L5, PW, S12	Min. 544 psi Elastizell Foam Agent, Zell-Crete Fibers, Portland Cement and water	GAF Liberty SBS installed with OMG 1.7" CR Base Sheet Fasteners 7-inch o.c. at the lap and 7-inch o.c in two (2) equally spaced, staggered rows in the field of the roll.	One or more plies of NORDSHIELD SA BASE or PRIMO SA BASE	NORDSHIELD SA MINERAL CAP or PRIMO SA CAP	-30 (Lim. 7; Non-HVHZ)

Assemblies with Adhered Membranes over Mechanically Fastened Insulation over <i>Steel Deck</i> (New, Existing, and Recover)						
System No.	Deck Detail	Base Insulation	Top Insulation	Ply Sheet	Cap Sheet	MDP (psf)
S-AM-1	G33, L6, PW, S12	OPTIONAL Min. 1-inch ACFoam-II or H-Shield	SECUROCK secured with OMG 3" Round Plate and Heavy Duty Fasteners secured at a rate of 20 per 4-ft x 8-ft board	One or more plies of NORDSHIELD SA BASE or PRIMO SA BASE	NORDSHIELD SA MINERAL CAP or PRIMO SA CAP	-52.5 (Lim. 7)

Adhered Assemblies over Wood Deck (New and Existing)						
System No.	Deck Detail	Thermal Barrier	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
W-A-1	T15/32, L24	-	-	One or more plies of NORDSHIELD SA BASE or PRIMO SA BASE	NORDSHIELD SA MINERAL CAP or PRIMO SA CAP	-45 (Lim. 9; Non-HVHZ)

Assemblies with Adhered Membranes over Fastened Insulation or Base Sheets over Wood Deck (New, Existing, and Recover)						
System No.	Deck Detail	Thermal Barrier/ Base Insulation	Base Sheet/ Top Insulation	Ply Sheet	Cap Sheet	MDP (psf)
W-AM-1	T15/32, L24	As required	Approved ASTM D 226, Type II (No. 30) organic felt installed with minimum 4-inch side laps. Attach base sheet 9-inches o.c. at the lap and 9-inches o.c. in three (3) equally spaced, staggered rows in the field of the roll with min. 32ga. x 1-5/8-inch tin tabs and min. 12 ga., 1-1/4-inch ring shank nails	One or more plies of NORDSHIELD SA BASE or PRIMO SA BASE	NORDSHIELD SA MINERAL CAP or PRIMO SA CAP	-22.5 (Lim. 7; Non-HVHZ)
W-AM-2	T19/32, L24, 0.113-6/6	-	NORDSHIELD MA BASE fastened with min. 32ga. x 1-5/8-inch tin tabs and min. 12 ga., 1-1/4-inch ring shank nails 8-inches o.c. at the lap and 8-inches o.c. in three (3) equally spaced, staggered rows in the field of the roll	-	NORDSHIELD SA MINERAL CAP FR or PRIMO SA MINERAL CAP FR	-45 (Lim. 7)
W-AM-3	T19/32, L24, 0.113-6/6	-	NORDSHIELD MA BASE fastened with min. 32ga. x 1-5/8-inch tin tabs and min. 12 ga., 1-1/4-inch ring shank nails 8-inches o.c. at the lap and 8-inches o.c. in three (3) equally spaced, staggered rows in the field of the roll	One or more plies of NORDSHIELD SA BASE FR or PRIMO SA BASE FR	NORDSHIELD SA MINERAL CAP FR or PRIMO SA MINERAL CAP FR	-52.5 (Lim. 7)
W-AM-4	T19/32, L24, 0.113-6/6	OPTIONAL Min. 1-inch ACFoam-II or H-Shield	SECUROCK secured with OMG 3" Round Plate and Heavy Duty Fasteners secured at a rate of 20 per 4-ft x 8-ft board	One or more plies of NORDSHIELD SA BASE or PRIMO SA BASE	NORDSHIELD SA MINERAL CAP or PRIMO SA CAP	-52.5 (Lim. 7)
W-AM-5	T19/32, L24, 0.113-6/6	-	GAF Liberty SBS Base Sheet or GAF StormSafe Anchor Sheet fastened with min. 12 ga., 1-1/4-inch ring shank nails 6-inches o.c. at the lap and 6-inches o.c. in three (3) equally spaced, staggered rows in the field of the roll	One or more plies of NORDSHIELD SA BASE or PRIMO SA BASE	NORDSHIELD SA MINERAL CAP or PRIMO SA CAP	-67.5 (Lim. 7)
W-AM-6	T19/32, L24, 0.113-6/6	-	Min. 1.5-inch polyiso insulation board loose laid under NORDSHIELD MA BASE secured with OMG 3" Round Plate and #12 Standard Roofgrip Fasteners secured at the lap in a 18"-18"-12" repeating pattern and in two (2) equally spaced rows in the field of the roll	One or more plies of NORDSHIELD SA BASE FR or PRIMO SA BASE FR	NORDSHIELD SA MINERAL CAP FR or PRIMO SA MINERAL CAP FR	-97.5 (Lim. 7)

END OF REPORT