



**NEMO|etc.**

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ENGINEER

EVALUATE

TEST

CONSULT

**P.E. EVALUATION REPORT (PEER)**

**CertainTeed, LLC**

20 Moores Road  
Malvern, PA 19355  
**(610) 893-5400**

PEER-CTR-003.C.R12

FL16709-R12 (NON-HVHZ)

Date of Issuance: 12/02/2013

Revision 12: 12/13/2023

**SCOPE:**

This P.E. Evaluation Report (henceforth 'PEER') is issued under F.A.C. [Rule 61G20-3](#) and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The product described herein has been evaluated for compliance with the 8<sup>th</sup> Edition (2023) Florida Building Code [sections noted herein](#).

**DESCRIPTION: Flintlastic® Modified Bitumen Roof Systems (NON-HVHZ)**

**LABELING:** Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

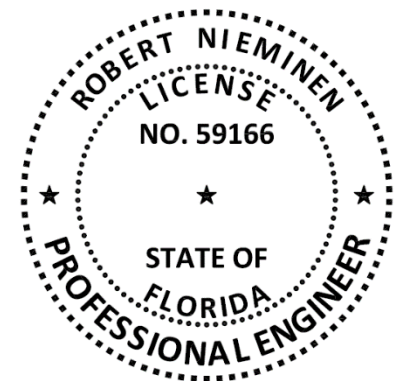
**CONTINUED COMPLIANCE:** This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

**ADVERTISEMENT:** The Florida Product Approval Number (FL#) preceded by the words "Nemo P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be done in its entirety.

**INSPECTION:** Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 4, plus 25-page Appendix.

**Prepared by:**



**CERTIFICATION OF INDEPENDENCE:**

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

**ROOFING SYSTEMS EVALUATION:**
**1. SCOPE:**

**Product Category:** Roofing  
**Sub-Category:** Modified Bitumen Roof Systems  
**Product Approval Method:** Method 1, Option D – Codified Material, Evaluation by Engineer  
**Compliance Statement:** Flintlastic® Modified Bitumen Roof Systems, as produced by CertainTeed, LLC, have demonstrated compliance with the following sections of the **8<sup>th</sup> Edition (2023) Florida Building Code** through testing in accordance with the following Standards. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

**2. STANDARDS:**

SECTION	PROPERTY	STANDARD
1504.3.1	Wind resistance	FM 4474
1504.6	Accelerated weathering	ASTM G155
1504.7	Impact resistance	FM 4470
1507.1.1	Material standard	ASTM D1970
1507.10.2	Material standard	ASTM D2178
1507.10.2	Material standard	ASTM D4601
1507.10.2	Material standard	ASTM D4897
1507.11.2	Material standard	ASTM D6163
1507.11.2	Material standard	ASTM D6164
1507.11.2	Material standard	ASTM D6222
1507.11.2	Material standard	ASTM D6509
1519.11	Attachment Requirements	RAS 117

**3. REFERENCES:**

ENTITY	EXAMINATION	REFERENCE	DATE
NEMO	PEER	PEER-CTR-003.A.R32	12/13/2023
UL, LLC. (QUA9625)	Quality Assurance	Service Confirmation	08/08/2022
UL, LLC. (QUA9625)	Quality Assurance	Florida BCIS	Current

**4. PRODUCT DESCRIPTION:**

This PEER covers **Flintlastic® Modified Bitumen Roof Systems** installed in accordance with **CertainTeed, LLC** published installation instructions and the Limitations / Conditions of Use herein.

**TABLE 1: EVALUATED MEMBRANES**

TYPE	PRODUCT	MATERIAL STANDARD			PLANT(S)
		REFERENCE	TYPE	GRADE	
Base Sheets	Flintlastic® SA NailBase	ASTM D4601	II	N/A	AR <sup>1</sup>
	Glasbase™ Base Sheet	ASTM D4601	II	N/A	CA <sup>1</sup> , OK <sup>1</sup>
	All Weather/Empire™ Base Sheet	ASTM D4601	II	N/A	AR <sup>1</sup>
	Flintlastic® Base 20	ASTM D4601	II	N/A	AR <sup>1</sup>
	Flintlastic® Poly SMS Base Sheet	ASTM D4601	II	N/A	AR <sup>1</sup>
	Flintglas® MS Cap (inverted)	ASTM D4897	II	N/A	AR <sup>1</sup>
Ply Sheets	Flintglas® Ply 4	ASTM D2178	IV	N/A	CA <sup>1</sup> , OK <sup>1</sup>
Base/Ply Membranes (APP)	Flintlastic® APP Base T	ASTM D6509	N/A	N/A	AR <sup>1</sup>
	Flintlastic® STA	ASTM D6222	I	S	AR <sup>1</sup>
Cap Membranes (APP)	Flintlastic® STA	ASTM D6222	I	S	AR <sup>1</sup>
	Flintlastic® GTA	ASTM D6222	I	G	AR <sup>1</sup>
	Flintlastic® GTA CoolStar®	ASTM D6222	I	G	AR
	Flintlastic® GTA-FR	ASTM D6222	I	G	AR <sup>1</sup>
	Flintlastic® GTA-FR CoolStar®	ASTM D6222	I	G	AR

TABLE 1 (CONTINUED): EVALUATED MEMBRANES					
TYPE	PRODUCT	MATERIAL STANDARD			PLANT(S)
		REFERENCE	TYPE	GRADE	
Base/Ply Membranes (SBS)	Black Diamond® Base Sheet	ASTM D1970	N/A	N/A	MN <sup>1</sup>
	Flintlastic® SA PlyBase	ASTM D1970	N/A	N/A	AR <sup>1</sup>
	Flintlastic® SA MidPly	ASTM D6163	I	S	AR <sup>1</sup>
	Flintlastic® Ultra Glass SA	ASTM D6163	I	S	AR <sup>1</sup>
	Flintlastic® Base 20	ASTM D6163	I	S	AR <sup>1</sup>
	Flintlastic® Base 20 T	ASTM D6163	I	S	AR <sup>1</sup>
	Flintlastic® Ultra Poly SMS Base Sheet	ASTM D6164	I	S	AR
Cap Membranes (SBS)	Flintlastic® SA Cap FR	ASTM D6163	I	G	AR <sup>1</sup>
	Flintlastic® SA Cap FR CoolStar®	ASTM D6163	I	G	AR
	Flintlastic® SA Cap	ASTM D6164	I	G	AR
	Flintlastic® SA Cap CoolStar®	ASTM D6164	I	G	AR
	Flintlastic® FR-P	ASTM D6164	I	G	AR
	Flintlastic® FR-P CoolStar®	ASTM D6164	I	G	AR
	Flintlastic® GMS	ASTM D6164	I	G	AR
	Flintlastic® GTS-FR	ASTM D6164	II	G	AR <sup>1</sup>
	Flintlastic® GTS-FR CoolStar®	ASTM D6164	II	G	AR
	Flintlastic® Premium FR-P	ASTM D6164	II	G	AR
	Flintlastic® Premium FR-P CoolStar®	ASTM D6164	II	G	AR

<sup>1</sup> Indicates membrane/plant combination is Certified by ISO/IEC 17065 Certification Entity; [NEMO|cert.](#) to the noted standard.

## 5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 This PEER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This PEER does not include evaluation of fire classification. Refer to **FBC 1505** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.5 This PEER does not include evaluation of roof edge termination. Refer to **FBC 1504.5** for requirements and limitations regarding edge securement for low-slope roofs.
- 5.6 Refer to **FBC 1511** for requirements and limitations regarding recover installations.
- 5.6.1 For mechanically attached components over existing roof decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing shall be in accordance with [ANSI/SPRI FX-1](#) or [Testing Application Standard TAS 105](#).
- 5.6.2 RESERVED
- 5.6.3 RESERVED

- 5.7 Refer to Appendix 1 for system attachment requirements for wind load resistance.
- 5.7.1 “MDP” = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads, and reflects the ultimate passing pressure divided by 2 (the 2 to 1 margin of safety per **FBC 1504.9** has already been applied). Refer to **FBC 1609** for determination of design wind loads.
- 5.7.2 The maximum design pressure for the selected assembly shall meet or exceed at least the Zone 1 PRIME design pressure determined in accordance with **FBC Chapter 16**. This is addressed in the Appendix tables via “N/A” reference if the baseline system is “Not Applicable” to Zone 1 PRIME design pressure requirements.
- 5.7.3 RESERVED
- 5.8 All components in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**. Refer to the Product Approval of the component manufacturer for components listed in Appendix 1 that are produced by a Product Manufacturer other than the report holder on [Page 1](#) of this PEER.

## 6. INSTALLATION:

**Flintlastic® Modified Bitumen Roof Systems** shall be installed in accordance with **CertainTeed, LLC** published installation instructions, subject to the [Limitations of Use](#) herein.

## 7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

## 8. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by **F.A.C. Rule 61G20-3** QA requirements. Refer to [Section 4](#) herein for products and production locations having met codified material standards.

## 9. QUALITY ASSURANCE ENTITY:

[UL \(QUA9625\)](#): (360) 817-5512; [bsai.inspections@ul.com](mailto:bsai.inspections@ul.com)

- THE 25-PAGES THAT FOLLOW FORM PART OF THIS PEER -

**APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE**

TABLE	DECK	APPLICATION	TYPE	DESCRIPTION	PAGE
<a href="#">1A</a>	Roof Cladding	Design Pressures, Allowable Stress Design, Pasd, Exposure B			3
<a href="#">1B</a>	Roof Cladding	Design Pressures, Allowable Stress Design, Pasd, Exposure C			4
<a href="#">1C</a>	Roof Cladding	Design Pressures, Allowable Stress Design, Pasd, Exposure D			5
<a href="#">2</a>	Wood	New or Reroof (Tear-Off)	B-3	Mechanically Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	6
<a href="#">3</a>	Wood	New, Reroof (Tear-Off) or Recover	C-1	Mechanically Attached Insulation, Bonded Roof Cover	10
<a href="#">4</a>	Wood	New, Reroof (Tear-Off) or Recover	D-2	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	14
<a href="#">5</a>	Wood	New, Reroof (Tear-Off)	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	18
<a href="#">6</a>	Wood	New, Reroof (Tear-Off)	E-2	Non-Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	22

**The following notes apply to the systems outlined herein:**

- 1 The roof system evaluation herein pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 2 RESERVED
- 3 Unless otherwise noted, insulation may be any one layer or combination of FBC Approved (Local or Statewide) board(s) that meet FBC 1505 and, for foam plastic, FBC Chapter 26, when installed with the roof cover.
- 4 RESERVED
- 5 RESERVED
- 6 RESERVED
- 7 RESERVED
- 8 For adhered roof insulation and board-size: Unless otherwise noted, refer to Section 2.2.10.6.2 of [FM Loss Prevention Data Sheet](#) 1-29.
- 9 The maximum design pressure for the selected base assembly shall meet or exceed the Zone 1 PRIME design pressure determined in accordance with FBC Chapter 16. This is already addressed in the tables that follow via "N/A" reference if the baseline system is "Not Applicable" to Zone 1 PRIME design pressure requirements.
- 10 RESERVED
- 11 For mechanically attached components over existing decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing and analysis shall be in accordance with [ANSI/SPRI](#) FX-1 or [Testing Application Standard](#) TAS 105.
- 12 RESERVED
- 13 Refer to FBC 1511 for requirements and limitations regarding recover installations. For Recover Applications using System Type C-1 the base insulation layer is optional and for System Type D-2, the insulation is optional. Alternatively, an FBC Approved insulation board or coverboard may be used as a separation layer. The separator component shall be documented as meeting FBC 1505 and, for foam plastic, FBC Chapter 26, when installed with the roof cover in Recover applications.
- 14 RESERVED

15 For bonded membrane applications, unless otherwise noted, refer to the following.

MEMBRANE / ADHESIVE COMBINATIONS			
REFERENCE	LAYER	MATERIAL	APPLICATION
BP-AA (Base and Ply sheets, Asphalt-Applied)	Base Ply:	Glasbase Base Sheet, All Weather/Empire Base Sheet, Flintlastic Base 20	Hot asphalt at 20-40 lbs/square
	Ply:	One or more Flintglas Ply 4	
SBS-AA (SBS, Asphalt-Applied)	Base Ply:	Flintlastic Base 20, Flintlastic Poly SMS Base Sheet, Flintlastic Ultra Poly SMS Base Sheet	Hot asphalt at 20-40 lbs/square
	Ply:	One or more Flintlastic Base 20, Flintlastic Poly SMS Base Sheet, Flintlastic Ultra Poly SMS Base Sheet	
	Cap Ply:	Flintlastic FR-P, Flintlastic FR-P CoolStar, Flintlastic Premium FR-P, Flintlastic Premium FR-P CoolStar, Flintlastic GMS	
SBS-TA (SBS, Torch-Applied)	Base Ply:	Flintlastic Ultra Poly SMS Base Sheet, Flintlastic Base 20 T	Torch-Applied
	Ply:	One or more Flintlastic Ultra Poly SMS Base Sheet, Flintlastic Base 20 T	
	Cap Ply:	Flintlastic GTS-FR, Flintlastic GTS-FR CoolStar	
APP-TA (APP, Torch-Applied)	Base Ply:	One or more Flintlastic APP Base T, Flintlastic STA	Torch-Applied
	Cap Ply:	Flintlastic STA, Flintlastic GTA, Flintlastic GTA CoolStar, Flintlastic GTA-FR, Flintlastic GTA-FR CoolStar	
SBS-SA (SBS, Self-Adhering)	Base Ply:	Flintlastic SA PlyBase, Flintlastic SA MidPly	Self-Adhering
	Ply:	Flintlastic SA PlyBase, Flintlastic SA MidPly	
	Cap Ply:	Flintlastic SA Cap, Flintlastic SA Cap CoolStar, Flintlastic SA Cap FR, Flintlastic SA Cap FR CoolStar	

16 The following products are interchangeable within the scope of this PEER.

ACCEPTABLE ALTERNATES				
SUB-CATEGORY	MANUFACTURER	FBC FILE	LISTED PRODUCT HEREIN	ALTERNATE
Roofing Fasteners	Altenloh, Brinck and Co. U.S., Inc.	FL4500	Trufast #12 DP	FlintFast #12 Fastener
			Trufast #14 HD	FlintFast #14 Fastener
			Trufast 3" Metal Insulation Plate	FlintFast 3" Insulation Plate
Roofing Insulation	Atlas Roofing	FL17989	ACFoam II	FlintBoard ISO
	Hunter Panels	FL5968	H-Shield	FlintBoard <sub>H</sub> ISO
	Georgia-Pacific Gypsum, LLC	FL1250	DensDeck Prime	DensDeck StormX Prime Roof Board

17 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC 1609 for determination of design wind loads. [\(Note 9\)](#)

17A The following summary is the basis for the attachment tables herein. Tables 1A through 1C assume the following design parameters as defined in ASCE 7-22. Projects outside these design parameters are not applicable for use within the confines of this Evaluation Report.

PARAMETER	REFERENCE	SYMBOL	VALUE
Design wind speed (mph)*	FBC 1609.3	<i>Vult</i>	Various
Exposure Category	FBC 1609.4.3	<i>N/A</i>	B, C or D
Topographical factor	ASCE 7 Section 26.8.2	<i>Kzt</i>	1.0
Wind directionality factor	ASCE 7 Section 26.6	<i>Kd</i>	0.85
Ground elevation factor	ASCE 7 Table 26.9-1	<i>Ke</i>	1.0
Roof slope	N/A	$\theta$	$\leq 7^\circ$

\*Selection of the appropriate design wind speed and exposure category is the responsibility of the user, subject to acceptance by the Authority Having Jurisdiction.

**TABLE 1A: ROOF CLADDING DESIGN PRESSURES, ALLOWABLE STRESS DESIGN, PASD (PSF)**
**EXPOSURE CATEGORY B**

Exposure Category	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed - $V_{ult}$ (mph) – FBC Figures 1609.3(1) through 1609.3(4)								
				110	120	130	140	150	160	170	180	200
B	Open	$h \leq 15$	1 PRIME	-8	-10	-11	-13	-15	-17	-19	-22	-27
			1	-15	-18	-22	-25	-29	-33	-37	-41	-51
			2	-21	-25	-29	-34	-39	-44	-50	-56	-69
			3	-29	-35	-41	-47	-54	-61	-69	-78	-96
		$15 < h \leq 20$	1 PRIME	-9	-11	-12	-14	-16	-19	-21	-24	-29
			1	-17	-20	-23	-27	-31	-35	-40	-45	-55
			2	-23	-27	-32	-37	-42	-48	-54	-61	-75
			3	-31	-37	-44	-51	-59	-67	-75	-84	-104
		$20 < h \leq 30$	1 PRIME	-10	-12	-14	-16	-19	-21	-24	-27	-33
			1	-19	-22	-26	-30	-35	-40	-45	-50	-62
			2	-25	-30	-36	-41	-47	-54	-61	-68	-84
			3	-35	-42	-49	-57	-66	-75	-85	-95	-117
	$30 < h \leq 40$	1 PRIME	-11	-13	-15	-18	-20	-23	-26	-29	-36	
		1	-20	-24	-29	-33	-38	-43	-49	-55	-68	
		2	-28	-33	-39	-45	-52	-59	-66	-74	-92	
		3	-39	-46	-54	-62	-72	-82	-92	-103	-128	
	Enclosed	$h \leq 15$	1 PRIME	-10	-12	-14	-16	-18	-21	-23	-26	-32
			1	-17	-20	-24	-28	-32	-36	-41	-46	-56
			2	-22	-27	-31	-36	-42	-48	-54	-60	-74
			3	-31	-36	-43	-50	-57	-65	-73	-82	-101
		$15 < h \leq 20$	1 PRIME	-11	-13	-15	-17	-20	-22	-25	-28	-35
			1	-19	-22	-26	-30	-34	-39	-44	-50	-61
			2	-24	-29	-34	-40	-45	-52	-58	-65	-81
			3	-33	-40	-46	-54	-62	-70	-79	-89	-110
$20 < h \leq 30$		1 PRIME	-12	-14	-17	-19	-22	-25	-29	-32	-39	
		1	-21	-25	-29	-34	-39	-44	-50	-56	-69	
		2	-27	-33	-38	-44	-51	-58	-66	-73	-91	
		3	-37	-44	-52	-61	-70	-79	-89	-100	-124	
$30 < h \leq 40$	1 PRIME	-13	-15	-18	-21	-24	-28	-31	-35	-43		
	1	-23	-27	-32	-37	-42	-48	-54	-61	-75		
	2	-30	-36	-42	-48	-56	-63	-71	-80	-99		
	3	-41	-48	-57	-66	-76	-86	-97	-109	-135		

**TABLE 1B: ROOF CLADDING DESIGN PRESSURES, ALLOWABLE STRESS DESIGN, PASD (PSF)**
**EXPOSURE CATEGORY C**

Exposure Category	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed - $V_{ult}$ (mph) – FBC Figures 1609.3(1) through 1609.3(4)								
				110	120	130	140	150	160	170	180	200
C	Open	$h \leq 15$	1 PRIME	-12	-14	-17	-20	-22	-25	-29	-32	-40
			1	-23	-27	-32	-37	-42	-48	-54	-61	-75
			2	-31	-37	-43	-50	-57	-65	-74	-82	-102
			3	-43	-51	-60	-69	-80	-91	-102	-115	-142
		$15 < h \leq 20$	1 PRIME	-13	-15	-18	-21	-24	-27	-31	-34	-42
			1	-24	-29	-34	-39	-45	-51	-58	-65	-80
			2	-33	-39	-46	-53	-61	-69	-78	-88	-108
			3	-46	-54	-64	-74	-85	-97	-109	-122	-151
		$20 < h \leq 30$	1 PRIME	-14	-17	-19	-23	-26	-29	-33	-37	-46
			1	-26	-31	-37	-43	-49	-56	-63	-70	-87
			2	-36	-42	-50	-58	-66	-75	-85	-95	-118
			3	-50	-59	-69	-80	-92	-105	-118	-133	-164
		$30 < h \leq 40$	1 PRIME	-15	-18	-21	-24	-28	-31	-35	-40	-49
			1	-28	-33	-39	-45	-52	-59	-67	-75	-93
			2	-38	-45	-53	-61	-70	-80	-91	-101	-125
			3	-53	-63	-74	-85	-98	-112	-126	-141	-174
	Enclosed	$h \leq 15$	1 PRIME	-14	-17	-20	-23	-27	-31	-35	-39	-48
			1	-25	-30	-35	-41	-47	-53	-60	-67	-83
			2	-33	-39	-46	-54	-62	-70	-79	-89	-110
			3	-45	-54	-63	-73	-84	-96	-108	-121	-150
		$15 < h \leq 20$	1 PRIME	-15	-18	-22	-25	-29	-33	-37	-41	-51
			1	-27	-32	-37	-43	-50	-57	-64	-72	-89
			2	-35	-42	-49	-57	-66	-75	-84	-95	-117
			3	-48	-57	-67	-78	-90	-102	-115	-129	-159
		$20 < h \leq 30$	1 PRIME	-17	-20	-23	-27	-31	-35	-40	-45	-55
			1	-29	-35	-41	-47	-54	-62	-70	-78	-96
			2	-38	-46	-54	-62	-71	-81	-92	-103	-127
			3	-52	-62	-73	-85	-97	-111	-125	-140	-173
$30 < h \leq 40$	1 PRIME	-18	-21	-25	-29	-33	-38	-43	-48	-59		
	1	-31	-37	-43	-50	-58	-66	-74	-83	-102		
	2	-41	-49	-57	-66	-76	-86	-98	-109	-135		
	3	-56	-66	-78	-90	-104	-118	-133	-149	-184		

**TABLE 1C: ROOF CLADDING DESIGN PRESSURES, ALLOWABLE STRESS DESIGN, PASD (PSF)**
**EXPOSURE CATEGORY D**

Exposure Category	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed - $V_{ult}$ (mph) – FBC Figures 1609.3(1) through 1609.3(4)								
				110	120	130	140	150	160	170	180	200
D	Open	$h \leq 15$	1 PRIME	-15	-17	-20	-24	-27	-31	-35	-39	-48
			1	-28	-33	-39	-45	-51	-58	-66	-74	-91
			2	-37	-44	-52	-61	-70	-79	-89	-100	-124
			3	-52	-62	-73	-84	-97	-110	-124	-139	-172
		$15 < h \leq 20$	1 PRIME	-15	-18	-22	-25	-29	-33	-37	-41	-51
			1	-29	-35	-41	-47	-54	-62	-70	-78	-96
			2	-39	-47	-55	-64	-73	-83	-94	-106	-130
			3	-55	-65	-77	-89	-102	-116	-131	-147	-181
		$20 < h \leq 30$	1 PRIME	-17	-20	-23	-27	-31	-35	-39	-44	-55
			1	-31	-37	-44	-51	-58	-66	-75	-84	-103
			2	-42	-50	-59	-68	-79	-89	-101	-113	-140
			3	-59	-70	-82	-95	-109	-124	-140	-157	-194
	$30 < h \leq 40$	1 PRIME	-17	-21	-24	-28	-32	-37	-41	-46	-57	
		1	-33	-39	-46	-53	-61	-69	-78	-88	-108	
		2	-44	-53	-62	-72	-82	-94	-106	-119	-146	
		3	-62	-73	-86	-100	-114	-130	-147	-165	-204	
	Enclosed	$h \leq 15$	1 PRIME	-18	-21	-25	-28	-33	-37	-42	-47	-58
			1	-31	-36	-43	-50	-57	-65	-73	-82	-101
			2	-40	-48	-56	-65	-75	-85	-96	-108	-133
			3	-55	-65	-77	-89	-102	-116	-131	-147	-182
		$15 < h \leq 20$	1 PRIME	-19	-22	-26	-30	-34	-39	-44	-50	-61
			1	-32	-38	-45	-52	-60	-68	-77	-86	-107
			2	-43	-51	-59	-69	-79	-90	-102	-114	-141
			3	-58	-69	-81	-94	-108	-123	-138	-155	-192
$20 < h \leq 30$		1 PRIME	-20	-24	-28	-32	-37	-42	-47	-53	-66	
		1	-35	-41	-48	-56	-64	-73	-82	-92	-114	
		2	-46	-54	-64	-74	-85	-96	-109	-122	-150	
		3	-62	-74	-87	-101	-115	-131	-148	-166	-205	
$30 < h \leq 40$	1 PRIME	-21	-25	-29	-34	-39	-44	-50	-56	-69		
	1	-36	-43	-51	-59	-67	-77	-86	-97	-120		
	2	-48	-57	-67	-77	-89	-101	-114	-128	-158		
	3	-65	-77	-91	-105	-121	-138	-155	-174	-215		

**TABLE 2: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE B-3: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER**  
 “N/A” INDICATES THE SYSTEM CANNOT BE USED WITHIN THE PRESSURE ZONE.

System No.	Deck <a href="#">(Note 1)</a>	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover <a href="#">(Note 15)</a>			MDP <a href="#">(psf)</a>
		Type	Fasteners <a href="#">(Note 11)</a>	Attach	Type	Attach <a href="#">(Note 8)</a>	Type	Attach	Base Ply	Ply	Cap Ply	
W-1	Min. 19/32-inch plywood	Glasbase, All Weather Empire, Flexiglas Base, Poly SMS, Ultra Poly SMS or Flintglas MS Cap (inverted)	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	<u>Pattern #1</u> : 8-inch o.c. at the 3-inch side laps and 8-inch o.c. at three (3) equally spaced center rows	Min. 1.5-inch ACfoam II, ENRGY-3, H-Shield or Multi-Max FA3	Hot asphalt, full coverage	Min. 0.25-inch DensDeck primed with FlintPrime QD or DensDeck Prime	Hot asphalt, full coverage	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5

**ANCHOR SHEET ATTACHMENT PATTERN REFERENCES:**

PATTERN NO:	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#7
MIN. LAP WIDTH (inch):	3	3	3	3	3	3	3
MAX. LAP FASTENER SPACING (inch o.c.):	8	7	6	7	6	6	6
MIN. # OF EQUALLY SPACED CENTER ROWS:	3	3	3	4	4	5	5
MAX. CENTER ROW FASTENER SPACING (inch o.c.):	8	7	6	7	6	6	6

**ANCHOR SHEET ATTACHMENT, SYSTEM W-1:**

Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
B	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#7
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	#7	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#4
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	#5
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#7	#7	N/A
	30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
		1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	
		2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#7	#7	
		3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#7	#7	#7	N/A		

ANCHOR SHEET ATTACHMENT, SYSTEM W-1:														
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
B	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#7
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#7		
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#7
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#7	N/A	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#7
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	#6	#7	#7	N/A	
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#7
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#7	#7
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7	N/A	N/A	
C	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#7	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#7	#7	#7	N/A	N/A	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#7
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	#6	#7	N/A	
			3	#1 (AS-LISTED)	#2	#3	#4	#5	#7	N/A	N/A	N/A		
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7	N/A	
			3	#1 (AS-LISTED)	#2	#3	#5	#7	#7	N/A	N/A	N/A		
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#7
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#7	#7	#7	N/A	
			3	#2	#3	#4	#5	#7	N/A	N/A	N/A	N/A		

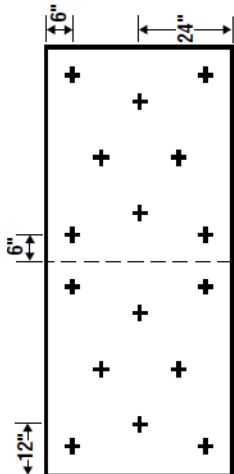
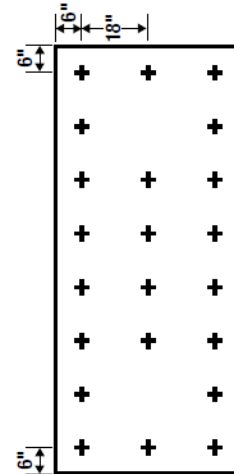
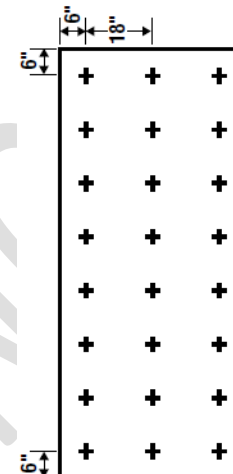
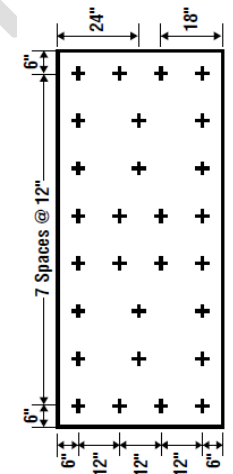
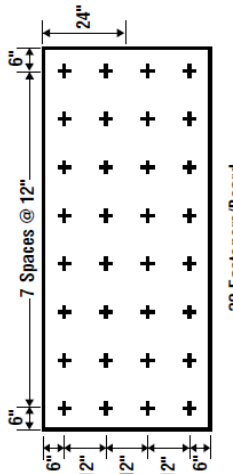
ANCHOR SHEET ATTACHMENT, SYSTEM W-1:													
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)									
				110	120	130	140	150	160	170	180	200	
C	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	N/A	
			3	#1 (AS-LISTED)	#2	#3	#4	#5	#7	N/A	N/A	N/A	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#6	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#7	N/A	
			3	#1 (AS-LISTED)	#2	#3	#5	#6	#7	N/A	N/A	N/A	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	N/A
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	N/A	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#7	#7	N/A	
			3	#1 (AS-LISTED)	#3	#4	#5	#7	N/A	N/A	N/A	N/A	
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	N/A
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	N/A	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	N/A	N/A	
			3	#2	#3	#5	#7	#7	N/A	N/A	N/A	N/A	
D	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#7	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	#6	#7	N/A	
			3	#1 (AS-LISTED)	#3	#4	#5	#7	N/A	N/A	N/A	N/A	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	#7	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#7	N/A	N/A	
			3	#2	#3	#5	#6	#7	N/A	N/A	N/A	N/A	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	N/A
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	N/A	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#6	#7	N/A	N/A	
			3	#2	#3	#5	#7	N/A	N/A	N/A	N/A	N/A	
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	N/A
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	#6	N/A	
			2	#1 (AS-LISTED)	#2	#3	#4	#5	#7	N/A	N/A	N/A	
			3	#3	#4	#5	#7	N/A	N/A	N/A	N/A	N/A	

ANCHOR SHEET ATTACHMENT, SYSTEM W-1:													
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)									
				110	120	130	140	150	160	170	180	200	
D	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	N/A
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	N/A	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#7	N/A	N/A	
			3	#2	#3	#5	#6	#7	N/A	N/A	N/A	N/A	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	N/A
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	N/A	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#6	#7	N/A	N/A	
			3	#2	#3	#5	#7	N/A	N/A	N/A	N/A	N/A	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	N/A	N/A
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	N/A	N/A	
			2	#1 (AS-LISTED)	#2	#3	#4	#5	#7	N/A	N/A	N/A	
			3	#3	#4	#5	#7	N/A	N/A	N/A	N/A	N/A	
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	N/A	N/A
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	N/A	N/A	
			2	#1 (AS-LISTED)	#2	#3	#5	#6	#7	N/A	N/A	N/A	
			3	#3	#5	#7	N/A	N/A	N/A	N/A	N/A	N/A	

**TABLE 3: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE C-1: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**  
 “N/A” INDICATES THE SYSTEM CANNOT BE USED WITHIN THE PRESSURE ZONE.

System No.	Deck <a href="#">(Note 1)</a>	Base Insulation Layer <a href="#">(Note 3, Note 13)</a>	Top Insulation Layer			Roof Cover <a href="#">(Note 15)</a>			MDP (psf)
			Type	Fasteners <a href="#">(Note 11)</a>	Attach	Base Ply	Ply	Cap Ply	
W-2	Min. 19/32-inch plywood	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II or H-Shield	Trufast #12 DP or #14 HD with Trufast 3" Metal Insulation Plate	<a href="#">Pattern #1</a> 1 per 2 ft <sup>2</sup>	SBS-SA	(Optional) SBS-SA	SBS-SA	-45.0
<i>Note: Board and stress plates shall be primed with FlintPrime QD</i>									

**INSULATION ATTACHMENT PATTERN REFERENCES:**

(AS-LISTED ABOVE) <a href="#">PATTERN #1:</a> 1 per 2 ft <sup>2</sup>	<a href="#">PATTERN #2:</a> 1 per 1.45 ft <sup>2</sup>	<a href="#">PATTERN #3:</a> 1 per 1.33 ft <sup>2</sup>	<a href="#">PATTERN #4:</a> 1 per 1.14 ft <sup>2</sup>	<a href="#">PATTERN #5:</a> 1 per 1 ft <sup>2</sup>
 <p>16 Fasteners/Board</p>	 <p>22 Fasteners/Board</p>	 <p>24 Fasteners/Board</p>	 <p>28 Fasteners/Board</p>	 <p>32 Fasteners/Board</p>

INSULATION ATTACHMENT, SYSTEM W-2:														
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
B	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5		
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#4	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4	#5	#5	N/A	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4	#5	#5	#5	N/A	
	30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
		1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4	
		2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4	#5	#5	
		3	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5	#5	N/A	N/A		
	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#4	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5	N/A	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#2	#4	#5	#5
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5	#5	N/A	
20 < h ≤ 30		1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
		1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4	
		2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4	#5	#5	
		3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#5	#5	N/A	N/A		
30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)		
	1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4		
	2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5		
	3	#1 (AS-LISTED)	#2	#2	#4	#4	#5	#5	#5	N/A	N/A			

INSULATION ATTACHMENT, SYSTEM W-2:														
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
C	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4		
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	N/A	N/A	
			3	#1 (AS-LISTED)	#2	#2	#4	#5	#5	N/A	N/A	N/A		
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#2	#3	#5		
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5	N/A	N/A	
			3	#2	#2	#3	#4	#5	#5	N/A	N/A	N/A		
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	N/A	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4	#5	#5	N/A	N/A	
			3	#2	#2	#4	#5	#5	N/A	N/A	N/A	N/A		
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#2	#4	#4	#5	N/A	
			2	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5	N/A	N/A	N/A	
			3	#2	#3	#4	#5	N/A	N/A	N/A	N/A	N/A		
	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5		
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5	N/A		
			3	#2	#2	#3	#4	#5	#5	N/A	N/A	N/A		
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5		
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4	#5	#5	N/A		
			3	#2	#2	#4	#5	#5	N/A	N/A	N/A	N/A		
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5		
			2	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5	N/A	N/A		
			3	#2	#3	#4	#5	#5	N/A	N/A	N/A	N/A		
30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2		
	1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4	#5	N/A				
	2	#1 (AS-LISTED)	#2	#2	#4	#4	#5	N/A	N/A	N/A				
	3	#2	#4	#5	#5	N/A	N/A	N/A	N/A	N/A				

INSULATION ATTACHMENT, SYSTEM W-2:														
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
D	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4	#5		
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#5	N/A	N/A		
			3	#2	#3	#4	#5	#5	N/A	N/A	N/A	N/A		
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5		
			2	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5	N/A	N/A		
			3	#2	#4	#5	#5	N/A	N/A	N/A	N/A	N/A		
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#4	#5	#5		
			2	#1 (AS-LISTED)	#2	#2	#4	#5	#5	N/A	N/A	N/A		
			3	#2	#4	#5	#5	N/A	N/A	N/A	N/A	N/A		
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5	#5	N/A	
			2	#1 (AS-LISTED)	#2	#3	#4	#5	#5	N/A	N/A	N/A		
			3	#3	#4	#5	N/A	N/A	N/A	N/A	N/A	N/A		
	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5		
			2	#1 (AS-LISTED)	#2	#2	#4	#4	#5	#5	N/A	N/A		
			3	#2	#4	#5	#5	N/A	N/A	N/A	N/A	N/A		
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#2	#4	#5	#5	#5		
			2	#1 (AS-LISTED)	#2	#2	#4	#5	#5	N/A	N/A	N/A		
			3	#2	#4	#5	#5	N/A	N/A	N/A	N/A	N/A		
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#3	#4	#5	#5	#5		
			2	#2	#2	#3	#4	#5	#5	N/A	N/A	N/A		
			3	#3	#4	#5	N/A	N/A	N/A	N/A	N/A	N/A		
30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2		
	1	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4	#5	#5	#5	#5				
	2	#2	#2	#4	#5	#5	N/A	N/A	N/A	N/A				
	3	#3	#5	#5	N/A	N/A	N/A	N/A	N/A	N/A				

**TABLE 4: WOOD DECKS – NEW CONSTRUCTION, ReROOF (TEAR-OFF) OR RECOVER**  
**SYSTEM TYPE D-2: INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**  
 “N/A” INDICATES THE SYSTEM CANNOT BE USED WITHIN THE PRESSURE ZONE.

System No.	Deck (Note 1)	Insulation Layer(s) (Note 3, Note 13)		Base or Anchor Sheet			Roof Cover (Note 15)		MDP (psf)
		Type	Attach	Base	Fasteners (Note 11)	Attach	Base Ply and/or Ply	Cap Ply	
W-3	Min. 15/32-inch plywood	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Glasbase Base Sheet, Flintlastic Base 20, Flintlastic Poly SMS Base Sheet, Flintlastic Ultra Poly SMS Base Sheet or Flintglas MS Cap (inverted)	Trufast #12 DP or #14 HD with Trufast 3” Metal Insulation Plate	Pattern #1: 6-inch o.c. at the 4-inch side laps and 6-inch o.c. at three (3) equally spaced center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-97.5

**BASE SHEET ATTACHMENT PATTERN REFERENCES:**

PATTERN NO:	#1 (AS-LISTED)	#2	#3	#4	#5
MIN. LAP WIDTH (inch):	4	4	4	4	4
MAX. LAP FASTENER SPACING (inch o.c.):	6	7	6	7	6
MIN. # OF EQUALLY SPACED CENTER ROWS:	3	4	4	5	5
MAX. CENTER ROW FASTENER SPACING (inch o.c.):	6	7	6	7	6

**BASE SHEET ATTACHMENT, SYSTEM W-3:**

Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
B	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4

BASE SHEET ATTACHMENT, SYSTEM W-3:														
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
B	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#5
C	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	N/A
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	N/A

BASE SHEET ATTACHMENT, SYSTEM W-3:														
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
C	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#3	#5
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	N/A	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	N/A	
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	N/A	
D	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	N/A	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#4	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	N/A	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	N/A	N/A	
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	N/A	N/A

BASE SHEET ATTACHMENT, SYSTEM W-3:													
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)									
				110	120	130	140	150	160	170	180	200	
D	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#5
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	N/A	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	N/A	N/A	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	N/A	N/A	
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	N/A
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	N/A	N/A	N/A	

FBC NEMO

**TABLE 5: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**  
 “N/A” INDICATES THE SYSTEM CANNOT BE USED WITHIN THE PRESSURE ZONE.

System No.	Deck <a href="#">(Note 1)</a>	Base Sheet			Roof Cover <a href="#">(Note 15)</a>		MDP (psf)							
		Base	Fasteners <a href="#">(Note 11)</a>	Attachment	Base Ply	Cap Ply								
W-4	Min. 19/32-inch plywood	Flintlastic SA NailBase	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	Pattern #1: 8-inch o.c. at the 2-inch side laps and 8-inch o.c. at three (3) equally spaced center rows		(Optional) SBS-SA	SBS-SA	-60.0						
<b>BASE SHEET ATTACHMENT PATTERN REFERENCES:</b>														
	<b>PATTERN NO:</b>	<b>#1 (AS-LISTED)</b>	<b>#2</b>	<b>#3</b>	<b>#4</b>	<b>#5</b>	<b>#6</b>							
	MIN. LAP WIDTH (inch):	2	2	2	2	2	2							
	MAX. LAP FASTENER SPACING (inch o.c.):	8	7	6	6	4	4							
	MIN. # OF EQUALLY SPACED CENTER ROWS:	3	3	4	5	4	5							
	MAX. CENTER ROW FASTENER SPACING (inch o.c.):	8	7	6	6	4	4							
<b>BASE SHEET ATTACHMENT, SYSTEM W-4:</b>														
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
B	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
				3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
				1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
				15 < h ≤ 20	1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
					2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
					3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3
					1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
				20 < h ≤ 30	1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
					2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
					3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4
			1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)		
		30 < h ≤ 40	1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)		
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2		
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#5		
				#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#5	#5	N/A	

BASE SHEET ATTACHMENT, SYSTEM W-4:														
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
B	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#4	#6	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4	#4	#5	#6	N/A
C	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5		
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#4	#5	#5	#6	#6	N/A	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#4	#6	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#6	#6	N/A	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4	#4	#5	#6	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#4	#5	#5	#6	N/A	N/A		
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4	#5	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	
			3	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#6	N/A	N/A		

BASE SHEET ATTACHMENT, SYSTEM W-4:													
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)									
				110	120	130	140	150	160	170	180	200	
C	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#4
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#4	#6	#6
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#6	N/A	N/A
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#6
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4	#4	#5	#6	N/A	N/A	N/A
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#5	#6	N/A
			3	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#6	N/A	N/A	N/A
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#4	#5
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4	#4	#5	#6	#6	N/A
			3	#1 (AS-LISTED)	#2	#4	#5	#5	#6	N/A	N/A	N/A	N/A
D	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#4	#5	#6	#6
			3	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#6	N/A	N/A	N/A
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#4	#5
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#6	N/A
			3	#1 (AS-LISTED)	#2	#4	#4	#5	#6	N/A	N/A	N/A	N/A
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#4	#5
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4	#4	#5	#6	#6	N/A
			3	#1 (AS-LISTED)	#3	#4	#5	#6	#6	N/A	N/A	N/A	N/A
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#4	#6
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#6	#6	N/A
			3	#2	#3	#4	#5	#6	N/A	N/A	N/A	N/A	N/A

BASE SHEET ATTACHMENT, SYSTEM W-4:													
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)									
				110	120	130	140	150	160	170	180	200	
D	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	N/A	
			3	#1 (AS-LISTED)	#2	#4	#4	#5	#6	N/A	N/A	N/A	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4	#4	#6	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#4	#4	#5	#6	N/A	
			3	#1 (AS-LISTED)	#3	#4	#5	#6	#6	N/A	N/A	N/A	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#6	N/A	
			3	#2	#3	#4	#5	#6	N/A	N/A	N/A	N/A	
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4	#4	#5	#6	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4	#4	#5	#6	N/A	N/A	
			3	#2	#4	#5	#6	#6	N/A	N/A	N/A	N/A	

**TABLE 6: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)**  
**SYSTEM TYPE E-2: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER**  
 “N/A” INDICATES THE SYSTEM CANNOT BE USED WITHIN THE PRESSURE ZONE.

System No.	Deck <a href="#">(Note 1)</a>	Base Sheet			Roof Cover <a href="#">(Note 15)</a>		MDP (psf)
		Base	Fasteners <a href="#">(Note 11)</a>	Attachment	Base Ply and/or Ply	Cap	
W-5	Min. 19/32-inch plywood	Glasbase Base Sheet, Flintlastic Base 20, All Weather / Empire Base Sheet, Flintlastic Poly SMS Base Sheet, Flintlastic Ultra Poly SMS Base Sheet or Flintglas MS Cap (inverted)	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	<u>Pattern #1</u> : 8-inch o.c. at the 4-inch side laps and 8-inch o.c. at three (3) equally spaced center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0

**BASE SHEET ATTACHMENT PATTERN REFERENCES:**

PATTERN NO:	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#7
MIN. LAP WIDTH (inch):	4	4	4	4	4	4	4
MAX. LAP FASTENER SPACING (inch o.c.):	8	7	6	6	6	4	4
MIN. # OF EQUALLY SPACED CENTER ROWS:	3	3	3	4	5	4	5
MAX. CENTER ROW FASTENER SPACING (inch o.c.):	8	7	6	6	6	4	4

**BASE SHEET ATTACHMENT, SYSTEM W-5:**

Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
B	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5		
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#6		
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#5	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	N/A

BASE SHEET ATTACHMENT, SYSTEM W-5:													
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)									
				110	120	130	140	150	160	170	180	200	
B	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#4	#6
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	#7
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	#5	#6	#7
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#4	#5
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7	N/A
C	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#6	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	#6	#7	#7	N/A
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#4
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	#7
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7	#7	N/A
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#4	#5	#6	#7	#7	N/A	N/A
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#5	#6	#7
			3	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7	N/A	N/A	

BASE SHEET ATTACHMENT, SYSTEM W-5:														
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)										
				110	120	130	140	150	160	170	180	200		
C	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#2	#5	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	#7	#7	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7	N/A	N/A	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7	
			3	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#6	#7	N/A	N/A		
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#6	#6	N/A	
			3	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7	N/A	N/A		
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#6	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7	N/A	
			3	#1 (AS-LISTED)	#2	#3	#5	#6	#7	N/A	N/A	N/A		
D	Open	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)		
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	#6	#7		
			3	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7	N/A	N/A		
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5		
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7		
			3	#1 (AS-LISTED)	#2	#3	#5	#6	#7	N/A	N/A	N/A		
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#6		
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#6	#7	#7		
			3	#1 (AS-LISTED)	#3	#4	#5	#7	#7	N/A	N/A	N/A		
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#3	#5	#7	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#5	#7	#7	#7	N/A	
			3	#2	#3	#5	#6	#7	N/A	N/A	N/A	N/A		

BASE SHEET ATTACHMENT, SYSTEM W-5:													
Exposure	Enclosure	Roof Height (ft)	Zone	Ultimate Design Wind Speed – V <sub>ult</sub> (mph)									
				110	120	130	140	150	160	170	180	200	
D	Enclosed	h ≤ 15	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#4	#6	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	N/A	
			3	#1 (AS-LISTED)	#2	#3	#5	#6	#7	N/A	N/A	N/A	
		15 < h ≤ 20	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#7	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3	#3	#5	#6	#7	N/A	
			3	#1 (AS-LISTED)	#3	#4	#5	#7	#7	N/A	N/A	N/A	
		20 < h ≤ 30	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#7	#7	N/A
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	#7	N/A	
			3	#2	#3	#5	#6	#7	N/A	N/A	N/A	N/A	
		30 < h ≤ 40	1 PRIME	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#3
			1	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#5	#7	
			2	#1 (AS-LISTED)	#1 (AS-LISTED)	#2	#3	#5	#6	#7	N/A	N/A	
			3	#2	#3	#5	#7	#7	N/A	N/A	N/A	N/A	