

Registry No. 29824 17520 Edinburgh Drive Tampa, FL 33647 (813) 480-3421

EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: WORTHOUSE INC.

Issued February 26, 2024

321 Mills Road

Waynesboro, GA 30830

(706) 955-4005 www.worthouse.com

Manufacturing: Poland

Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Roofing
Subcategory: Metal Roofing

Code Edition: Florida Building Code, 8th Edition (2023) including High-Velocity Hurricane Zones (HVHZ)

Code Sections: 1504.3.1, 1504.3.2, 1504.6, 1518.9, 1523.6.5.2.4

Properties: Wind Resistance

REFERENCES

Entity	Report No.	Standard	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	BDMT-001-02-01	UL 1897	2015
• , ,		UL 580	2006
		TAS 125	2003
PRI Construction Materials Technologies (TST5878)	BDMT-001-02-02	UL 1897	2015
		UL 580	2006
		TAS 125	2003
PRI Construction Materials Technologies (TST5878)	BDMT-002-02-01	TAS 100	2023
PRI Construction Materials Technologies (TST5878)	BDMT-004-02-01	TAS 100	2023
PRI Construction Materials Technologies (TST5878)	BDMT-005-02-01	ASTM G 155	2013
		TAS 110	2000
PRI Construction Materials Technologies (TST5878)	BDMT-006-02-01	ASTM B 117	2016
		TAS 100	2000
PRI Construction Materials Technologies (TST5878)	1997T0003	UL 1897	2015
		UL 580	2006
		TAS 125	2003
PRI Construction Materials Technologies (TST5878)	1997T0004	UL 1897	2015
		UL 580	2006
		TAS 125	2003
PRI Construction Materials Technologies (TST5878)	1997T0005	UL 1897	2015
		UL 580	2006
		TAS 125	2003
PRI Construction Materials Technologies (TST5878)	1997T0009	UL 1897	2015
		UL 580	2006
		TAS 125	2003
PRI Construction Materials Technologies (TST5878)	1997T0011	UL 1897	2015
		UL 580	2006
		TAS 125	2003
PRI Construction Materials Technologies (TST5878)	1997T0012	UL 1897	2015
		UL 580	2006
		TAS 125	2003

WHI16001.6 FL21544-R7 Page 1 of 19

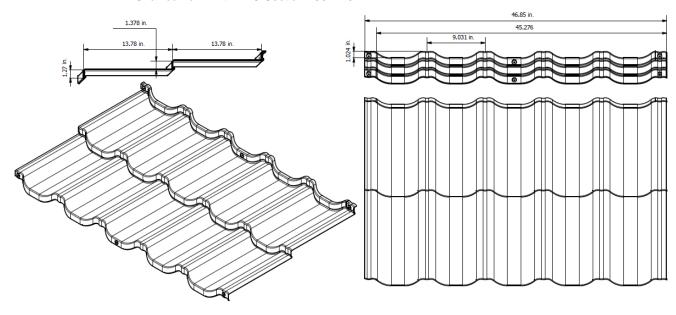


PRODUCT DESCRIPTIONS

Panel: Supre Panel

Description: Through fastened preformed panels; Maximum 45.28-inch coverage **Material:** Minimum 26 ga. D-MATT coated ASTM A653 steel (F_V = min. 50 ksi);

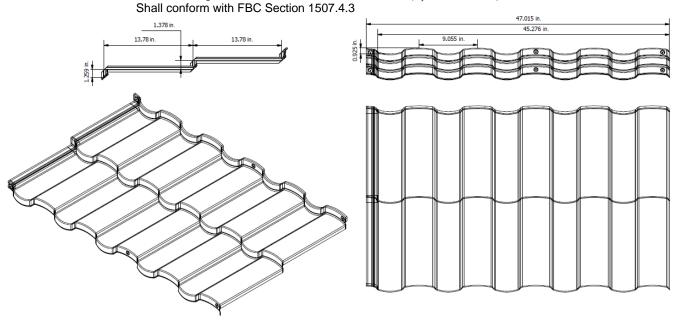
Shall conform with FBC Section 1507.4.3



Supre Panel Dimensions

Panel: Dura Panel

Description: Through fastened preformed panels; Maximum 45.28-inch coverage **Material:** Minimum 26 ga. D-MATT coated ASTM A653 steel ($F_y = min. 50 ksi$);



Dura Panel Dimensions

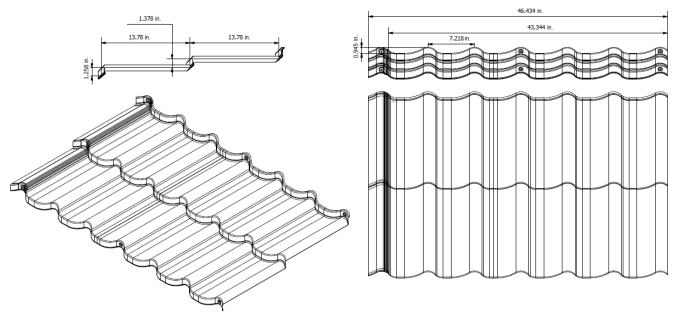
WHI16001.6 FL21544-R7 Page 2 of 19



Panel: Eura Panel

Description: Through fastened preformed panels; Maximum 43.34-inch coverage **Material:** Minimum 26 ga. D-MATT coated ASTM A653 steel ($F_y = min. 50 ksi$);

Shall conform with FBC Section 1507.4.3

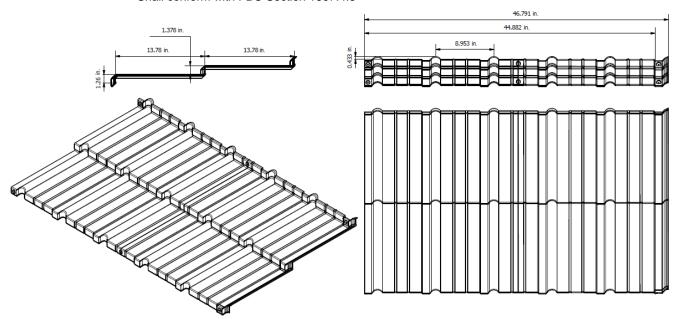


Eura Panel Dimensions

Panel: Ulta Panel

Description: Through fastened preformed panels; Maximum 44.88-inch coverage **Material:** Minimum 26 ga. D-MATT coated ASTM A653 steel ($F_y = min. 50 ksi$);

Shall conform with FBC Section 1507.4.3



Ulta Panel Dimensions

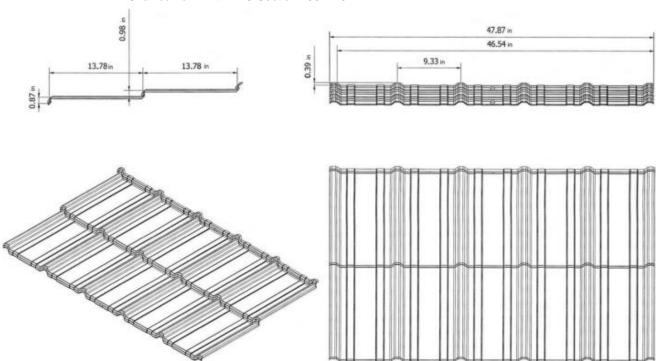
WHI16001.6 FL21544-R7 Page 3 of 19



Panel: Como Panel

Description: Through fastened preformed panels; Maximum 46.54-inch coverage **Material:** Minimum 26 ga. D-MATT coated ASTM A653 steel ($F_y = min. 40 ksi$);

Shall conform with FBC Section 1507.4.3



Como Panel Dimensions



APPROVED ASSEMBLIES

Roof Deck: Solid or closely fitted min. 15/32-inch, 32/16 span rated, 4-ply, CDX plywood sheathing for new and existing construction at max. 24-inch span; In the HVHZ, new construction shall be min. 19/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by others in accordance with FBC requirements. Installed in accordance with the FBC. In the HVHZ, at the rake and eave, underlayment shall be wrapped over the eave and down the fascia prior to installing the drip edge metal. In the HVHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous 3/4-inch wide bead of approved sealant. See Appendix A for fastening patterns; 4.8mm x 35mm HWH screws with 14 mm O.D. sealing washers attached at a rate of "10 screws per panel" for Supre, Dura and Ulta Panels or "12 screws per panel" for Eura Panel; Panel laps stitched with 4.8mm x 19mm HWH screws with 14mm O.D. sealing washers at the preformed locations; Fasteners shall penetrate the deck a minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 1506.6. Maximum Design Action Design Solid or closely fitted min. 15/32-inch, 32/16 span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, new construction shall be min. 19/32-inch span; In the HVHZ, at the rake and eave, underlayment shall be min. 19/32-inch span; In the HVHZ, at the rake and eave, underlayment shall be min	System 1A	\: Dire	ect-t	o-Deck fo	or Supre,	Dura, Ult	a and Eu	ra Panels	3					
And existing construction at max. 24-inch span; In the HVHZ, new construction shall be min. 19/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by others in accordance with FBC requirements. Underlayment: Installed in accordance with the FBC. In the HVHZ, at the rake and eave, underlayment shall be wrapped over the eave and down the fascia prior to installing the drip edge metal. In the HVHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous 3/4-inch wide bead of approved sealant. See Appendix A for fastening patterns; 4.8mm x 35mm HWH screws with 14 mm O.D. sealing washers attached at a rate of "10 screws per panel" for Supre, Dura and Ulta Panels or "12 screws per panel" for Eura Panel; Panel laps stitched with 4.8mm x 19mm HWH screws with 14mm O.D. sealing washers at the preformed locations; Fasteners shall penetrate the deck a minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 1506.6. Maximum Design Pressures: Fassil Fa	Slope:		Sha	t-to-Deck for Supre, Dura, Ulta and Eura Panels Shall be in accordance with the FBC.										
Underlayment: be wrapped over the eave and down the fascia prior to installing the drip edge metal. In the HVHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous 3/4-inch wide bead of approved sealant. Attachment: See Appendix A for fastening patterns; 4.8mm x 35mm HWH screws with 14 mm O.D. sealing washers attached at a rate of "10 screws per panel" for Supre, Dura and Ulta Panels or "12 screws per panel" for Eura Panel; Panel laps stitched with 4.8mm x 19mm HWH screws with 14mm O.D. sealing washers at the preformed locations; Fasteners shall penetrate the deck a minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 1506.6. Maximum Design Pressures: Maximum Mean Roof Heights Slopes 2:12 – 12:12 Exposure Maximum Mean Roof Heights Slopes 2:12 – 12:12 Exposure Maximum Mean Roof Heights Slopes 2:12 – 12:12 Exposure Slopes 2:12 – 12:12 Exposure Slopes 2:12 – 12:12 Exposure Slopes 60 ft 70 ft 70 180 190 200 Exposure Slopes 60 ft 60 ft 60 ft 60 ft 60 ft 70 ft 70 180 190 200 Exposure Slopes 60 ft 60 ft 60 ft 70 ft 70 180 190 200 Exposure B 60 ft 60 ft 60 ft 70 ft 70 ft 70 180 190 200 <td>Roof Deck:</td> <td></td> <td>and 19/3</td> <td colspan="10">and existing construction at max. 24-inch span; In the HVHZ, new construction shall be mir 19/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by others i</td>	Roof Deck:		and 19/3	and existing construction at max. 24-inch span; In the HVHZ, new construction shall be mir 19/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by others i										
Attachment: washers attached at a rate of "10 screws per panel" for Supre, Dura and Ulta Panels or "12 screws per panel" for Eura Panel; Panel laps stitched with 4.8mm x 19mm HWH screws with 14mm O.D. sealing washers at the preformed locations; Fasteners shall penetrate the deck a minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 1506.6. Maximum Design Pressures: Fressure calculated using 2:1 margin of safety per 1504.9 Maximum Mean Roof Heights	Underlaymen	t:	be '	be wrapped over the eave and down the fascia prior to installing the drip edge metal. In the HVHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous 3,										
Pressures:	Attachment:		was scr 14n min	washers attached at a rate of "10 screws per panel" for Supre, Dura and Ulta Panels or "screws per panel" for Eura Panel; Panel laps stitched with 4.8mm x 19mm HWH screws with 14mm O.D. sealing washers at the preformed locations; Fasteners shall penetrate the deck minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 at										
Slopes 2:12 – 12:12 Exposure Basic Wind Speed (mph) Zone 1 for Gable/Hip Roofs B 60 ft 60 ft 60 ft 60 ft 57 ft 37 ft 25 ft 17 ft C 60 ft 60 ft 42 ft 22 ft NA NA NA NA D 60 ft 60 ft 36 ft 16 ft NA NA NA NA B 60 ft 60 ft 36 ft 16 ft NA NA NA NA C 60 ft 60 ft 52 ft 32 ft 20 ft NA NA NA B 60 ft 44 ft 21 ft NA NA NA NA NA D 43 ft 17 ft NA NA NA NA NA NA Zone 3 for Gable Roofs B 60 ft 54 ft 31 ft 18 ft NA NA NA NA C	Maximum De Pressures:	sign	-67	.5 psf Press	ure calculated	d using 2:1 m	argin of safety	y per 1504.9						
Exposure ≤120 130 140 150 160 170 180 190 200 Zone 1 for Gable/Hip Roofs B 60 ft 60 ft 60 ft 57 ft 37 ft 25 ft 17 ft C 60 ft 60 ft 60 ft 42 ft 22 ft NA NA NA NA D 60 ft 60 ft 36 ft 16 ft NA NA NA NA NA Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs B 60 ft 60 ft 52 ft 32 ft 20 ft NA NA NA C 60 ft 44 ft 21 ft NA NA NA NA NA NA D 43 ft 17 ft NA NA NA NA NA NA Zone 3 for Gable Roofs B 60 ft 54 ft 31 ft 18 ft NA NA NA NA C								its						
Second	F					Basic \	Vind Speed	(mph)						
B 60 ft 60 ft 60 ft 60 ft 60 ft 57 ft 37 ft 25 ft 17 ft C 60 ft 60 ft 60 ft 42 ft 22 ft NA NA NA NA NA D 60 ft 60 ft 36 ft 16 ft NA NA NA NA NA Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs B 60 ft 60 ft 60 ft 52 ft 32 ft 20 ft NA NA NA NA C 60 ft 44 ft 21 ft NA NA NA NA NA NA NA NA D 43 ft 17 ft NA NA NA NA NA NA NA NA NA Zone 3 for Gable Roofs B 60 ft 54 ft 31 ft 18 ft NA NA NA NA NA NA NA C 25 ft NA NA NA NA NA NA NA NA NA	Exposure	≤12	20	130	140	150	160	170	180	190	200			
C 60 ft 60 ft 42 ft 22 ft NA NA NA NA D 60 ft 60 ft 36 ft 16 ft NA NA NA NA Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs B 60 ft 60 ft 52 ft 32 ft 20 ft NA NA NA C 60 ft 44 ft 21 ft NA NA NA NA NA NA D 43 ft 17 ft NA NA NA NA NA NA Zone 3 for Gable Roofs B 60 ft 54 ft 31 ft 18 ft NA NA NA NA NA C 25 ft NA NA NA NA NA NA NA					Zon	e 1 for Gab	e/Hip Roofs							
D 60 ft 60 ft 36 ft 16 ft NA NA NA NA NA Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs B 60 ft 60 ft 52 ft 32 ft 20 ft NA NA NA C 60 ft 44 ft 21 ft NA NA NA NA NA NA D 43 ft 17 ft NA NA NA NA NA NA Zone 3 for Gable Roofs B 60 ft 54 ft 31 ft 18 ft NA NA NA NA NA C 25 ft NA NA NA NA NA NA NA	В	60	ft	60 ft	60 ft	60 ft	60 ft	57 ft	37 ft	25 ft	17 ft			
Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs	С	60	ft	60 ft		42 ft	22 ft	NA	NA	NA	NA			
B 60 ft 60 ft 52 ft 32 ft 20 ft NA NA NA C 60 ft 44 ft 21 ft NA	D	60	ft	60 ft	36 ft	16 ft	NA	NA	NA	NA	NA			
C 60 ft 44 ft 21 ft NA				Zone	2 for Gable	Roofs and 2	Zones 2 & 3	for Hip Roo	ofs					
D 43 ft 17 ft NA NA <t< td=""><td>В</td><td>60</td><td>ft</td><td>60 ft</td><td>60 ft</td><td>52 ft</td><td>32 ft</td><td>20 ft</td><td>NA</td><td>NA</td><td>NA</td></t<>	В	60	ft	60 ft	60 ft	52 ft	32 ft	20 ft	NA	NA	NA			
Zone 3 for Gable Roofs B 60 ft 54 ft 31 ft 18 ft NA NA NA NA NA NA C 25 ft NA NA NA NA NA NA NA N	С	60	ft	44 ft	21 ft	NA	NA	NA	NA	NA	NA			
B 60 ft 54 ft 31 ft 18 ft NA NA NA NA NA C 25 ft NA NA NA NA NA NA NA	D										NA			
C 25 ft NA NA NA NA NA NA NA	Zone 3 for Gable Roofs													
	В	60	ft	54 ft	31 ft	18 ft	NA	NA	NA	NA	NA			
D NA NA NA NA NA NA NA NA	С	25	ft	NA	NA	NA	NA	NA	NA	NA	NA			
	D	N/	١	NA	NA	NA	NA	NA	NA	NA	NA			

Notes: 1) Exposure category for the structure location shall be as defined in the Florida Building Code 2) Limitations are based on an effective wind area of 10ft^2 or less 3) Topographic factors such as escarpments or hills are not included in the above assessment 4) Applicable for Enclosed Buildings without overhangs 5) NA = "Not Allowed" 6) $K_d = 0.85$ 7) $K_e = 1.0$ 8) Projects with mean roof heights of greater than 60 ft shall be evaluated by a licensed design professional 9) See page 18 for details for dimensions and locales of Zone 1, 2, and 3 10) V_{ult} is shown in the tables above. Design wind loads are calculated using $V_{asd} = V_{ult} \sqrt{0.6}$ per 1609.3.1.

WHI16001.6 FL21544-R7 Page 5 of 19



System 1B: Dire	ect-to-Deck f	or Supre,	Dura, Ult	a and Eu	ra Panels	3					
Slope:	Shall be in acc	Shall be in accordance with the FBC.									
Roof Deck:	and existing of 19/32-inch, 40	Solid or closely fitted min. 15/32-inch, 32/16 span rated, 4-ply, CDX plywood sheathing for and existing construction at max. 24-inch span; In the HVHZ, new construction shall be 19/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by other accordance with FBC requirements.									
Underlayment:	underlayment edge metal. I	istalled in accordance with the FBC Section. In the HVHZ, at the rake and earnderlayment shall be wrapped over the eave and down the fascia prior to installing the dge metal. In the HVHZ, the valley pan shall be sealed to the underlayment on each e ith a continuous 3/4-inch wide bead of approved sealant.									
Attachment:	washers attack screws per po 14mm O.D. se minimum 3/8- 1506.6.	tee Appendix A for fastening patterns; 4.8mm x 35mm HWH screws with 14 mm O.D. seal vashers attached at a rate of "20 screws per panel" for Supre, Dura and Ulta Panel or crews per panel" for Eura Panel; Panel laps stitched with 4.8mm x 19mm HWH screws w 4mm O.D. sealing washers at the preformed locations. Fasteners shall penetrate the declarinimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 a 506.6.									
Maximum Design	-97.5 psf	- 4 d · · - i · · O · d		-h 1504	0						
Pressures:	Pressure calcula										
			Slopes 2:12	Roof Heigh - 12:12	ts						
F			Basic \	Vind Speed	(mph)						
Exposure ≤12	20 130	140	150	160	170	180	190	200			
		Zon	e 1 for Gab	e/Hip Roofs							
B 60	ft 60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft			
C 60	ft 60 ft	60 ft	60 ft	60 ft	60 ft	43 ft	25 ft	15 ft			
D 60	ft 60 ft	60 ft	60 ft	60 ft	32 ft	16 ft	NA	NA			
	Zone	2 for Gable	Roofs and 2	Zones 2 & 3	for Hip Roo	ofs					
B 60	ft 60 ft	60 ft	60 ft	60 ft	60 ft	52 ft	35 ft	23 ft			
C 60	ft 60 ft	60 ft	60 ft	35 ft	19 ft	NA	NA	NA			
D 60	ft 60 ft	60 ft	27 ft	NA	NA	NA	NA	NA			
		Z	one 3 for Ga	ble Roofs							
B 60	ft 60 ft	60 ft	60 ft	45 ft	29 ft	18 ft	NA	NA			
C 60	ft 60 ft	34 ft	17 ft	NA	NA	NA	NA	NA			
D 60	ft 30 ft	NA	NA	NA	NA	NA	NA	NA			

WHI16001.6 FL21544-R7 Page 6 of 19



System 1C: Dire	ect-to-Deck	for Supre,	Dura, Ult	a and Eu	ra Panels	5					
Slope:	Shall be in ac	shall be in accordance with the FBC.									
Roof Deck:	and existing of 19/32-inch, 4	Solid or closely fitted min. 15/32-inch, 32/16 span rated, 4-ply, CDX plywood sheathing for nearly and existing construction at max. 24-inch span; In the HVHZ, new construction shall be mine 9/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by others accordance with FBC requirements.									
Underlayment:	be wrapped of HVHZ, the va	istalled in accordance with the FBC. In the HVHZ, at the rake and eave, underlayment shall be wrapped over the eave and down the fascia prior to installing the drip edge metal. In the VHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous 3/4 ch wide bead of a pproved sealant.									
Attachment:	Hi-Lo threade Panels or "12 SteelZIP SCA	see Appendix A for fastening patterns; #10 x min. 1.5-inch WoodZIP SCAMP CHWH 304SS -Lo threaded screws attached at a rate of "10 screws per panel" for Supre, Dura and Ultranels or "12 screws per panel" for Eura Panel; Panel laps stitched with 1/4"-14 x 7/8-incle eelZIP SCAMP stitch screws at the preformed locations; Fasteners shall penetrate the deck a inimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 506.6.									
Maximum Design	-89.75 psf										
Pressures:	Pressure calcu			· ·							
			num Mean Slopes 2:12	Roof Heigh - 12:12	ts						
F			Basic \	Vind Speed	(mph)						
Exposure ≤12	0 130	140	150	160	170	180	190	200			
		Zon	e 1 for Gabl	e/Hip Roofs							
B 601	ft 60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	49 ft			
C 601	ft 60 ft	60 ft	60 ft	60 ft	50 ft	28 ft	17 ft	NA			
D 601	ft 60 ft	60 ft	60 ft	40 ft	20 ft	NA	NA	NA			
	Zon	e 2 for Gable	Roofs and 2	Zones 2 & 3	for Hip Roo	ofs					
B 601	Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs ft 60 ft 60 ft 60 ft 59 ft 38 ft 25 ft 17 ft										
C 601	ft 60 ft	60 ft	60 ft	60 ft	59 ft	38 ft	25 ft	17 ft			
0		60 ft 60 ft	60 ft 44 ft	60 ft 23 ft	59 ft NA	38 ft NA	25 ft NA	17 ft NA			
D 601	ft 60 ft	_									
	ft 60 ft	60 ft 38 ft	44 ft	23 ft NA	NA	NA	NA	NA			
	ft 60 ft ft 60 ft	60 ft 38 ft	44 ft 17 ft	23 ft NA	NA	NA	NA	NA			
D 601	ft 60 ft ft 60 ft ft 60 ft	60 ft 38 ft	44 ft 17 ft one 3 for Ga	23 ft NA ble Roofs	NA NA	NA NA	NA NA	NA NA			

WHI16001.6 FL21544-R7 Page 7 of 19



Slope: Shall be in accordance with the FBC.										
Roof Deck: Solid or closely fitted min. 15/32-inch, 32/16 span rated, 4-ply, CDX plywood sheathing f and existing construction at max. 24-inch span; In the HVHZ, new construction shall be 19/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by oth accordance with FBC requirements.	e min.									
Underlayment: Installed in accordance with the FBC Section. In the HVHZ, at the rake and underlayment shall be wrapped over the eave and down the fascia prior to installing the edge metal. In the HVHZ, the valley pan shall be sealed to the underlayment on each with a continuous 3/4-inch wide bead of approved sealant.	he drip									
Attachment: See Appendix A for fastening patterns; #10 x min. 1.5-inch WoodZIP SCAMP CHWH 3 Hi-Lo threaded screws attached at a rate of "20 screws per panel" for Supre, Dura are Panel or "24 screws per panel" for Eura Panel; Panel laps stitched with 1/4"-14 x 7 SteelZIP SCAMP stitch screws at the preformed locations. Fasteners shall penetrate the minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4 1506.6.	nd Ulta /8-inch deck a									
Maximum Design -191 psf										
Pressures: Pressure calculated using 2:1 margin of safety per 1504.9										
Maximum Mean Roof Heights Slopes 2:12 – 12:12										
Basic Wind Speed (mph)										
Exposure ≤120 130 140 150 160 170 180 190	200									
Zone 1 for Gable/Hip Roofs										
B 60 ft	60 ft									
C 60 ft	60 ft									
D 60 ft	60 ft									
Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs										
B 60 ft	60 ft									
C 60 ft	60 ft									
D 60 ft	48 ft									
Zone 3 for Gable Roofs										
B 60 ft										
	28 ft									

WHI16001.6 FL21544-R7 Page 8 of 19



System 1E: Direct-to-Deck for Supre, Dura, Ulta and Eura Panels											
Slope:		Sha	Shall be in accordance with the FBC.								
Roof Deck:		and	solid or closely fitted min. 19/32-inch, 40/20 span rated, 4-ply, CDX plywood sheathing for new nd existing construction at max. 24-inch span; Designed by others in accordance with FBC equirements.								
Underlaymen	t:	be v	installed in accordance with the FBC. In the HVHZ, at the rake and eave, underlayment shall be wrapped over the eave and down the fascia prior to installing the drip edge metal. In the VHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous 3/4 such wide bead of approved sealant.								
Attachment:		Hi-L Par Stee min	ee Appendix A for fastening patterns; #12 x min. 1.5-inch WoodZip SCAMP CHWH 304SS, i-Lo threaded screws attached at a rate of "10 screws per panel" for Supre, Dura and Ulta anel or "12 screws per panel" for Eura Panel; Panel laps stitched with 1/4"-14 x 7/8-inch deelZIP SCAMP stitch screws at the preformed locations. Fasteners shall penetrate the deck a inimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 506.6.								
Maximum De	sign	-101 psf									
Pressures:		Pres	ssure calcula	ted using 2:1			9				
					laximum M Slopes 2:12						
- Fyn o gyrro					Basic \	Vind Speed	(mph)				
Exposure	≤12	20	130	140	150	160	170	180	190	200	
				Zon	e 1 for Gabl	e/Hip Roofs					
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	
С	60		60 ft	60 ft	60 ft	60 ft	60 ft	51 ft	30 ft	18 ft	
D	60	ft	60 ft	60 ft	60 ft	60 ft	40 ft	20 ft	NA	NA	
			Zone	2 for Gable	Roofs and 2	Zones 2 & 3	for Hip Roc	ofs			
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	40 ft	27 ft	
С	60	Oft 60 ft 60 ft 60 ft 41 ft 23 ft NA NA NA									
D	60	60 ft 60 ft 60 ft 34 ft 16 ft NA NA NA NA								NA	
				Z	one 3 for Ga	ble Roofs					
В	60	ft	60 ft	60 ft	60 ft	52 ft	33 ft	21 ft	NA	NA	
С	60	ft	60 ft	40 ft	20 ft	NA	NA	NA	NA	NA	
D	60	ft	37 ft	15 ft	NA	NA	NA	NA	NA	NA	

WHI16001.6 FL21544-R7 Page 9 of 19



System 1F: Direct-to-Deck for Supre, Dura, Ulta and Eura Panels												
Slope:		Sha	Shall be in accordance with the FBC.									
Roof Deck:		and	Solid or closely fitted min. 19/32-inch, 40/20 span rated, 4-ply, CDX plywood sheathing for new nd existing construction at max. 24-inch span; Designed by others in accordance with FBC equirements.									
Underlaymen	t:	be '	nstalled in accordance with the FBC. In the HVHZ, at the rake and eave, underlayment shat we wrapped over the eave and down the fascia prior to installing the drip edge metal. In the IVHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous 3/4 such wide bead of approved sealant.									
Attachment:		Hi-L Par Ste min	ee Appendix A for fastening patterns; #12 x min. 1.5-inch WoodZip SCAMP CHWH 304SS, -Lo threaded screws attached at a rate of "20 screws per panel" for Supre, Dura and Ulta anel or "24 screws per panel" for Eura Panel; Panel laps stitched with 1/4"-14 x 7/8-inch eelZIP SCAMP stitch screws at the preformed locations. Fasteners shall penetrate the deck a inimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 506.6.									
Maximum De	sign	-176 psf										
Pressures:		Pres	ssure calcula	ted using 2:1			9					
					laximum M Slopes 2:12							
Evaceuro					Basic \	Vind Speed	(mph)					
Exposure	≤12	20	130	140	150	160	170	180	190	200		
				Zon	e 1 for Gabl	e/Hip Roofs						
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft		
С	60		60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft		
D	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft		
			Zone	2 for Gable	Roofs and 2	Zones 2 & 3	for Hip Roc	ofs				
В	60		60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft		
С	60	0 ft 60 ft										
D	60	0 ft 60 ft 60 ft 60 ft 60 ft 60 ft 54 ft 30 ft								30 ft		
				Z	one 3 for Ga	ble Roofs						
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft		
С	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	52 ft	31 ft	18 ft		
D	60	ft	60 ft	60 ft	60 ft	60 ft	41 ft	21 ft	NA	NA		

WHI16001.6 FL21544-R7 Page 10 of 19



Slope: Shall be in accordance with the FBC. Solid or closely fitted min. 15/32-inch, 32/16 span rated, 4-ply, CDX plywood sheathing for net and existing construction at max. 24-inch span; In the HVHZ, new construction shall be min 19/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by others in accordance with FBC requirements. Installed in accordance with the FBC. In the HVHZ, at the rake and eave, underlayment shall be wrapped over the eave and down the fascial prior to installing the drip edge metal. In the HVHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous 3/4 inch wide bead of approved sealant. See Appendix A for fastening patterns; #12 x min. 1.5-inch WoodZip SCAMP CHWH 304SS Hi-Lo threaded screws attached at a rate of "10 screws per panel"; Panel laps stitched with 1/4"-14 x 7/8-inch SteelZIP SCAMP stitch screws, (3) screws placed at each side lap and (4 additional screws placed at the head lap in the designated locations; Fasteners shall penetrate the deck a minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 1506.6. Maximum Design Pressure calculated using 2:1 margin of safety per 1504.9 Maximum Mean Roof Heights Slopes 2:12 – 12:12 Basic Wind Speed (mph)
and existing construction at max. 24-inch span; In the HVHZ, new construction shall be mir 19/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by others is accordance with FBC requirements. Underlayment: Installed in accordance with the FBC. In the HVHZ, at the rake and eave, underlayment shall be wrapped over the eave and down the fascia prior to installing the drip edge metal. In the HVHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous 3/4 inch wide bead of approved sealant. See Appendix A for fastening patterns; #12 x min. 1.5-inch WoodZip SCAMP CHWH 304SS Hi-Lo threaded screws attached at a rate of "10 screws per panel"; Panel laps stitched wit 1/4"-14 x 7/8-inch SteelZIP SCAMP stitch screws, (3) screws placed at each side lap and (4 additional screws placed at the head lap in the designated locations; Fasteners shall penetrat the deck a minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 1506.6. Maximum Design Pressures: Maximum Mean Roof Heights Slopes 2:12 – 12:12
Dunderlayment: Description of the device and down the fascia prior to installing the drip edge metal. In the HVHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous 3/4 inch wide bead of approved sealant. See Appendix A for fastening patterns; #12 x min. 1.5-inch WoodZip SCAMP CHWH 304SS Hi-Lo threaded screws attached at a rate of "10 screws per panel"; Panel laps stitched with 1/4"-14 x 7/8-inch SteelZIP SCAMP stitch screws, (3) screws placed at each side lap and (4 additional screws placed at the head lap in the designated locations; Fasteners shall penetrate the deck a minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 1506.6. Maximum Design Pressures: Pressure calculated using 2:1 margin of safety per 1504.9
Attachment: Hi-Lo threaded screws attached at a rate of "10 screws per panel"; Panel laps stitched wit 1/4"-14 x 7/8-inch SteelZIP SCAMP stitch screws, (3) screws placed at each side lap and (4 additional screws placed at the head lap in the designated locations; Fasteners shall penetrat the deck a minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 1506.6. Maximum Design Pressures: -93.5 psf Pressure calculated using 2:1 margin of safety per 1504.9 Maximum Mean Roof Heights Slopes 2:12 – 12:12
Pressures: Pressure calculated using 2:1 margin of safety per 1504.9 Maximum Mean Roof Heights Slopes 2:12 – 12:12
Slopes 2:12 – 12:12
Rasic Wind Speed (mph)
Dasic Willu Speed (IIIpi)
Exposure ≤120 130 140 150 160 170 180 190 200
Zone 1 for Gable/Hip Roofs
B 60 ft 58 ft
C 60 ft 60 ft 60 ft 60 ft 60 ft 60 ft 35 ft 20 ft NA
D 60 ft 60 ft 60 ft 60 ft 51 ft 25 ft NA NA NA
Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs
B 60 ft 60 ft 60 ft 60 ft 60 ft 60 ft 45 ft 30 ft 20 ft
C 60 ft 60 ft 60 ft 54 ft 28 ft 15 ft NA NA NA
D 60 ft 60 ft 48 ft 21 ft NA NA NA NA NA
Zone 3 for Gable Roofs
B 60 ft 60 ft 60 ft 60 ft 39 ft 24 ft 16 ft NA NA
C 60 ft 58 ft 28 ft NA NA NA NA NA NA
D 59 ft 23 ft NA NA NA NA NA NA NA

WHI16001.6 FL21544-R7 Page 11 of 19



System 1H: [Direct-	to-Deck fo	or Como	Panel							
Slope:	Sh	Shall be in accordance with the FBC.									
Roof Deck:	an 19	Solid or closely fitted min. 15/32-inch, 32/16 span rated, 4-ply, CDX plywood sheathing for and existing construction at max. 24-inch span; In the HVHZ, new construction shall be 19/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by other accordance with FBC requirements.									
Underlayment:	be HV	Installed in accordance with the FBC. In the HVHZ, at the rake and eave, underlaymed be wrapped over the eave and down the fascia prior to installing the drip edge metal. HVHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous inch wide bead of approved sealant.									
Attachment:	Hi- 1/4 add the	See Appendix A for fastening patterns; #12 x min. 1.5-inch WoodZip SCAMP CHWH 30 Hi-Lo threaded screws attached at a rate of "20 screws per panel"; Panel laps stitched 1/4"-14 x 7/8-inch SteelZIP SCAMP stitch screws, (3) screws placed at each side lap are additional screws placed at the head lap in the designated locations; Fasteners shall pend the deck a minimum 3/8-inch and shall be corrosion resistant in accordance with set 1507.4.4 and 1506.6.									
Maximum Design		l6 psf	tod voing 0:1	margin of oot	ioh (por 1501	0					
Pressures:	PIE	essure calcula									
				num Mean Slopes 2:12	Roof Heigh - 12:12	its					
_				Basic \	Vind Speed	(mph)					
Exposure	≤120	130	140	150	160	170	180	190	200		
•			Zon	e 1 for Gabl	e/Hip Roofs						
В	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft		
С	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft		
D	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	51 ft		
		Zone	2 for Gable	Roofs and 2	Zones 2 & 3	for Hip Roo	ofs				
В	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft		
С	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	47 ft	28 ft		
D 60 ft 60 ft 60 ft 60 ft 60 ft 60 ft 34 ft 18 ft N								NA			
Zone 3 for Gable Roofs											
B 60 ft 57 ft 39 ft									39 ft		
С	60 ft	60 ft	60 ft	60 ft	60 ft	37 ft	21 ft	NA	NA		
D	60 ft	60 ft	60 ft	59 ft	28 ft	NA	NA	NA	NA		

WHI16001.6 FL21544-R7 Page 12 of 19



System 11:	Dire	ct-tc	Deck fo	r Como P	anel							
Slope:		Sha	Shall be in accordance with the FBC.									
Roof Deck:		and	Solid or closely fitted min. 19/32-inch, 40/20 span rated, 4-ply, CDX plywood sheathing for neand existing construction at max. 24-inch span; Designed by others in accordance with FB requirements.									
Underlaymen	t:	be '	Installed in accordance with the FBC. In the HVHZ, at the rake and eave, underlayment be wrapped over the eave and down the fascia prior to installing the drip edge metal. HVHZ, the valley pan shall be sealed to the underlayment on each edge with a continuou inch wide bead of approved sealant.									
Attachment:		Hi-L 1/4' add the	See Appendix A for fastening patterns; #12 x min. 1.5-inch WoodZip SCAMP CHWH 304S Hi-Lo threaded screws attached at a rate of "10 screws per panel"; Panel laps stitched w 1/4"-14 x 7/8-inch SteelZIP SCAMP stitch screws, (3) screws placed at each side lap and (additional screws placed at the head lap in the designated locations; Fasteners shall penetrate deck a minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 1506.6.									
Maximum De	sign		3.5 psf									
Pressures:		Pres	ssure calcula	ted using 2:1								
					num Mean Slopes 2:12		ts					
F.//2 / / /					Basic \	Vind Speed	(mph)					
Exposure	≤12	20	130	140	150	160	170	180	190	200		
				Zon	e 1 for Gabl	e/Hip Roofs						
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft		
С	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	49 ft		
D	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	35 ft	19 ft		
			Zone	2 for Gable	Roofs and 2	Zones 2 & 3	for Hip Roo	ofs				
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	57 ft		
С	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	35 ft	20 ft	NA		
D	D 60 ft 60 ft 60 ft 60 ft 51 ft 25 ft NA NA NA									NA		
				Z	one 3 for Ga	ble Roofs						
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	46 ft	30 ft	20 ft		
С	60	ft	60 ft	60 ft	55 ft	29 ft	16 ft	NA	NA	NA		
D	60	ft	60 ft	50 ft	22 ft	NA	NA	NA	NA	NA		

WHI16001.6 FL21544-R7 Page 13 of 19



System 1J	: Dire	ect-t	o-Deck fo	r Como I	Panel						
Slope:		Sha	Shall be in accordance with the FBC.								
Roof Deck:		and	Solid or closely fitted min. 19/32-inch, 40/20 span rated, 4-ply, CDX plywood sheathing for new and existing construction at max. 24-inch span; Designed by others in accordance with FBC equirements.								
Underlaymen	t:	be '	nstalled in accordance with the FBC. In the HVHZ, at the rake and eave, underlayment specified over the eave and down the fascia prior to installing the drip edge metal. In HVHZ, the valley pan shall be sealed to the underlayment on each edge with a continuous nch wide bead of approved sealant.								
Attachment:		Hi-L 1/4' add the	See Appendix A for fastening patterns; #12 x min. 1.5-inch WoodZip SCAMP CHWH 304SS di-Lo threaded screws attached at a rate of "20 screws per panel"; Panel laps stitched wit /4"-14 x 7/8-inch SteelZIP SCAMP stitch screws, (3) screws placed at each side lap and (4 dditional screws placed at the head lap in the designated locations; Fasteners shall penetratine deck a minimum 3/8-inch and shall be corrosion resistant in accordance with sectio 507.4.4 and 1506.6.								
Maximum De	sign	-19 ⁻	1 psf								
Pressures:		Pres	ssure calcula	ted using 2:1	margin of saf	ety per 1504.	9				
					num Mean Slopes 2:12		its				
					Basic \	Vind Speed	(mph)				
Exposure	≤12	20	130	140	150	160	170	180	190	200	
				Zon	e 1 for Gabl	e/Hip Roofs					
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	
С	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	
D	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	
			Zone	2 for Gable	Roofs and 2	Zones 2 & 3	for Hip Roo	ofs			
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	
С	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	
D	O 60 ft 48 ft									48 ft	
				Z	one 3 for Ga	ble Roofs					
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	
С	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	46 ft	28 ft	
D	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	34 ft	18 ft	NA	

WHI16001.6 FL21544-R7 Page 14 of 19



System 2A	: Bat	ten/	Counter	Batten fo	r Supre, I	Dura, Ulta	and Eur	a Panels					
Slope:		Sha	en/Counter Batten for Supre, Dura, Ulta and Eura Panels Shall be in accordance with the FBC.										
Roof Deck:		and 19/3	Solid or closely fitted min. 15/32-inch, 32/16 span rated, 4-ply, CDX plywood sheathing for new nd existing construction at max. 24-inch span; In the HVHZ, new construction shall be min 9/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by others in ccordance with FBC requirements.										
Underlaymen	t:		nstalled in accordance with the FBC. In the HVHZ, at the rake and eave, underlayme be wrapped over the eave and down the fascia prior to installing the drip edge metal.										
Counter Batte	en:		1x4 No. 2 SYP lumber laid maximum 24-inch o.c. over the plywood deck trusses/raf										
Batten:		3.5-	x4 No. 2 SYP lumber installed 14-inch o.c. and perpendicular to the counter batten. To 5-inch x #10 stainless steel deck screws installed at each batten/counter batten interserving plywood deck into the wood trusses/rafters.										
Attachment:		See Appendix A for fastening patterns; 4.8mm x 35mm HWH screws with 14 mm O.D. s washers attached at a rate of "5 screws per panel" for Supre, Dura and Ulta Panels screws per panel" for Eura Panel; Panel laps stitched with 4.8mm x 19mm HWH screw 14mm O.D. sealing washers at the preformed locations. Fasteners shall penetrate the minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4. section 1506.6.											
Maximum De Pressures:	sıgn		6.25 psf ssure calcula:	ted usina 2:1	margin of sat	etv per 1504	9						
1.0000.001					num Mean Slopes 2:12	Roof Heigh							
- Fyn coure					Basic \	Vind Speed	(mph)						
Exposure	≤12	20	130	140	150	160	170	180	190	200			
				Zon	e 1 for Gab	e/Hip Roofs							
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft			
С	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	36 ft			
D	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	46 ft	25 ft	NA			
			Zone	2 for Gable	Roofs and 2	Zones 2 & 3	for Hip Roc	ofs					
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	46 ft			
С	60		60 ft	60 ft	60 ft	60 ft	45 ft	26 ft	15 ft	NA			
D 60 ft 60 ft 60 ft 60 ft 36 ft 18 ft NA NA NA									NA				
				Z	one 3 for Ga	ble Roofs							
В	60	60 ft 60 ft 60 ft 60 ft 60 ft 56 ft 36 ft 24 ft 16 ft											
С	60		60 ft	60 ft	41 ft	21 ft	NA	NA	NA	NA			
D	60	ft	60 ft	35 ft	16 ft	NA	NA	NA	NA	NA			

WHI16001.6 FL21544-R7 Page 15 of 19



System 2B: Batten/Counter Batten for Supre, Dura, Ulta and Eura Panels											
Slope:	Shall be in accordance with the FBC.										
Roof Deck:		Solid or closely fitted min. 15/32-inch, 32/16 span rated, 4-ply, CDX plywood sheathing for new and existing construction at max. 24-inch span; In the HVHZ, new construction shall be min. 19/32-inch, 40/20 span rated, CDX plywood at max. 24-inch span; Designed by others in accordance with FBC requirements.									
Underlaymen	Installed in accordance with the FBC. In the HVHZ, at the rake and eave, underlayment shall be wrapped over the eave and down the fascia prior to installing the drip edge metal.										
Counter Batten:		1x4 No. 2 SYP lumber laid maximum 24-inch o.c. over the plywood deck trusses/rafters and perpendicular to the eave									
Batten:		2x4 No. 2 SYP lumber installed 14-inch o.c. and perpendicular to the counter batten. Two (2) 3.5-inch x #10 stainless steel deck screws installed at each batten/counter batten intersection through plywood deck into the wood trusses/rafters.									
Attachment:		See Appendix A for fastening patterns; 4.8mm x 35mm HWH screws with 14 mm O.D. sealing washers attached at a rate of "10 screws per panel" for Supre, Dura and Ulta Panels or "12 screws per panel" for Eura Panel; Panel laps stitched with 4.8mm x 19mm HWH screws with 14mm O.D. sealing washers at the preformed locations. Fasteners shall penetrate the deck a minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and Section 1506.6.									
Maximum Design Pressures:		-157.5 psf Pressure calculated using 2:1 margin of safety per 1504.9									
Maximum Mean Roof Heights Slopes 2:12 – 12:12											
F.,,,,,,,,,,		Basic Wind Speed (mph)									
Exposure	≤12	20	130	140	150	160	170	180	190	200	
				Zon	e 1 for Gab	e/Hip Roofs					
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	
С	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	
D	60 ft		60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	
Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs											
В	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	
С	60		60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	41 ft	
D	60	ft	60 ft	60 ft	60 ft	60 ft	60 ft	53 ft	28 ft	16 ft	
Zone 3 for Gable Roofs											
В	60		60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	51 ft	
С	60 ft		60 ft	60 ft	60 ft	60 ft	53 ft	30 ft	18 ft	NA	
D	60	ft	60 ft	60 ft	60 ft	43 ft	21 ft	NA	NA	NA	

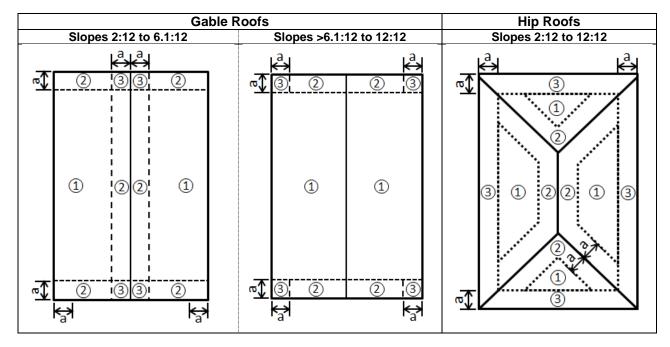
WHI16001.6 FL21544-R7 Page 16 of 19



System 3: Batten for Como (non-HVHZ only)											
Slope: Sha			Shall be in accordance with the FBC.								
Roof Deck:		Solid or closely fitted min. 7/16-inch span rated OSB sheathing for new and existing construction at max. 24 in. span; Designed by others in accordance with FBC requirements.									
Existing Roof:		OPTIONAL single layer of existing asphalt shingles; Shall comply with FBC Section 1511									
Underlayment:		Installed in accordance with FBC Section 1507.1.1 and FBC requirements.									
Batten:		1x4 No. 2 SYP lumber laid maximum 13 3/4-inch o.c. parallel to the eave, starting at the eave, and secured with one (1) min. 0.113-inch x 2 3/8-inch ring shank nail spaced 12-inch o.c. staggered									
Attachment:		#12 x min. 2.5-inch WoodZip SCAMP CHWH 304SS, Hi-Lo threaded screws attached at a rate of "10 screws per panel"; Panel laps stitched with 1/4"-14 x 7/8-inch SteelZIP SCAMP stitch screws, (3) screws placed at each side lap and (4) additional screws placed at the head lap in the designated locations; Fasteners shall penetrate the deck a minimum 3/8-inch and shall be corrosion resistant in accordance with section 1507.4.4 and 1506.6.									
Maximum Design Pressures:		-86 psf Pressure calculated using 2:1 margin of safety per 1504.9									
Maximum Mean Roof Heights Slopes 2:12 – 12:12											
_		Basic Wind Speed (mph)									
Exposure	≤120		130	140	150	160	170	180	190	200	
				Zon	e 1 for Gabl	e/Hip Roofs					
В	60 ft		60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	60 ft	42 ft	
С	60 ft		60 ft	60 ft	60 ft	60 ft	41 ft	23 ft	NA	NA	
D	60 ft		60 ft	60 ft	60 ft	32 ft	15 ft	NA	NA	NA	
Zone 2 for Gable Roofs and Zones 2 & 3 for Hip Roofs											
В	60 ft		60 ft	60 ft	60 ft	60 ft	50 ft	32 ft	21 ft	15 ft	
С	60 ft		60 ft	60 ft	35 ft	19 ft	NA	NA	NA	NA	
D	60 ft		60 ft	30 ft	NA	NA	NA	NA	NA	NA	
Zone 3 for Gable Roofs											
В	60 ft		60 ft	60 ft	46 ft	28 ft	18 ft	NA	NA	NA	
С	60 ft		38 ft	18 ft	NA	NA	NA	NA	NA	NA	
D 37 ft			15 ft	NA	NA	NA a define disa t	NA	NA	NA	NA	

WHI16001.6 FL21544-R7 Page 17 of 19





Dimension "a" shall be 10% of the least horizontal dimension or (0.4 x *Mean Roof Height*), whichever is smaller, but not less than either 4% of the least horizontal dimension or 3ft.

LIMITATIONS

- 1. Fire classification is not within the scope of this evaluation.
- 2. The roof deck and the roof deck attachment shall be designed by others to meet the minimum design loads established for components and cladding and in accordance with FBC requirements.
- Reroofing shall be in accordance with FBC Section 1511 outside the HVHZ and Section 1521 inside the HVHZ.
- 4. 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.
- 5. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.



COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 8th Edition (2023) including High-Velocity Hurricane Zones (HVHZ) as evidenced in the referenced documents submitted by the named manufacturer.



This item has been digitally signed and sealed by Zachary R. Priest, PE, on 2/26/2024.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Zachary R. Priest, P.E. Florida Registration No. 74021 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

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

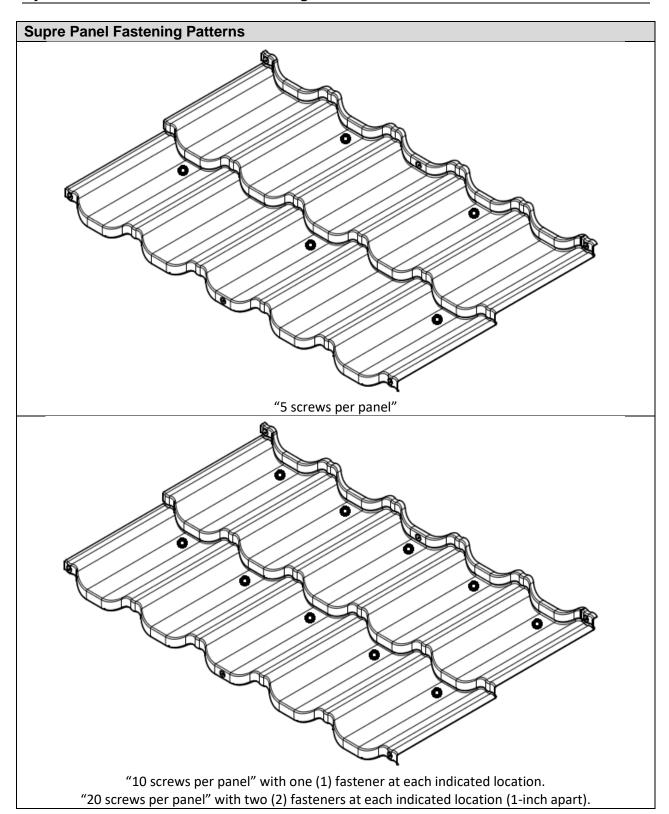
Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

APPENDICES

APPENDIX A - Fastening Patterns (9 pages)

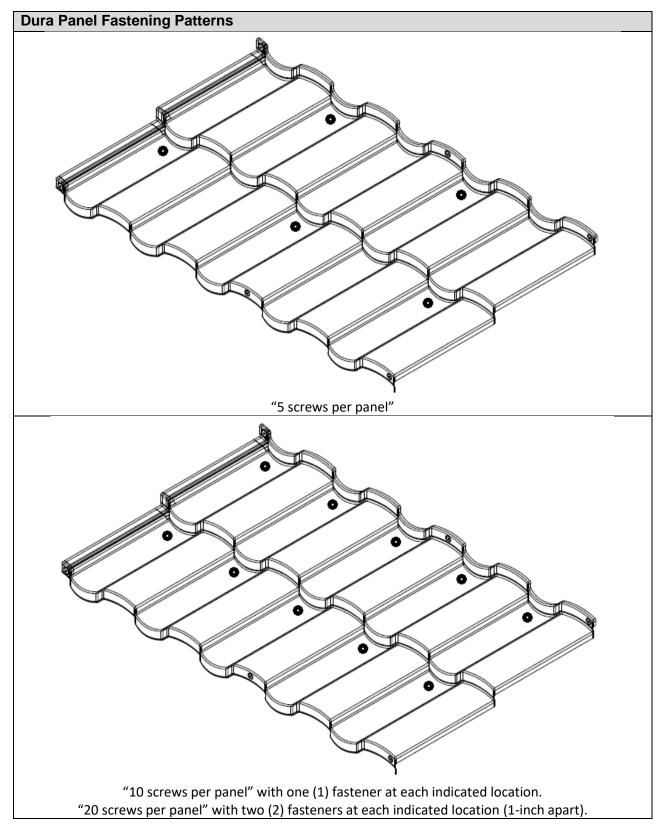


Systems 1A-J - Direct to Deck Fastening



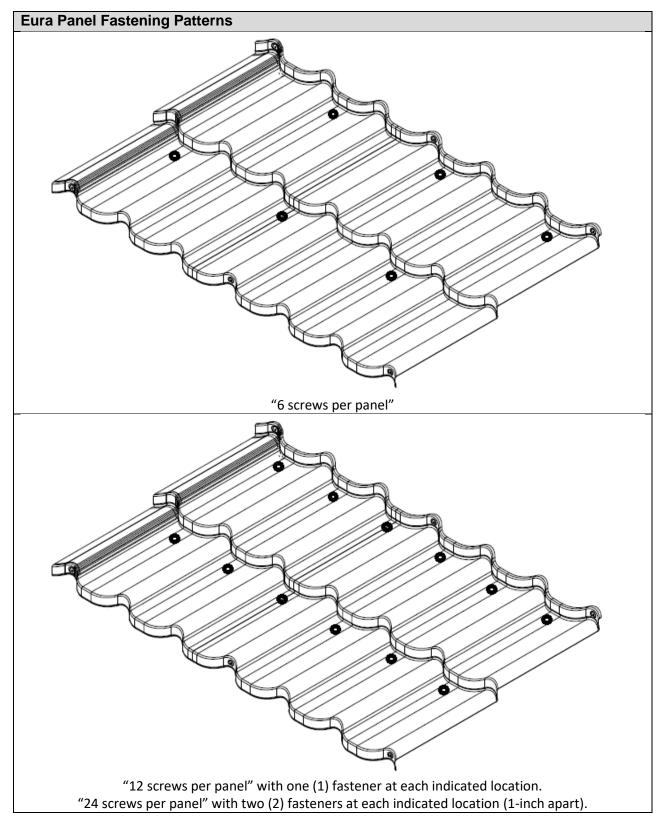
WHI16001.6 FL21544-R7 Page 1 of 9





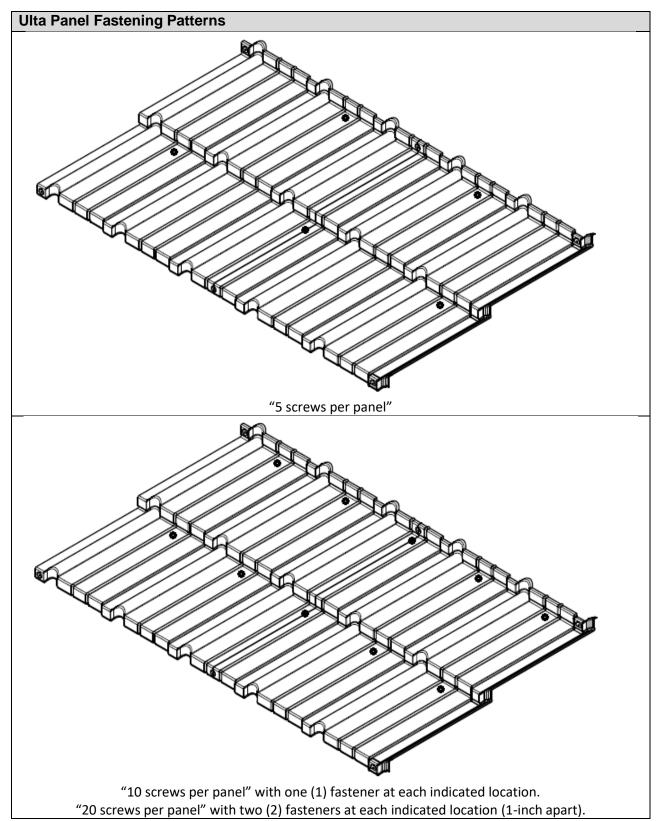
WHI16001.6 FL21544-R7 Page 2 of 9





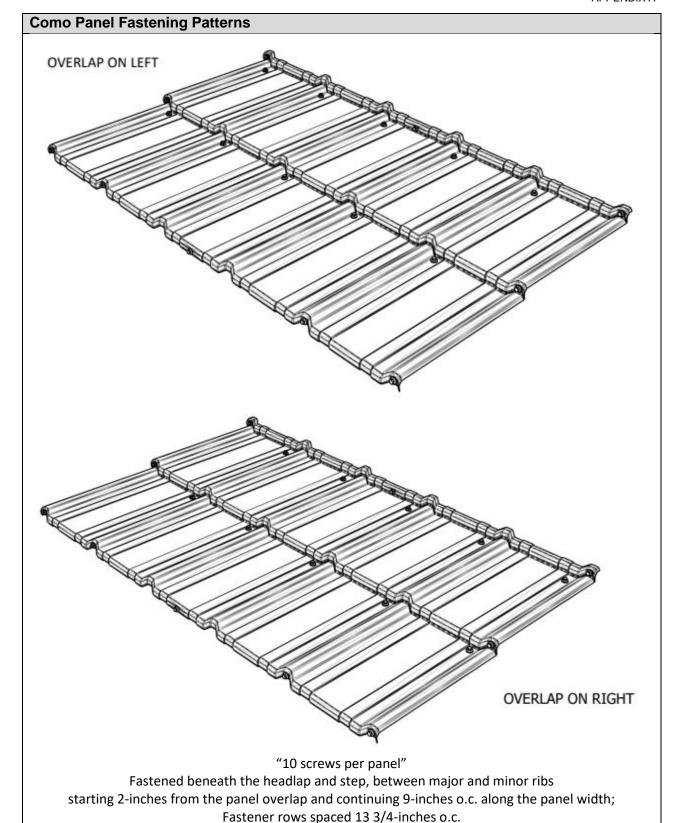
WHI16001.6 FL21544-R7 Page 3 of 9





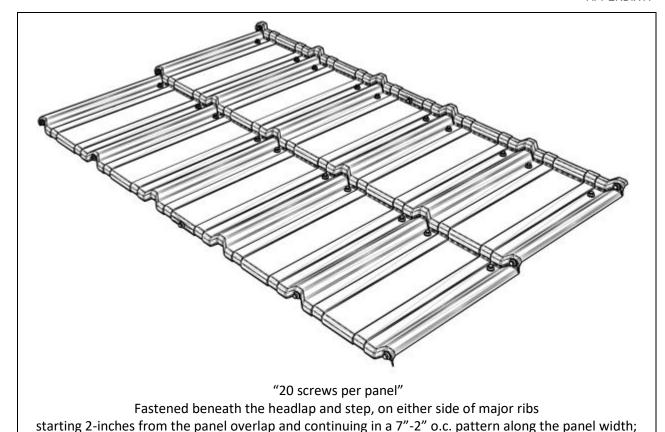
WHI16001.6 FL21544-R7 Page 4 of 9



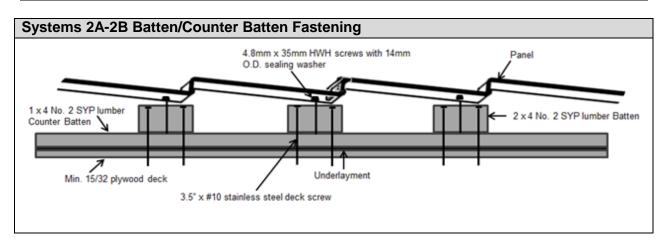


WHI16001.6 FL21544-R7 Page 5 of 9





Systems 2A-B – Over Batten Fastening

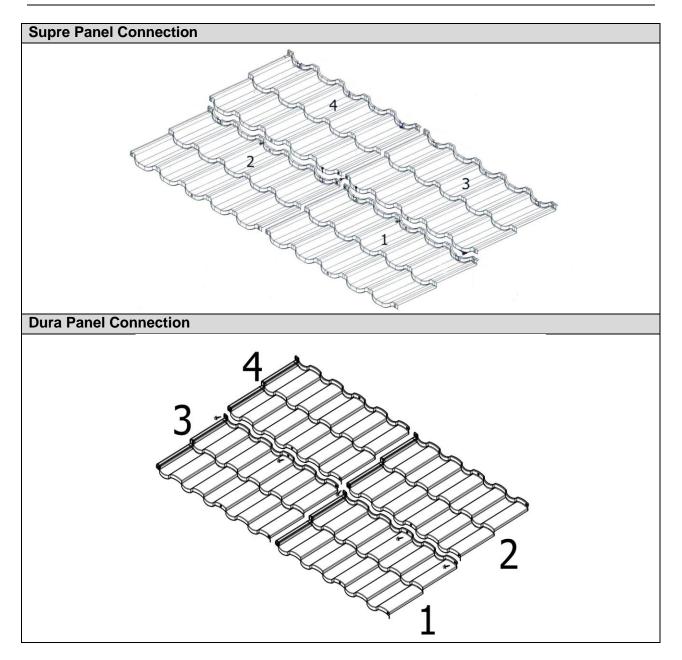


Fastener rows spaced 13 3/4-inches o.c.

WHI16001.6 FL21544-R7 Page 6 of 9



Panel Connections





Eura Panel Connection Ulta Panel Connection



Como Panel Connection - Right to Left Assembly Como Panel Connection - Left to Right Assembly

END OF REPORT

WHI16001.6 FL21544-R7 Page 9 of 9