



3911 W Newberry Road
Gainesville, Florida 32607

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scorpioco.com

Submittal

JOB NAME: Lake County Fire Station Wind Mitigation **DATE:** 12/22/2025

OWNER/ARCHITECT JOB#: 25-923 **SCORPIO JOB #:** 25061

SPEC SECTION: Sheet Metal Roofing **SPEC NUMBER:** 07 61 00 **REV:** 0

SUBCONTRACTOR/VENDOR: Collis Roofing

SUPPLIER: See Submittal

CONTRACTOR COMMENTS:	CONTRACTOR'S STAMP:
Standing Seam Metal roofs product data sheets and color chart.	<div style="border: 2px solid green; padding: 10px;"> <p style="text-align: center;">SHOP DRAWINGS / SUBMITTAL REVIEW</p> <p style="font-size: 8px;">SUBMITTAL WAS REVIEWED FOR DESIGN AND GENERAL CONFORMANCE TO CONTRACT DOCUMENTS ONLY. THE SUBMITTING CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT THE JOB SITE FOR TOLERANCES, CLEARANCES, QUANTITIES, FABRICATION PROCESS AND TECHNIQUE OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES AND FULL COMPLIANCE WITH CONTRACT DOCUMENTS.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="font-size: 10px;"> <p>Scorpio.</p> <p>3911 W. University Ave. Gainesville, FL 32607 f: 352.363.6070</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"><input checked="" type="checkbox"/> REVIEWED</div> <div style="text-align: center;"><input type="checkbox"/> REVIEWED W/ CHANGES</div> <div style="text-align: center;"><input type="checkbox"/> REVISE AND RESUBMIT</div> <div style="text-align: center;"><input type="checkbox"/> REJECTED</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <p>BY Ana Palm</p> <p>DATE 12/22/25</p> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <p>SUBMITTAL# 5</p> <p>SPEC 07 61 00</p> </div> </div>
ARCHITECT COMMENTS:	ARCHITECT'S STAMP:
Color to be selected by owner on a per-building basis.	<div style="border: 1px solid red; padding: 5px;"> <p style="font-size: 8px;"> <input type="checkbox"/> Reviewed – No Comments <input checked="" type="checkbox"/> Reviewed – See Comments <input type="checkbox"/> Revise and Resubmit <input type="checkbox"/> Rejected – Re-Submittal Required </p> <p style="font-size: 8px;">This review is only for general conformance with the design concept of the project and general compliance with the information give in the Contract Documents. Quantities and exact dimensions are the responsibility of the contractor and/or subcontractor. This review does not affect the requirements of any contract, nor imply any approval of construction methods and/or safety requirements. This review does not authorize a change in contract value.</p> <p style="font-size: 8px;"> Forefront Architecture & Engineering, LLC FL License No. AR102538 FL License No. CA30900 Signature: Date 1/7/26 Project 25-10518 Fire Station Hazard Mitigation </p> </div>
ENGINEER COMMENTS:	ENGINEER'S STAMP:

Lake County Fire Stations

Wind Mitigation

Lake County, FL



Standing Seam Metal Roofs Submittal

Fire Station 11: 47544 FL-19, Altoona, FL 32702

Fire Station 15: 40601 Palm Drive, Eustis, FL 32736

Fire Station 19: 38816 Carroll Street, Umatilla, FL 32784

Fire Station 20: 37711 FL-19, Umatilla, FL 32784

Fire Station 83: 15303 Ferndale Community Road, Clermont, FL 34715

Fire Station 110: 6234 County Road 561, Clermont, FL 34714

Architect

Forefront Architecture & Engineering
1230 Oakley Seaver Drive, Suite 100

General Contractor

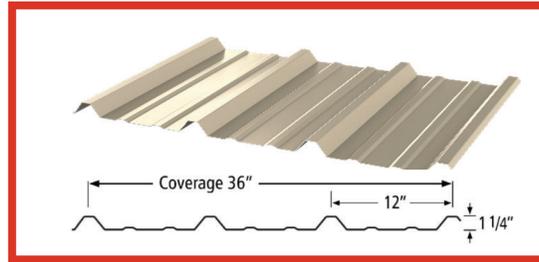
Scorpio
151 Southhall Ln, Suite 170
Maitland, FL 32751

Roofing Contractor



485 Commerce Way
Longwood, FL 32750

Steel PBR Panel on Steel Framing



PBR



PBR



PBR



R or **PBR**

Product Description

PBR panel with nominal 1.25" rib height, and panel coverage of 36"

Product Material

29ga, 26ga, **24ga**, or 22ga steel

Comply with FBC 1405.2 where required.

Fastener

#12 or 1/4" fastener with sealing washer

Substrate/Deck

16ga steel

50ksi (min)

Evaluated by:

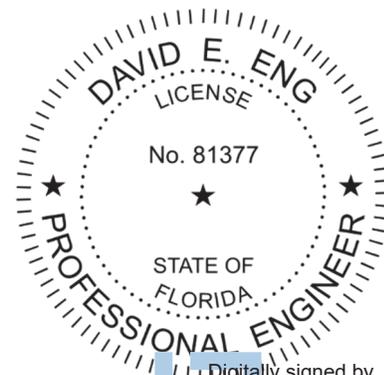
David Eng, PE

Timberlake Cove, LLC

1317 Edgewater Dr, Ste 2339 | Orlando FL

FL PE 81377 | FL CA 33344

www.TimberLakeCove.com



Digitally signed by
David E Eng
Date: 2024.04.03
14:21:57-04'00'



This item has been digitally signed and sealed by D.E. Eng, PE, on the date indicated. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

Maximum Allowable Loads & Installation Requirements:

This product approval covers 2 installation configurations. A factor of safety of 2 has been applied to all allowable uplift pressures shown.

29ga – 22ga on 16ga (min) steel framing @ 48" o.c.

¼"x7/8" lap fastener at 20" o.c.

Interior supports: ¼" x 1.25" fasteners in 12"-12" pattern (1 per rib)

Panel ends: ¼" x 1.25" fasteners in 7"-5"-7" pattern (2 per rib):

29ga, 48" fastener spacing: +60 / -55 PSF

26ga, 48" fastener spacing: +90 / -80 PSF

24ga, 48" fastener spacing: +100 / -90 PSF

22ga, 48" fastener spacing: +150 / -142.5 PSF (for 22ga, use 7"-5"-7" pattern for both interior supports and panel ends)

26ga (min) on 16ga (min) steel framing

¼"x7/8" lap fastener at 24" o.c.

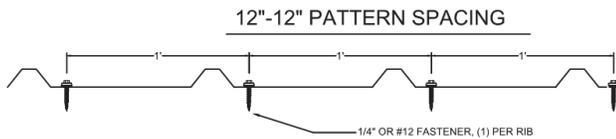
Interior supports: #12 x 1.25" fasteners in 12"-12" pattern (1 per rib)

Panel ends: #12 x 1.25" fasteners in 7"-5"-7" pattern (2 per rib):

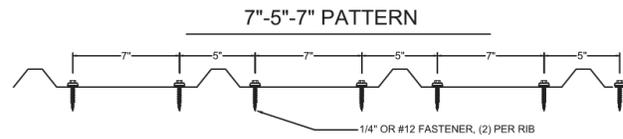
20" fastener spacing: +96 / -163 PSF

60" fastener spacing: +32 / -45.5 PSF

96" fastener spacing: +20 / -23.5 PSF



Field Fastener Pattern



Perimeter Fastener Pattern

Technical Documentation:

This product has been tested by Force Engineering (TST5328) to the ASTM E1592 standard, reports 07-0200T-14 A, B, C, as referenced in FL 11917.5-R4.

This product has been tested by ENCON Technology (TST6485) to the ASTM E1592 standard, report C2054-1, as referenced in FL 9557.5-R5.

ASTM E1592-01 is materially similar to ASTM E1592-05 (2012).

ASTM E1592-05 (2017) is materially similar to ASTM E1592-05 (2012).

Compliance Statement:

This product as described has demonstrated compliance with Florida Building Code 2023, Section 1403.3 (wind loading only, **non-HVHZ**), as required by FL Rule 61G20-3, method 1D.

This product as described has been tested and demonstrated compliance with:

- ASTM E1592 – Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference

Design Process:

Compare the maximum allowable loads on page 2 to the ASD uplift pressures for the project to determine sufficiency and installation requirements.

Alternatively, as an option, the load tables in this report provides one prescriptive option for the fastening requirement for the applicable wind loads for roofs within the parameters described. For roofs outside of the listed parameters, design wind loads shall be determined as required by FBC 1609, ASCE 7, or other design code in force, using allowable stress. These load tables are based on ASCE 7-22. Use of these tables assumes that the structure is: Enclosed and conforms to wind-borne debris provisions and is a regular shaped building and is not subject to across-wind loading, vortex shedding, or instability; nor does it have a site location for which channeling or buffeting warrant consideration

Engineering analysis may be completed by other licensed engineers for project specific approval by local authorities having jurisdiction.

Optional Load Tables:

These load tables are provided as a courtesy to provide one possible prescriptive option for a generic, typical structure without calculating the design pressures.

For structures outside the parameters of these load tables (e.g. height above 30 feet), calculate the required allowable design pressure and compare to the maximum allowable loads shown on page 2. These load tables shall not be construed to in any way limit the installation of this product to the cases shown.

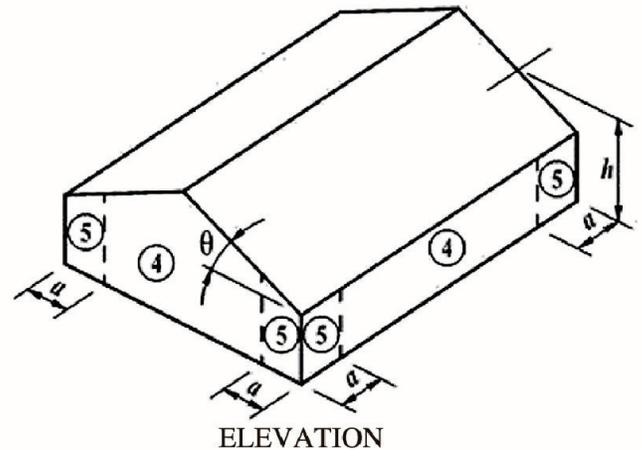
Contact the manufacturer for further information, or consult a licensed design professional.

Instructions:

Select the appropriate load table that applies to the structure in question.

Determine the design wind speed for the project location.

Use the minimum gauge or max fastener spacing indicated for that windspeed within each roof zone.



Use this load table for structures which meet the following criteria:
Are located in **Exposure B** area
Have a mean Roof Height of **30 feet or less**

FL42378.10: 29-22ga PBR on Steel Framing

Wind	120	130	140	150	160	170	180	190	200
Zone 4:	29ga								
Zone 5:	29ga	26ga							

Use this load table for structures which meet the following criteria:
Are located in **B, C, or D exposure** area
Have a mean Roof Height of **30 feet or less**

FL42378.10: 29-22ga PBR on Steel Framing

Wind	120	130	140	150	160	170	180	190	200
Zone 4:	29ga	29ga	29ga	29ga	29ga	26ga	26ga	26ga	26ga
Zone 5:	29ga	29ga	29ga	29ga	26ga	26ga	26ga	24ga	22ga

Use this load table for structures which meet the following criteria:
Are located in **Exposure B** area
Have a mean Roof Height of **30 feet or less**

FL42378.10: 26ga PBR on Steel Framing

Wind	120	130	140	150	160	170	180	190	200
Zone 4:	96"	96"	96"	60"	60"	60"	60"	60"	20"
Zone 5:	96"	60"	60"	60"	60"	60"	20"	20"	20"

Use this load table for structures which meet the following criteria:
Are located in **B, C, or D exposure** area
Have a mean Roof Height of **30 feet or less**

FL42378.10: 26ga PBR on Steel Framing

Wind	120	130	140	150	160	170	180	190	200
Zone 4:	60"	60"	60"	60"	20"	20"	20"	20"	20"
Zone 5:	60"	60"	20"	20"	20"	20"	20"	20"	20"

Locations and Trade Names

This product is manufactured by Cornerstone Building Brands by one or more of the following brands, and is distributed under one or more the trade names shown below. Each brand maintains a variety of manufacturing facilities and trade names, to include the ones noted here. Contact the manufacturers listed for the most up-to-date list of locations serving the Florida market.



Corporate Headquarters
5020 Weston Parkway | Cary, NC 27513



PBR

1601 Rogers Road | Adel, GA 31620



PBR

4020 SW 449 St | Horseshoe Beach, Florida 32648
6461 Topaz Court | Fort Myers, Florida 33966



PBR

1601 Rogers Rd | Adel, GA 31620



PBR or R

490 Oak Rd. | Ocala, FL 34472
3365 US Hwy. 41 South | Tifton, GA 31794

Certification of Independence:

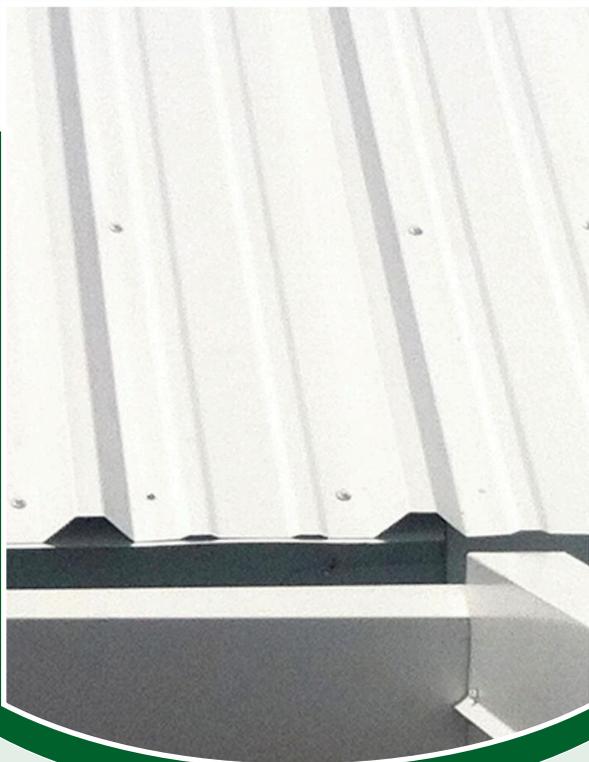
David Eng, PE and Timberlake Cove, LLC do not have, nor will acquire a financial interest in any company manufacturing or distributing products under this evaluation. The same entities do not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

Exclusions and Limitations:

Design of deck and roof structure (to include attachment of plywood or wood plank) shall be completed by others. Fire classification and shear diaphragm design are outside the scope of this evaluation. Accelerated weathering/salt spray is outside the scope of this evaluation.

This report is limited to compliance with structural wind load requirements of FBC 1504.3.2, as required by Rule 61G20-3. Neither Timberlake Cove nor the manufacturer shall be responsible for any conclusions, interpretations, or designs made by others based on this evaluation report. This report is limited solely to documenting compliance with Rule 61G20-3, and makes no express or implied warranty regarding performance of this product. Installation shall be subject to the local building code and authority having jurisdiction; this report shall not be construed to supersede local codes in force.

PBR/IR Panel



PBR and IR metal roofing panels are designed for industrial, commercial, and steel-frame building applications. The “R” family of metal roofing panels has the strength to perform on roof pitches as low as 1:12 and on spans up to five feet. IR panels are designed for sidewall applications while the PBR panel has an added purlin bearing leg to provide better support for roofing applications.

SPECIFICATIONS

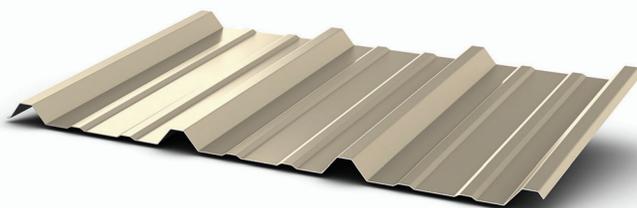
- Exposed fastener panel for roof and wall applications
- 1:12 minimum recommended roof pitch (PBR can go as low as 1:12)
- Suitable for solid deck or open framing

SUBSTRATES AND COATINGS

- High-strength steel substrate
- Anti-corrosion Galvalume® coating for painted and unpainted steel
- 26 and 24 gauge unpainted Galvalume® Plus
- 26 gauge Signature® 200 siliconized polyester paint system (select colors)
- Painted panels feature 45-year limited finish warranty coverage

TESTING AND APPROVALS

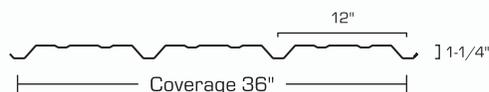
- Metal Construction Association Certified
- No Coastal Set Back
- UL 580 Uplift UL 90 Construction #30, 79, 161, 167, and 638
- UL 790 Fire Resistance Class A
- UL 2218 Impact Resistance Class 4
- Florida Building Code Approved:
 - 42378.10 - 29ga - 22ga, 16ga (min) girts - wall
 - 42379.5 - 26ga or 24ga, 15/32 (min) plywood
 - 42832.12 - 22ga - 29ga, 16ga (min) girts



PBR Panel



IR Panel



COLOR CHART



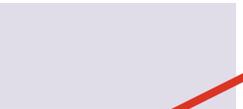
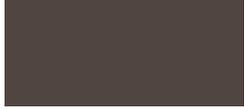
Final color selection should be made from metal color chips.

Gauge and finish options vary by panel profile. For the most current information available, as well as details about paint warranty coverage, visit our website at unioncorrugating.com.

All Signature® 200 and 300 colors are Cool Roof compliant through the CRRC-1 Program. Visit coolroofs.org for more details.

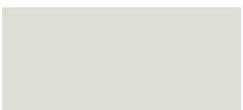
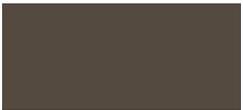
SIGNATURE® 200

Siliconized Polyester

				
POLAR WHITE <small>(POLYESTER)</small>	HIGH GLOSS WHITE	WHITE	BRIGHT WHITE	HAWAIIAN BLUE
				
COBALT BLUE	LIGHT STONE	SADDLE TAN	DESERT SAND	COFFEE BROWN
				
BURNISHED SLATE	ASH GRAY	DEEP GRAY	CHARCOAL GRAY	EVERGREEN
				
IVY GREEN	SCARLET RED	RUSTIC RED	WINE RED	TRUE BLACK

SIGNATURE® 300

Polyvinylidene Fluoride (PVDF) | Low Gloss

				
SNOW WHITE	BONE WHITE	PACIFIC BLUE	HARBOR BLUE	ALMOND
				
BROWNSTONE	MEDIUM BRONZE	MIDNIGHT BRONZE	TUNDRA	SLATE GRAY
				
STORM GRAY	CLASSIC GREEN	BRITE RED	COLONIAL RED	MIDNIGHT BLACK



COPPER METALLIC

Standard Colors Only

*Metallic colors incur an upcharge; panels and trim are directional and must be installed in the same direction to prevent perceived shade variances.



*Your Roof. For Life!
On Time and Complete!™*

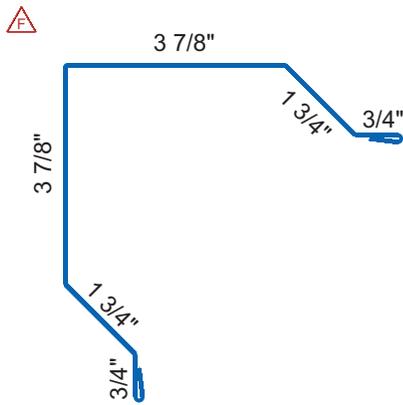
PBR/R - Panel Flashings & Trims

Profile for Flashings & Trims to Match Existing

PBR/R-Panel Flashings & Trims

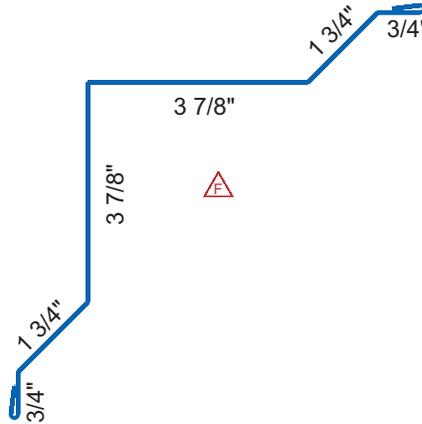


RP01



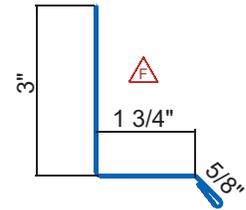
Outside Corner

RP02



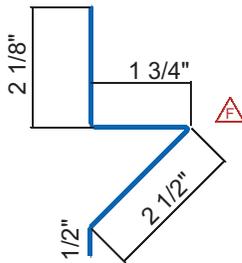
Inside Corner

RP03



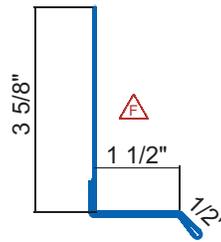
Base Angle

RP04



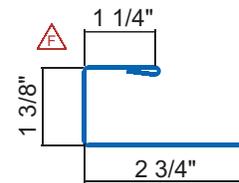
Base Trim

RP05



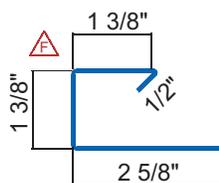
Head Trim (Sill)

RP06



Head Trim (J-Channel)

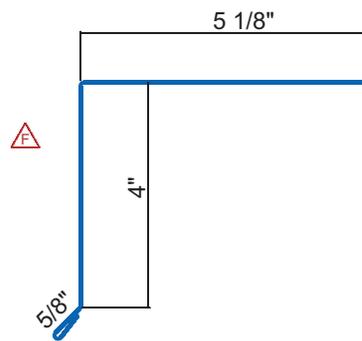
RP07



Jamb Trim

RP08

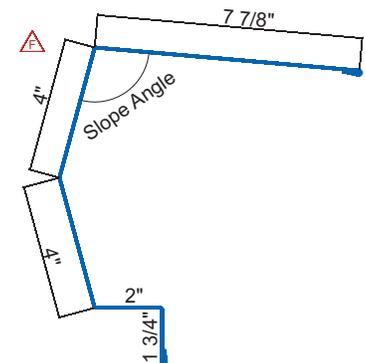
4:12 PITCH STANDARD UNLESS SPECIFIED OTHERWISE



Eave Trim

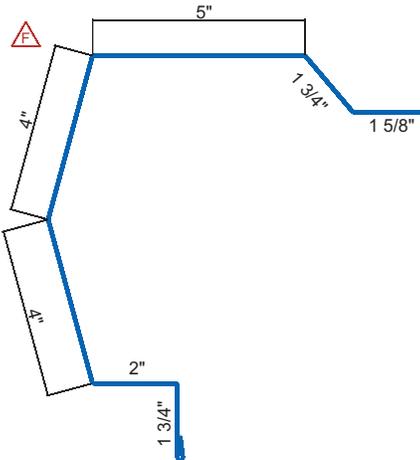
RP09

4:12 PITCH STANDARD UNLESS SPECIFIED OTHERWISE



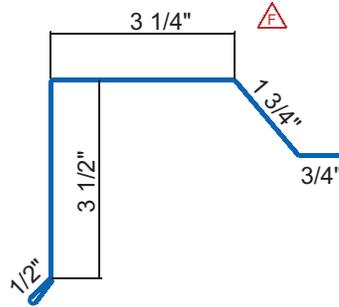
Sculptured High Side Eave (Peak)

RP10



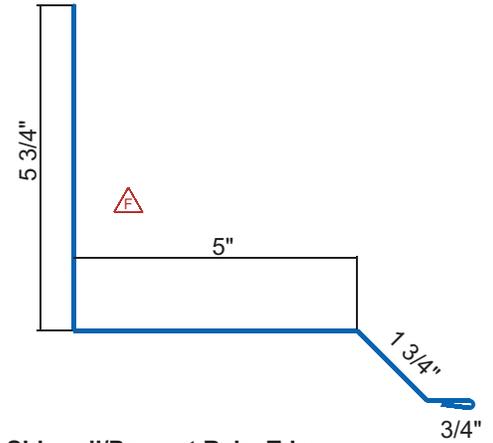
Sculptured Rake Trim

RP11



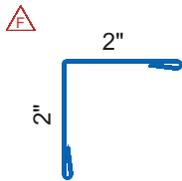
Residential Rake Trim

RP12



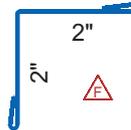
Sidewall/Parapet Rake Trim

RP13



2" x 2" Outside Angle

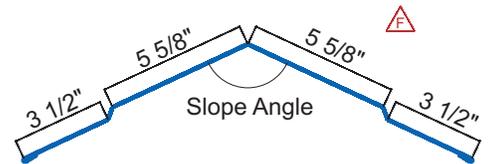
RP14



2" x 2" Inside Angle

RP15

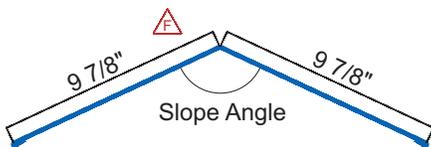
4:12 PITCH STANDARD UNLESS SPECIFIED OTHERWISE



Universal Ridge Cover

RP16

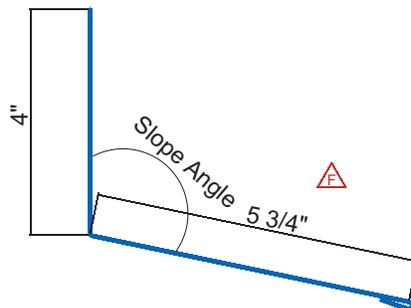
4:12 PITCH STANDARD UNLESS SPECIFIED OTHERWISE



Flat Ridge Cap

RP17

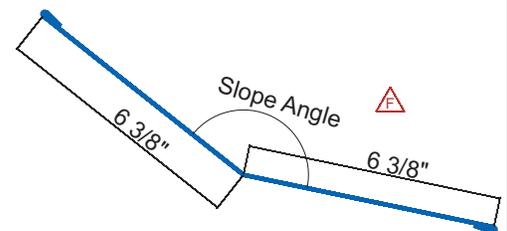
4:12 PITCH STANDARD UNLESS SPECIFIED OTHERWISE



Endwall (Highwall)

RP18

4:12 PITCH STANDARD UNLESS SPECIFIED OTHERWISE



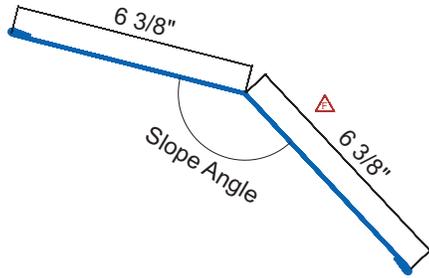
Transition Flashing

PBR/R-Panel Flashings & Trims



RP19

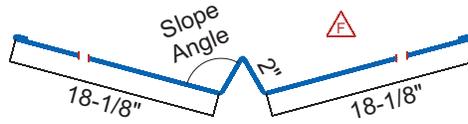
4:12 PITCH STANDARD UNLESS SPECIFIED OTHERWISE



Gambrel Flashing

RP20

4:12 PITCH STANDARD UNLESS SPECIFIED OTHERWISE



Extended Valley Flashing

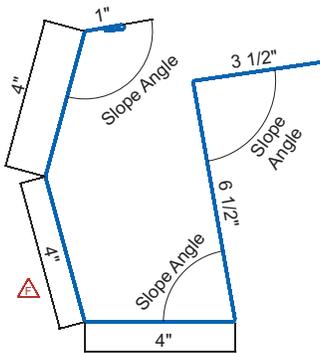
RP21



Jamb Cover

RP22

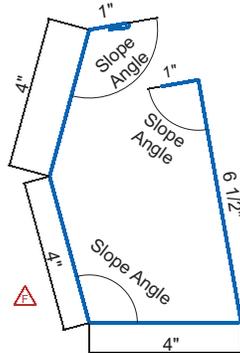
4:12 PITCH STANDARD UNLESS SPECIFIED OTHERWISE



Sculptured Eave Gutter

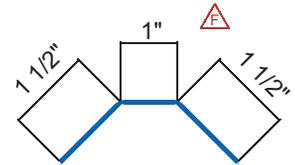
RP23

4:12 PITCH STANDARD UNLESS SPECIFIED OTHERWISE



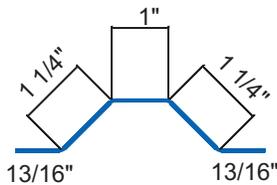
Sculptured Hang-On Gutter

RP24



PBR-Panel Gutter Strap
12 inches long

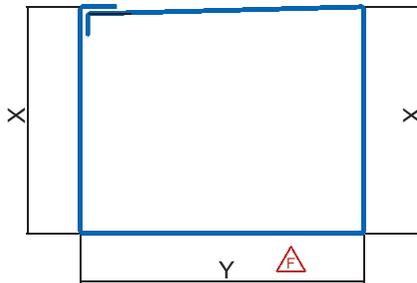
RP25



Light Transmitting Panel Trim
Use with polycarbonate skylight panels

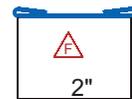
DS

'A' x 'B' Dimensions
Part DS34 = 3" x 4"
Part DS35 = 3-1/2" x 4"



Downspout, Smooth Rectangular

DX01



Downspout Strapping

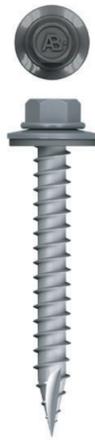
METAL TO WOOD FASTENERS

WE PROTECT VALUE BY SECURING METAL TO WOOD



#12 ULTIMATE®

- ZINC CAST HEAD WARRANTED AGAINST RED RUST FOR THE LIFE OF THE BUILDING
- LOW PROFILE DESIGN BLENDS IN WITH THE PANEL
- SPECIAL UNDERCUT DESIGN CONCEALS WASHER



#10 WOODTITE

- TYPE-17 POINT HELPS TO QUICKLY PENETRATE MULTIPLE LAYERS OF METAL PANELS
- DEEP THREAD FORM FOR MAXIMUM PULLOUT RESISTANCE



#14 WOODTITE™

- TYPE-17 POINT EASILY PENETRATES LAPPED HIGH TENSION STEEL
- DEEP THREAD FORM FOR MAXIMUM PULLOUT RESISTANCE



#10 ULTIMATE®

- ZINC CAST HEAD WARRANTED AGAINST RED RUST FOR THE LIFE OF THE BUILDING
- SPECIAL UNDERCUT DESIGN CONCEALS WASHER
- DEKFAST® MULTI-SEAL™ WASHER: PROVIDES 4 SEALING POINTS TO ENSURE POSITIVE SEAL EVEN WHEN DRIVEN AT EXTREME ANGLES
- IDEAL FOR 5V ROOF APPLICATIONS
- HIGH MAJOR THREADS WITH LOW MINOR THREADS FOR ENHANCED PULLOUT VALUES



[LOWPRO]2™

- COSMETICALLY APPEALING LOW HEAD HEIGHT BLENDS IN WITH PANEL
- HEAD CONCEALS SEALING WASHER
- WOBBLE FREE INSTALLATION
- #3 DRIVER INSTALLS ALL SIZES
- COARSE THREADS PROVIDE SECURE FASTENING INTO WOOD SUBSTRATE



ENDURAFAST™

- INTERRUPTED THREAD DESIGN PROVIDES 20% MORE RESISTANCE AGAINST FASTENER BACKOUT
- WARRANTED AGAINST FASTENER CORROSION WHEN INSTALLED IN CCA OR ACO LUMBER
- MAGNETIC 410 STAINLESS ENSURES THE FASTENER STAYS IN THE SOCKET



#12 WOODFAST

- LAP SCREW
- SHARP POINT TO PENETRATE HIGH TENSILE LAPPED STEEL
- BONDED EPDM WASHER
- DOUBLE LEAD THREAD DESIGN



LOW PROFILE PANCAKE

- FOR ATTACHING CLIPS TO WOOD SUBSTRATE
- TIGHTER FIT ON DRIVER BIT
- AVAILABLE IN CARBON AND 410 STAINLESS STEEL FOR CORROSION PROTECTION
- COARSE THREADS PROVIDE SECURE FASTENING INTO WOOD SUBSTRATE

ACCESSORIES

RIVETS, PIPE FLASHING, SEALANT, CLOSURE, VENTING PRODUCTS

Fasteners to match existing



RIVETS



SEALANT



EPDM ROUND BASE



EPDM SQUARE BASE



HI-TEMP



RETROFIT



BUTYL TAPE



CLOSURE



VERSAVENT



PROFILE VENT



ULTIMATE®

- ZINC CAST HEAD WARRANTED AGAINST RED RUST FOR THE LIFE OF THE BUILDING
- SPECIAL UNDERCUT ENTRAPS SEALING WASHER



304 STAINLESS

- SELF-TAPPING SCREW
- USE WHERE CORROSIVE ENVIRONMENTS REQUIRE STAINLESS FASTENERS
- AVAILABLE IN A, AB AND B POINTS
- PLATED FOR LUBRICATION DURING INSTALLATION
- DUCTILITY FOR HIGH STRESS APPLICATIONS
- MADE FROM 100% DOMESTIC 304 STAINLESS WIRE
- MADE IN USA



410 STAINLESS SD

- MAGNETIC FOR USE WITH STANDARD SOCKET DRIVERS
- BRIGHT HARDENED
- 410 STAINLESS STEEL FOR CORROSION RESISTANCE
- QUICK DRILLING
- BONDED EPDM WASHER



FLAT TOP®

- HIGHER HEX PROVIDES POSITIVE SOCKET ENGAGEMENT
- SPECIAL UNDERCUT DESIGN ENTRAPS SEALING WASHER



ULTRA-Z™

- INNOVATIVE TAPERED COMPRESSION POINT TECHNOLOGY PROVIDES AN ULTRA-SHARP CUTTING EDGE



[LOW PRO]2® SD

- COSMETICALLY APPEALING, LOW HEAD HEIGHT BLENDS IN WITH PANEL
- HEAD CONCEALS SEALING WASHER
- WOBBLE FREE INSTALLATION
- #3 DRIVER INSTALLS ALL SIZES
- MATCHING LAP SCREW AVAILABLE



LOW PROFILE PANCAKE SD

- FOR ATTACHING CLIPS TO METAL SUBSTRATE
- TIGHTER FIT ON DRIVER BIT



1/4 X 7/8 FLAT TOP® LAP

- HIGHER HEX PROVIDES POSITIVE SOCKET ENGAGEMENT
- SPECIAL UNDERCUT ENTRAPS SEALING WASHER




*Your Roof. For Life!
On Time and Complete!™*

ASHLAND
OHIO

FLAT ROCK
NORTH CAROLINA

HOUSTON
TEXAS

SALEM
OREGON

PLEASE CONTACT US FOR ADDITIONAL PRODUCT DETAILS - INFO@ATLASFASSTENERS.COM - (800) 321-6977 - WWW.ATLASFASSTENERS.COM



PRODUCT WARRANTY

Union Corrugating Company (Seller) warrants to the original purchaser (Buyer or Customer) and to the original building Owner, its products as listed below, and subject to the limitations, terms, conditions and exclusions set forth herein:

Fabricated steel components are warranted only against failure due to defective material or workmanship for a period of one year effective from date of shipment.

WARRANTY DISCLAIMER

- I. This warranty is in lieu of all other warranties (save and except any written warranties issued by Seller and signed by an officer of Seller for a specific roof system), whether express, implied or statutory, and all other liabilities (contract, tort or otherwise, including negligence) and Seller makes no warranty of merchantability or of fitness for any particular purpose. This warranty will automatically terminate and become void upon the sale, transfer or conveyance (except to secure debt) of the products or building or property on which the products are erected.

In consideration of the sale of the products and this warranty, Seller shall not be responsible or liable for any consequential, incidental or special damages, expenses, loss to the building or loss of the use thereof, either in contract, negligence or tort, arising out of any failure of the products, breach of warranty or for other cause.

Seller does not make any warranty or assume any obligation with respect to the validity of any patents, designs, copyrights or trademarks which may cover such products. The conditioning of liability, rights, obligations and remedies of the parties relating to claims arising from defective products shall be governed exclusively by the terms hereof.

- II. A. This warranty is subject to the following conditions, terms, limitations and exclusions.
 - B. The information noted below must be completed and executed by original Purchaser (Buyer) and original building Owner within thirty (30) days of shipment of materials and the original of same maintained in original building Owner's possession.
 - C. This warranty is limited to the original Owner of the building and is specifically non-assignable or non-transferable.
 - D. Buyer shall exercise diligence in inspection of materials as received from Seller prior to utilization so as to mitigate expense involved in repairing, repainting, or replacing nonconforming products.
 1. This warranty applies only to the above-described products of Seller and does not cover accessories, fixtures, insulation, goods or materials not manufactured but sold by Seller. This warranty shall be valid and apply to Seller's products only if the products are erected and installed strictly in accordance with Seller's engineering plans and specifications, Seller's project specific erection details, Seller's standard erection instructions and details current at the time of product shipment to jobsite by Seller and all applicable erection standards and procedures regularly published by the metal building manufacturers association. Any modification of, deviation or variation from the specified materials, products or specified erection procedures without the prior written consent of an officer of Seller, will void this warranty.
 2. This warranty is applicable only to product damage or failure caused by "normal atmospheric exposure" which shall not be construed to include the following conditions which are specifically excluded from this warranty:
 - a. Deterioration caused by marine (salt water) atmospheres or by constant exposure to either salt or fresh water.
 - b. Corrosion caused by heavy fallout or exposure to corrosive chemicals, ash, or fumes from chemical plants, foundries, plating works, kilns, paper plants, fertilizers, animal waste, or any similar foreign chemical substances.
 - c. Deterioration caused by corrosive fumes or condensates of harmful substances generated or released inside the building.
 - d. Damage due to contact with green or wet lumber.
 - e. Damage caused by spray foam insulation.
 - f. If the products are erected in an area which is originally a "normal atmospheric exposure" but the environment subsequently changes to the one that is not a "normal" atmosphere (e.g., The construction of a chemical plant nearby) this warranty will then be void.
 3. This warranty is limited to products of Seller which are sold and erected within the continental United States of America, Alaska, Hawaii and Canada.
 4. This warranty shall not apply to any structural or panel failure attributable to engineering design caused by incorrect, inadequate, or erroneous design information transmitted to Seller, by or through the Owner, contractor or their respective design representative.

5. This warranty specifically excludes the following:
 - a. Damages caused by workers or other traffic on the roof.
 - b. Damages caused by act of god - including, but not limited to, lightning, strong gale, hurricane, tornado, earthquake, fire or flood.
 - c. Damages caused by any other cause beyond the control of Seller, including, but not limited to, the following examples:
 - i. If after erection, there are alterations, such as, but not limited to, structures, fixtures or utilities being placed upon or attached to the structure or overloading bridge cranes.
 - ii. If there is any failure by the Buyer to use reasonable care in maintenance.
 - iii. If Buyer fails to comply with every term and/or condition stated in this warranty.
 - iv. Foundation movement.
 - d. Damage to the primer paint coating on the primary or secondary framing members.
 - e. This warranty does not apply to perforated material.
6. Claims for any defects or breach of this warranty must be submitted by the Owner, or Owner's representative, by written notice within the warranty period and within thirty (30) days of the occurrence of a failure or breach of warranty so that Seller has reasonable opportunity to inspect the products. Owner will exercise reasonable diligence in inspection and maintenance of the products in order to mitigate expense involved in repairing, replacing or repainting the products.
7. Seller's responsibility and liability pursuant to this warranty is expressly limited to the replacement, repair or repainting of the defective materials and in no event will such liability exceed an amount equal to twenty (20) cents per square foot of building area, and any expense of labor, installation, or removal will not be included in this warranty.
8. This warranty will not be effective and binding on Seller until payment in full for the products have been received by Seller.
9. This warranty may not be modified, amended or supplemented except by written agreement signed by an authorized corporate officer of Seller.

Seller's Job Number _____ Building Location _____
 (Street, City, State & Zip Code)

Customer _____ Customer Phone Number _____

Customer Address _____
 (Street, City, State & Zip Code)

Customer Signature _____ Date _____

Original Owner _____

Owner's Address _____
 (Street, City, State & Zip Code)

Owner's Signature _____ Date _____



PRECOATED SIGNATURE® 300 PANEL PRECOATED 70% FLUOROPOLYMER PANEL LIMITED PASS-THROUGH WARRANTY

Union Corrugating Company, a division of NCI Group, Inc. (hereinafter referred to as "Manufacturer") warrants the panels, effective from the date of shipment, will perform in accordance to the following Signature® 300 Warranty:

PERFORMANCE SUMMARY

- A. FILM INTEGRITY:** The paint film WILL NOT crack, check, or peel for a period of forty-five (45) years for Wall and Roof panels. Cracking is defined as breaks in the flat coating as opposed to breaks in the film caused by metal forming, which is not warranted hereunder.
- B. CHALK AND FADE:** The paint film WILL NOT:
- (1) For a period of thirty-five (35) years, chalk in excess of a numerical rating of 8 for vertical or non-vertical panel applications when measured in accordance with the standard procedures as defined by the "Standard Methods of Evaluating Degree of Chalking of Exterior Paints", ASTM D4214, or
 - (2) For a period of thirty-five (35) years, fade or change in color in excess of 5 color difference units, for vertical or non-vertical panel applications, measured in accordance with ASTM D2244 on the exposed painted surfaces which have been cleaned of external deposits and chalk and the corresponding values measured on the original (unexposed) painted surfaces. It is understood that fading or color changes may not be uniform if the surfaces are not equally exposed to the sun and elements.

TERMS AND CONDITIONS

1. This warranty covers the material exposed to normal atmospheric conditions (which term excludes exposure to aggressive atmospheres such as, but not limited to, those contaminated with chemical fumes) in the continental United States, Alaska or Canada, unless Manufacturer agrees otherwise in writing. This warranty shall not apply where material failure is the result of fire, other accident or casualty, vandalism, atomic radiation, harmful fumes or foreign substances in the atmosphere, acts of God, or other such occurrences beyond Manufacturer's control. For any panel that is subject to salt spray or installed on property located 1,500 or fewer feet from a salt-water environment, the building owner shall perform a "sweet water" / fresh tap water rinse twice a year, or more frequent, to avoid salt residue accumulation in accordance with AAMA 610.1.1979. The product must not be cleaned with abrasive chemical cleaners. The building owner shall maintain records of the maintenance.
2. This warranty will not extend to or cover damages to the material due to improper packaging, shipping or processing as specified in the National Coil Coaters Association Technical Bulletin No. IV- (7), improper handling (whether pre-erection or during erection), improper storage, improper erection, or improper installation (which includes failure to permit drainage of standing water.)
3. Microscopic crazing of the film on formed radii is considered normal and is not to be construed as film cracking.
4. This warranty does not apply in the event of deterioration to the panels caused directly or indirectly by panel contact with inferior fasteners. Selection of suitable long-lasting fasteners to be used with Manufacturer's extended life panels rests solely with the Purchaser.
5. The improper use of Manufacturer's seaming equipment or use of seaming equipment obtained from a party other than the Manufacturer may result in this and all warranties being void.
6. This warranty will not extend to or cover:
 - a) Damage to the coating occasioned by moisture or other contamination detrimental to the coating because of improper storage of the coated Metal prior to installation.
 - b) Water damage to any materials after they leave the possession of the Manufacturer.
 - c) Damage to the pre-painted metal caused by shipping, handling, and/or installation, storing, erecting and/or handling of the panels on the job site and/or any act or acts of negligence of the customer or any third party after the panels leave the possession of the Manufacturer.
 - d) Damage to the coated Metal as a result of standing water in non-vertical application.
 - e) Damage to the pre-painted metal caused by cascading water.
 - f) Damage to the coated Metal caused by contact with, or water run-off from, lead, copper, graphite or other dissimilar material. This includes, but is not limited to, A/C condensation and treated wood.
 - g) Damage to the coated Metal caused by contact with corrosive substances, or allowing panel cut edges to be in continual contact with water, damp insulation, soil or vegetation, i.e., setting wall panels directly on the concrete sheeting notch or base trim.
 - h. Damage caused by spray foam insulation.
 - i) This warranty does not apply to products, materials, accessories, parts, or attachments which are not produced by the Manufacturer. In addition, all items not specifically listed as included are hereby excluded from this warranty.
7. Customer shall exercise diligence in inspection of materials as received from Manufacturer prior to use so as to mitigate expense involved to Manufacturer under this warranty.
8. This warranty does not apply to the interior or reverse side finish, nor does it extend to pre-painted materials used in interior (not atmospherically exposed) applications.
9. This warranty does not apply to perforated material.
10. This warranty applies only to the paint film on the material and does not cover in any way any other aspect of the material.
11. If the panel finish fails to perform as indicated under the terms of Performance outlined above, Manufacturer shall have no liability with respect thereto except, at its sole option to repaint, replace, or restore the failed material, which shall be the purchaser's sole and exclusive remedy. When Manufacturer chooses to replace the defective coated Metal, its sole obligation is for the replacement of the material only. Manufacturer shall not be liable for any expenses connected with labor for the replacement of the defective material or any consequential damages. Repainting shall not necessarily be with 70% PVF2/PVDF. In no event, however, shall Manufacturer's responsibility extend to any consequential damages, or for any special, indirect, or consequential loss of profits or any other incidental, general, special, or compensatory damages to anyone because such panels may have been nonconforming. In all cases Manufacturer reserves the right to approve and negotiate the contract for such repainting or restoring. The warranty on any repainted, replaced or restored coated material supplied hereunder shall be for the unexpired portion of the warranty period applicable to the original coated material.

PRECOATED SIGNATURE® 300 PANEL PRECOATED 70% FLUOROPOLYMER PANEL LIMITED PASS-THROUGH WARRANTY

12. Claims must be reported in writing to the Manufacturer within thirty (30) days after discovery of nonconformance, and Manufacturer shall be given a reasonable opportunity (which shall not be less than thirty (30) days from the date of receipt of notification) to inspect the panels claimed to be nonconforming. Adequate identification of the material involved in the claim, including date of installation, Manufacturer's order number, invoice number, and date of shipment must be established by the Buyer. A copy of this document and "sweet water" rinse maintenance log must be presented to Manufacturer at time of claim. All notices given under or pursuant to this Agreement shall be in writing and sent by registered mail, postage prepaid, return receipt requested to:

Attn: Claims Dept.
PO BOX 692055
Houston, TX 77269-2055

- 13.** No terms or conditions other than those stated herein and no agreement or understanding, oral or written in any way purporting to modify this warranty shall be binding on Manufacturer unless made in writing and signed by the President of Manufacturer.
- 14.** This warranty shall not become effective and Manufacturer shall not have any obligation under any warranty until all invoices issued by Manufacturer, Manufacturer's customer, and the Roofing Contractor have been paid in full, in accordance with their terms, without offset, deduction or credit and all installation deficiencies listed in any Manufacturer inspection report have been corrected and all Manufacturer procedures have been followed.
- 15.** This warranty shall extend to the original Building Owner and is non-assignable and/or non-transferable. Should the Owner become insolvent, bankrupt, make an assignment for the benefit of its creditors, or for any reason discontinue its normal or regular business practices, this warranty shall forthwith become null and void and of no legal effect.
- 16.** Any party seeking to enforce claims under this Warranty hereby acknowledges and agrees that (i) all matters relating to the validity, performance, interpretation, and/or enforcement of this Warranty shall be governed by and construed in accordance with the laws of the State of Texas, (ii) any and all claims, actions, proceedings or causes of action relating to the validity, performance, interpretation, and/or enforcement hereof must be submitted to a court of competent jurisdiction in Houston, Harris County, Texas, (iii) this Warranty is capable of being performed in Harris County, Texas, (iv) it irrevocably submits itself to the jurisdiction of the state and federal courts in Harris County, Texas, (v) service of process may be made upon it in any legal proceeding in connection with this Warranty or any other agreement as provided by Texas law, (vi) it irrevocably waives, to the fullest extent permitted by law, any objection that it may now or hereafter have to the laying of venue of any litigation arising out of or in connection with this Warranty or any other agreement or transaction brought in any such court, (vii) it irrevocably waives any claims that litigation brought in any such court has been brought in an inconvenient forum, and (viii) it irrevocably consents to the service of process out of any of the aforementioned courts by the mailing of copies thereof by Certified Mail, Return Receipt Requested, postage prepaid, and its address set forth herein. The scope of each of the foregoing waivers is intended to be all encompassing. Each party acknowledges that this waiver is a material inducement to the agreement of each party hereto to enter into a business relationship, and that each has already relied on this waiver in entering into this Warranty. Each party warrants and represents that it has reviewed these waivers with its legal counsel, and that it knowingly and voluntarily agrees to each such waiver following consultation therewith.
- 17. FORCE MAJEURE. UNDER NO CIRCUMSTANCES SHALL MANUFACTURER BE LIABLE IN ANY WAY TO THE BUILDING OWNER OR ANY OTHER PARTY FOR DELAYS, FAILURE IN PERFORMANCE, OR LOSS OR DAMAGE DUE TO FORCE MAJEURE CONDITIONS INCLUDING, WITHOUT LIMITATION: FIRE; LIGHTNING; STRIKE; EMBARGO; EXPLOSION; POWER SURGE OR FAILURE; ACTS OF GOD; WAR; LABOR OR EMPLOYMENT DISPUTES; CIVIL DISTURBANCES; ACTS OF CIVIL OR MILITARY AUTHORITY; INABILITY TO SECURE MATERIALS, FUEL, PRODUCTS OR TRANSPORTATION FACILITIES; ACTS OR OMISSIONS OF SUPPLIERS, OR ANY OTHER CAUSES BEYOND ITS REASONABLE CONTROL, WHETHER OR NOT SIMILAR TO THE FOREGOING.**
- 18.** Notwithstanding the foregoing, the warranty coverage provided above by Manufacturer shall be expressly limited to and shall include only such warranty coverage on coatings applied to Manufacturer's panel materials by the original supplier(s) thereof. Any and all such warranty coverage available from Manufacturer shall apply only to the same extent that such warranty coverage is available from the original supplier thereof. To the extent that warranty coverage from such supplier(s) is unavailable for any reason whatsoever, Manufacturer shall not have any further liability to purchaser or any other party.

DISCLAIMER-EXCEPT AS EXPRESSLY STATED HEREIN, THE ABOVE WARRANTY PROVISIONS DO NOT COVER COATINGS, PRODUCTS, ACCESSORIES, PARTS OR ATTACHMENTS THAT ARE NOT PRODUCED BY MANUFACTURER. EXCEPT AS OTHERWISE EXPRESSLY STATED, THERE IS NO WARRANTY, REPRESENTATION OR CONDITION OF ANY KIND AND ANY WARRANTY, EXPRESS OR IMPLIED, IS HEREBY EXCLUDED AND DISCLAIMED INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. NOTWITHSTANDING ANYTHING ELSE CONTAINED HEREIN TO THE CONTRARY, IT IS EXPRESSLY UNDERSTOOD AND AGREED THAT MANUFACTURER'S LIABILITY AND PURCHASER'S SOLE REMEDY, WHETHER IN CONTRACT, UNDER ANY WARRANTY, IN TORT (INCLUDING NEGLIGENCE), IN STRICT LIABILITY OR OTHERWISE SHALL NOT EXCEED THE COST OF THE AMOUNT OF THE MATERIALS, EXPRESSLY EXCLUDING LABOR COSTS AND EXPENSES, COSTS OF RENTING REPLACEMENTS AND ANY OTHER ADDITIONAL EXPENSES. UNDER NO CIRCUMSTANCES SHALL MANUFACTURER BE LIABLE FOR ANY SPECIAL, INCIDENTAL, LIQUIDATED OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY, PROPERTY DAMAGE, DAMAGE TO OR LOSS OF EQUIPMENT, LOST PROFITS OR REVENUE, LABOR COSTS AND EXPENSES, COSTS OF RENTING REPLACEMENTS AND OTHER ADDITIONAL EXPENSES, EVEN IF MANUFACTURER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. AS THIS IS A PASS-THROUGH WARRANTY, THIS WARRANTY IS NOT ISSUED BY UNION CORRUGATING COMPANY, A DIVISION OF NCI GROUP, INC. MANUFACTURER WILL NOT BE LIABLE FOR ANY DAMAGES, LOSSES OR EXPENSES AS A RESULT OF PURCHASER'S (OR ANY OTHER PARTY'S) NEGLIGENCE, WHETHER DEEMED ACTIVE OR PASSIVE AND WHETHER OR NOT ANY SUCH NEGLIGENCE IS THE SOLE OR PARTIAL CAUSE OF ANY SUCH DAMAGE, LOSS OR EXPENSE. IN ADDITION, UNDER NO CIRCUMSTANCES SHALL MANUFACTURER BE LIABLE FOR ANY DAMAGES, LOSSES OR EXPENSES WHATSOEVER AS A RESULT OF ANY OTHER PARTY'S MATERIALS OR PRODUCTS WHICH CAUSE OR ALLEGEDLY CAUSE, IN WHOLE OR IN PART, DAMAGE, LOSS OR DETERIORATION TO THE MANUFACTURER'S WALL AND/OR ROOF PANELS.

Signature® is a registered trademark of NCI Group, Inc. This warranty applies to the following Signature 300 colors only: Almond, Bone White, Brite Red, Brownstone, Classic Green, Colonial Red, Copper Metallic, Harbor Blue, Medium Bronze, Midnight Black, Midnight Bronze, Pacific Blue, Slate Gray, Snow White, Storm Gray, and Tundra. Please contact your sales representative for any other non-standard or custom color.

Buyer/Supplier	Name: _____ Address: _____
	City: _____ State: _____ Zip: _____ UNION ORDER # (REQUIRED): _____
	Date: _____
Installer	Name: _____ Address: _____
	City: _____ State: _____ Zip: _____
Purchase/Owner	Name: _____ Address: _____
	City: _____ State: _____ Zip: _____