

ADDENDUM #2

Project Name: DOC MPCF New Apprenticeship Building
DAS#9383.00
RFB938300-01
Addendum #2
Dated: July 29, 2024

This Addendum forms a part of the Request For Bids documents. This Addendum supersedes and supplements all portions of the original Request For Bids with which it conflicts.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE REQUEST FOR PROPOSAL. FAILURE TO DO SO MAY SUBJECT TO DISQUALIFICATION.

1. Questions:

- a. What use category does the building fall under? **Answer: Risk Category II**
- b. What is the specified collateral load? **Answer: 7 psf**
- c. Who is providing schedule? **Answer: General Contractor**
- d. How is electrical and data getting to building if alternate is not done? **Answer: Boring from existing utilities to new building mechanical room**
- e. Is there tool control/check-in? **Answer: Yes, at the beginning and end of each work day.**
- f. Do all spoils need to be removed from site? **Answer: yes**
- g. Building permit required? **Answer: No**
- h. Who is providing testing, what testing will need done? **Answer: Third party testing to be provide by owner. Tests will need to be performed per specification section 014533-Special Inspections and Procedures.**
- i. Work hours? **Answer: 6:00 am to 5:00 pm**
- j. Project budget? **Answer: \$909,500.00**
- k. Is there anything needed for access control/VMS on this project? **Answer: No.**
- l. Could we get clarification on the structure of the ceiling above restrooms and mech spaces? **Answer: Ceiling/floor structure is in drawing 1/S-100**
- m. Who is responsible for the building permit fee? **Answer: Owner**
- n. Is Builder's Risk insurance provided by the owner, or is it by contractor? **Answer: See Section 002113.02 for example of Liability Insurance Required.**
- o. Special Testing is stated to be by owner. Does this include concrete compressive strength tests and proctors? Or are standard ones like this to be by contractor? **Answer: Answer: Third party testing to be provide by owner. Tests will need to be performed per specification section 014533-Special Inspections and Procedures.**
- p. Water and electrical connection are to be by owner, but usage rates and temp installs are to be by Contractor? Can you please confirm this? **Answer: Usage rates and temp install are by contractor**
- q. Is the \$10M dollar Umbrella amount as shown in the specifications a requirement from the state of Iowa that cannot be modified for this project? **Answer: Yes, this is a requirement from DAS. Refer to the ConsensusDOCS 802 paragraph 10.2.2**
- r. Is 24 gauge roof and wall panels acceptable? **Answer: 24 gauge Metal Roof and Wall panels are acceptable. Change Specification Section 133419 2.8.A and B. to the following:
A. Siding: Minimum 24 gauge metal thickness, PBR profile indicated, 1.25 inch deep, lapped edges fitted with continuous gaskets.**

- B. Roofing: Minimum 24 gauge metal thickness, standing seam profile, male/female edges fitted with continuous gaskets. Trapezoidal profile acceptable.”**
- s. What is the Standard Occupancy? **Answer: Occupancy and building type is in the table on G-101**
 - t. Is the roofing option a screw-down or a standing seam (we would use the Butler MR-24 roof system) roof? **Answer: Roof is standing seam,**
 - u. Does the 12" curb extend around all walls of the building? **Answer: 12” curb all around the building**
 - v. The 14' x 12' doors get a jack shaft side mounted opener, but for the 14' x 15' is it ok to quote a trolley opener, normally for standard lift operation doors we would do a trolley opener. A side mounted one would more than likely throw the cables and the door would get hung up. **Answer: I don't have any objections, we did high lift for the lower doors but this one will be high anyway**
 - w. The glazing is called out as clear annealed with a black spacer. These would typically be dark gray. The issue is that it is called out for a .38 summer U-value which would be standard clear glass with no low E, but it also calls for a Solar Heat Gain Coefficient of .40 which can only be achieved by a high power low E or a the use of tinted glass. We can figure clear and easily meet the U-value, but cannot meet the .4 SHGC. Which is the more important standard to meet? **Answer: U-Value is controlling criteria. SHGC per code requirements is 0.40. Provide tinted assembly if required to meet SHGC requirements.**
 - x. Are there any data or security drawings? **Answer: : Note 16 on the Electrical Symbols Sheet can be disregarded. Currently, there are no plans for a security system at the Apprenticeship Building. The only data drops in the building are to the Wireless Access Points (WAPs), coordinate with Owner for final location as they may provide ceiling or wall mount WAPs.**
 - y. Is a fire alarm system required? **Answer: No, Fire Alarm System is not required for this building**
 - z. Regarding BFP-1 on plan P-601 and Specification section 22119-1, paragraph 2.4A.4 is calling for a flood shut down solenoid valve. Typically, this option is reserved for larger builds with a domestic service 2" and larger. This building has a 1" service and the smallest flood protection device is 1-1/4" that has a list price of \$17,890.00. Does this building really need it? **Answer: No, this solenoid can be omitted**
 - aa. Was just wondering if there was a color choice for the overhead doors. Or if it is going to be a standard color of white? **Answer: White is acceptable.**
 - bb. Does the bid submission get emailed to this address? **Answer: No. Bids must be submitted through IMPACS.**
 - cc. Looking through the drawing for option three on the in-floor heat. I don't see drawings or equipment for the two in floor heat loops to connect to anything. Are we just installing the tubing and the two headers as the option for this project or is there equipment and piping drawings to make this a operating system. Please let me know thanks. **Answer: You are to install the tubing, headers, and insulation as shown on the drawings. Owner to provide and install other ancillary equipment at a later date.**

2. Drawings:

- a. None.

3. Attachments:

- a. Substitution requests

END OF ADDENDUM



SUBSTITUTION REQUEST

(During the Bidding/Negotiating Stage)

Project: _____ Substitution Request Number: _____

From: Alliance Steel, Inc.

To: _____ Date: _____

A/E Project Number: _____

Re: Product Substitution/Approval Contract For: Material Supply

Specification Title: _____ Description: _____

Section: _____ Page Number: _____ Article/Paragraph: _____

Proposed Substitution: _____

Manufacturer: Alliance Steel, Inc. Address: 3333 S Council Rd, OKC, OK 73179 Phone: (405) 745-7500, (800) 624-1579

Trade Name: Pre-engineered metal building systems & components Model No.: _____

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: _____

Signed by: _____

Firm: Alliance Steel, Inc.

Address: 3333 South Council Rd

Oklahoma City, OK 73179

Telephone: P.(405) 745-7500, Toll Free(800) 624-1579, Fax(405)745-7502

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: _____ Date: _____

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____

Architect's Note - Substitution reviewed, no exceptions. All materials and finishes must meet specification during submittal review.



ALLIANCE STEEL, INC. • 3333 SOUTH COUNCIL ROAD • OKLAHOMA CITY, OK • 73179 PHONE: (405) 745-7500 • FAX: (405) 745-7503
www.allianceokc.com

MANUFACTURER'S QUALIFICATION STATEMENT

Alliance Steel, Inc. has been manufacturing custom designed, superior steel building systems & building components since 1972. Our team's ambitious attitude and strong financial growth has allowed us to obtain a 57-acre campus in Oklahoma City, OK that contains a 420,000 square foot manufacturing plant along with two additional 15,000 square foot administrative facilities. Our manufacturing plant is one of the largest, most automated steel building plants in the country. The construction of these facilities is not only a reflection of our success in the marketplace, but a reflection of our strong desire to provide the highest quality product that is most economical to our clients.

MANUFACTURING FACILITIES

Shop Capacity:

- 4000 tons per month

Welding Area: (50 tons per shift)

- 1 – Franklin© CNC Automated Flange Line
- 1 – Franklin© CNC Automated Weld Lines with 2 – Messer© Plasma Cutting Systems
- 4 – 125 Ton Iron-Workers®
- 55 – Complete Weld Stations staffed with AWS certified welding professionals

Paint Area:

- 3 – Binks© Airless Paint Systems

Secondary Structural Roll-Forming Area: (60 tons per shift)

- 2 – ASC© Fully Automated Cee and Zee Roll-Forming Lines
- 1 – ASC© Automated Purlin Strut, Flange Brace, and Hat Channel Roll-Former
- 1 – Jorns© 40' CNC Automated Press Brake
- 1 – LVD© 30-ton CNC Press Brake

Panel Roll-Forming Area: (80 tons per shift)

- 6 – ASC© CNC Automated Roll-Forming Lines Producing:
 - AllianceSeam-24 (AS-24) – Standing Seam Roof System (mechanical seam)
 - AllianceLok-16 (Alok-16) – Standing Seam Roof System (mechanical seam)
 - NFS-16 – Standing Seam Roof System (snap-lock seam)
 - PBR – Roof & Wall Panel
 - PBA – Roof & Wall Panel
 - PBM – Roof & Wall Panel
 - ABT-32 – Corrugated Roof & Wall Panel
 - AllianceWall-16 – Concealed Fastener Wall System (Shadow-Rib)
 - LT 3.3 – Roof & Wall Panel
 - IP-36 – Roof & Liner Panel
 - A-12 – Concealed Fastener Soffit, Roof/Wall Liner Panel
 - Perforated 0.032" Aluminum A-12 & PBM – Soffit, Roof/Wall Liner Panel (white only)



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www.allianceokc.com

Trim Area:

- 2 – 20' Jorns© Twin-Folding Automated Trim Machines
- 4 – 20' Jorns© Automated Trim Folders
- 1 – Complete Coil Slitting Line
- 1 – Corrugated Downspout Roll-Forming Line
- 2 – Slitting Machines
- 5 – Manual form bays for complex, custom trim applications

Fastener and Accessory Area:

- 50' x 300' multi-sectioned automated warehouse area used to store all screws, bolts, walk door packages, windows, skylights and standing seam roof system accessories.

Maintenance Area:

- 50' x 100' area staffed with industry leading maintenance professionals, machinery, tools and maintenance systems necessary to maintain entire facility.

Loading and Shipping Facilities:

- 32 – Top Running Electric Bridge Cranes ranging from 5-ton to 10-ton capacities located throughout sectioned 13 line manufacturing facility.
- 4 – 8,000 lb. capacity forklifts.
- 10 – Truck Fleet for regional deliveries. We also utilize multiple 3rd party carriers for deliveries outside primary central United States region.

Engineering Capabilities:

- Alliance Steel, Inc. is authorized by the State of Oklahoma and (38) additional states to offer engineering services. We have seven in house engineers, eleven in house detailers and eleven draftsman. We also utilize two primary outside detailing firms to handle any overflow detailing and drafting.

Proposal Submittal Time:

- 1 day on most buildings, 2 to 3 days on special quotes.

Delivery Time:

- Two to four days on most component orders and four to six on most building orders.

Accreditation:

- Alliance Steel, Inc. is a member in good standing of the Metal Building Manufacturers Association (MBMA) and is accredited by the International Accreditation Services (IAS) to have the personnel, organization, experience, capability and commitment to manufacture Metal Building Systems under AC472. (See Attached for latest Accreditation)

Alliance Steel, Inc. appreciates the privilege of submitting this information to you.



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Alliance Job No: 10-611
 Project Name: North Central Market Family Health Center
 Square Footage: 7,830 (3 Stories)
 Contract Amount: \$306,462.00
 Location: Waco, TX
 Architect: RBDR Architects, PLLC
 Contractor: Built-Wright Construction
 (254) 412-0801

Alliance Job No: 10-070
 Project Name: Riverside School District
 Square Footage: 76,343
 Contract Amount: \$972,753.00
 Location: Lake City, AR
 Architect: Cahoon Steeling Studio Architecture
 Contractor: Tate General Contractors
 (870) 935-4428

Alliance Job No: 10-029
 Project Name: Council Grove Elementary School
 Square Footage: 66,410
 Contract Amount: \$657,006.00
 Location: Oklahoma City, OK
 Architect: Boynton Williams & Associates
 Contractor: Crossland Construction Co.
 (405) 329-1414

Alliance Job No: 11-001
 Project Name: Compass Manufacturing LLC
 Square Footage: 38,250
 Contract Amount: \$1,026,593.00
 Location: Oklahoma City, OK
 Architect: Elliot & Associates Architects
 Contractor: Smith & Plckel Construction
 (405) 755-7624

Alliance Job No: 09-215
 Project Name: Montgomery County ESD #10 Magnolia Fire Station
 Square Footage: 31,372
 Contract Amount: \$401,323.00
 Location: Magnolia, TX
 Architect: Slattery Tackett Architects
 Contractor: LDF Construction
 (281) 353-0936



CERTIFICATE OF ACCREDITATION

This is to attest that

ALLIANCE STEEL INC.

3333 SOUTH COUNCIL ROAD
OKLAHOMA CITY, OKLAHOMA 73179U, U.S.A.

Inspection Program for Manufacturer of Metal Building Systems MB-190

has met the requirements of AC472, IAS Accreditation Criteria for Inspection Programs for Manufacturers of Metal Building Systems, Part A-Fabrication of Structural Weldments and Cold-formed Products Requiring Welding, Part B-Fabrication of Cold-formed Products Not Requiring Welding, Part C-Design of Metal Building Systems, and the in-plant inspection program is in compliance with Section 1704.2.5.1 of the 2015 and 2018 *International Building Code*®, Section 1704.2.5.2 of the 2012 *International Building Code*®, and Section 1704.2.2 of earlier code editions. Periodic plant inspections are conducted by Farabaugh Engineering and Testing, Inc. (AA-715), to monitor compliance with the requirements of AC472.

This certificate is valid up to December 1, 2024

(Accreditation does not cover the product or the specific design or performance characteristic of the manufactured products)



A handwritten signature in black ink that reads "Raj Nathan".

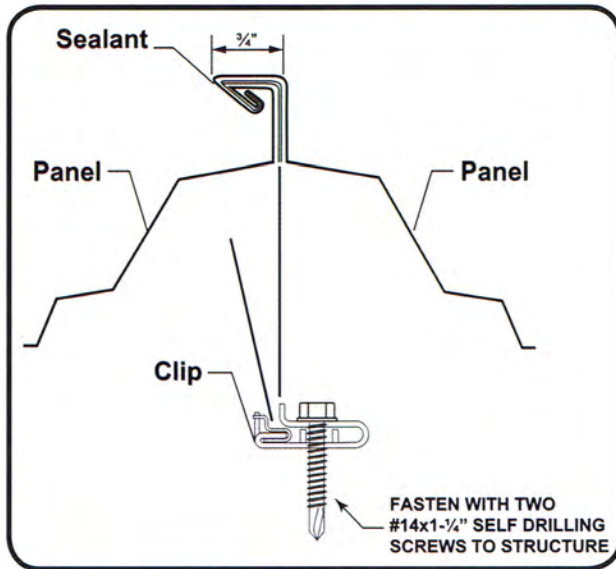
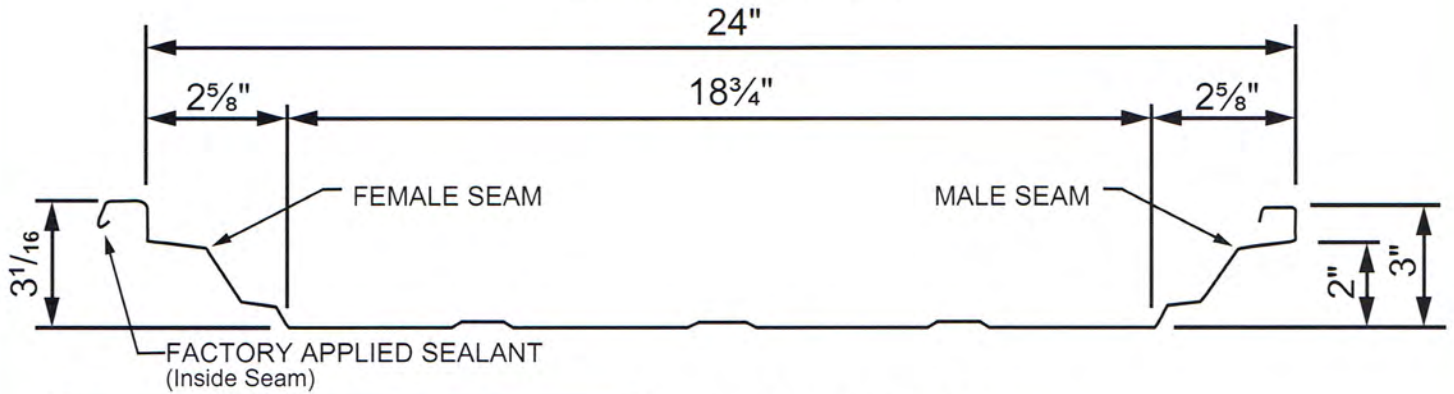
President

Visit www.iasonline.org for current accreditation information.



AS-24 PANEL

ALLIANCE SEAM 24



- 24" Wide Panel Coverage
- Mechanical Seamed TripleLok or QuadLok
- Ideal For Low Slope Applications
- Factory-Applied Sealant In The Female Rib
- Weathertightness Warranties Are Available
- Army Corps Of Engineers ASTM E-1592 Tested
- Texas Department of Insurance Windstorm Tested
- UL 90 Class 580 Wind Uplift Rated
- FM Class 1-90, 1-105, 1-120, 1-165 and 1-180 Rated
- FM Fire And Class 1-SH Hail Resistance Rated
- ASTM E-1680 Air and E-1646 Water Tested



AS-24 PANEL

The following recognized certifications and listings have been earned:

Underwriters Laboratories UL-90 Classification Construction No. 556

Factory Mutual Class 1-90, 1-105, 1-120, 1-165 and 1-180 listing. Corps of Engineers CEGS 07416 Uplift Test.

ASTM E 1592 Uplift Test (three tests each span each gauge)

ASTM E 1680 Air Infiltration

ASTM E 1646 Water Leakage

FM Const# 15,17, 18, 78723, 78724, 78726

Factory Mutual Class 1-SH Severe Hail Rating

The AllianceSeam 24 roof system utilizing the TS-324™ panel system technology has been tested and certified by independent testing agencies and laboratories and achieved the loads and listings shown below.

Underwriters Laboratories Inc. Construction No. 556, 556A, 556B

AllianceSeam 24 roof with TripleLok and QuadLok Seam

UL Listing	Panel Width	Panel Gauge	Seam Type	Purlin Gauge	Purlin Spacing
UL-60	24"	24 ga.	All Seam Types	16 ga.	5'0"
UL-90	24"	24 ga.	All Seam Types	16 ga.	5'0"

Factory Mutual 4477 Uplift Test Results

AllianceSeam 24 roof with TripleLok or QuadLok Seam

FM Listing	Panel Width	Panel Gauge	Purlin Depth	Purlin Gauge	Purlin Spacing
1-60	24"	24 ga.	8"	16 ga.	5'0"
1-90	24"	24 ga.	8"	16 ga.	4'0"

Texas Department of Insurance Uplift Results QuadLok Seam

Purlin Spacing	Panel Width	Panel Gauge	Report # C-1950-1
2'0"	24"	24 ga.	120.0
5'0"	24"	24 ga.	45.0
Factor Of Safety = 2.0			

ASTM E 1592 Uplift Test Results

AllianceSeam 24 roof with TripleLok Seam

Purlin Spacing	Panel Width	Panel Gauge	Report # C-1417-1
2'0"	24"	24 ga.	149.7
5'0"	24"	24 ga.	71.2
Factor Of Safety = 1.65			

ASTM E 1592 Uplift Test Results

AllianceSeam 24 roof with QuadLok Seam

Purlin Spacing	Panel Width	Panel Gauge	Report # C-1419-2
2'0"	24"	24 ga.	183.3
5'0"	24"	24 ga.	81.1
Factor Of Safety = 1.65			

ASTM E-1680 Air Infiltration @ 1.57 psf = 0.001 CFM/sq.ft

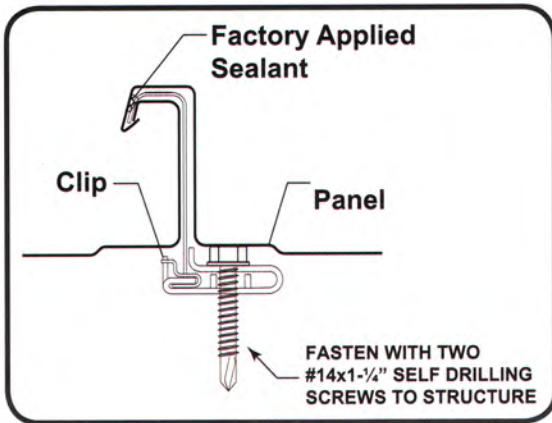
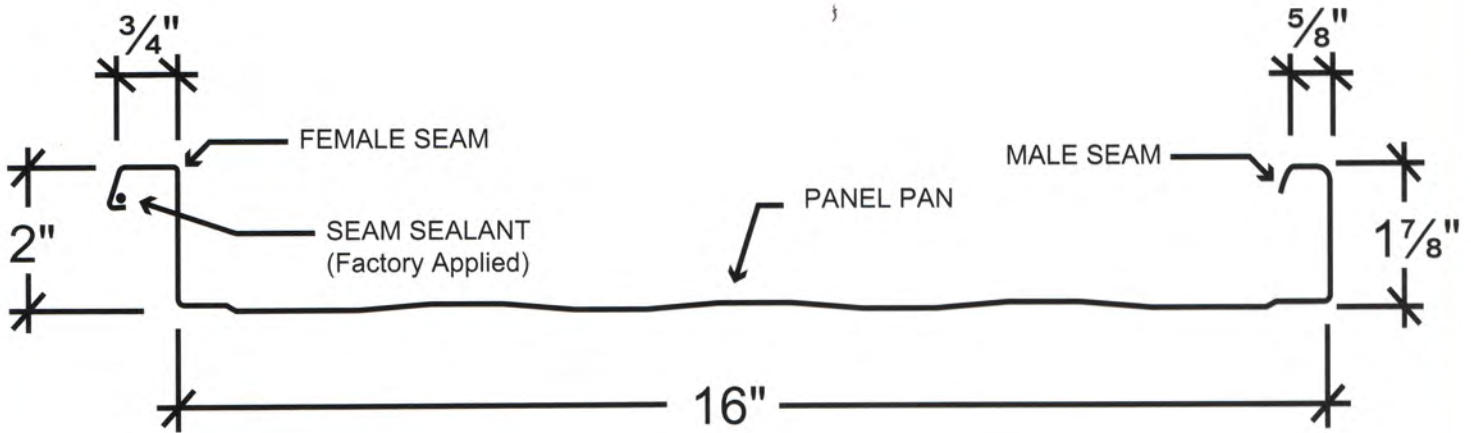
ASTM E-1646 Water Penetration = None @ 20.0 psf

Design Load = (Mean Ultimate Load/sf)x 1.33 when allowed by building code



ALOK-16 PANEL

Mechanically Seamed Roof Panel



- 16" Panel with 2" Structural Standing Seam For Open Framing
- 90° or 180° Mechanical Seam
- Can be used on roof slopes as low as 1/2:12
- Factory-Applied Sealant In The Female Rib
- Clips Allow A Full 3" Of Thermal Movement
- Ideal For Challenging Hip And Valley Roof Designs
- Available Striated Or With Pencil Stiffener Ribs
- UL 90 Class 580 Wind Uplift Rated.
- FM 4471 Class 1-90 and 1-165 Uplift Rated
- FM Fire and Class 1-SH Hail Resistance Rated
- Army Corps Of Engineers ASTM E-1592 Tested
- ASTM E-1680 Air and E-1646 Water Tested
- Texas Department of Insurance Windstorm Tested
- Weathertight Warranties Available



ALOK-16 PANEL

The AllianceLok 16 panel system has been tested and certified by independent testing agencies and laboratories and achieved the loads and listings shown below

Underwriters Laboratories Inc. Construction No. 506, 506A, 506B
AllianceLok 16 roof with TripleLok and QuadLok Seam

UL Listing	Panel Width	Panel Gauge	Seam Type	Purlin Gauge	Purlin Spacing
UL-90	16"	24 ga.	All Seam Types	16 ga.	5'0"

Factory Mutual 4471 Uplift Test Results

AllianceLok 16 roof with TripleLok or QuadLok Seam

FM Listing	Panel Width	Panel Gauge	Purlin Depth	Purlin Gauge	Purlin Spacing
1-90	16"	24 ga.	8"	16 ga.	5'0"
1-165	16"	22 ga.	8"	16 ga.	2'6"

ASTM E 1592 Uplift Test Results

AllianceLok 16 roof with TripleLok Seam

Purlin Spacing	Panel Width	Panel Gauge	AISI Report # C-1432-1
2'0"	16"	24 ga.	136.4
5'0"	16"	24 ga.	56.6

COE 07416 Factor Of Safety = 1.65

ASTM E 1592 Uplift Test Results

AllianceLok 16 roof with QuadLok Seam

Purlin Spacing	Panel Width	Panel Gauge	AISI Report # C-1432-2
2'0"	16"	24 ga.	191.2
5'0"	16"	24 ga.	78.8

COE 07416 Factor Of Safety = 1.65

ASTM E-1680 Air Infiltration @ 1.57 psf = 0.001 CFM/sq.ft

ASTM E-1646 Water Penetration = None @ 50.0 psf

Texas Department of Insurance Windstorm Tested

ALLIANCE STEEL, INC 3333 SOUTH COUNCIL ROAD OKLAHOMA CITY, OK 73179

Phone: (800) 624-1579

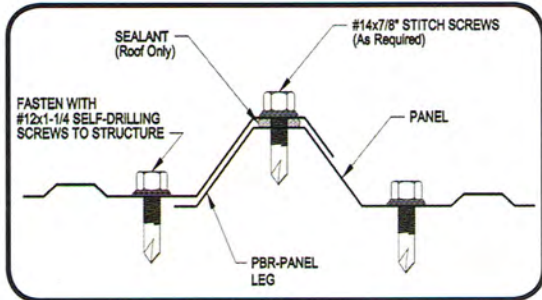
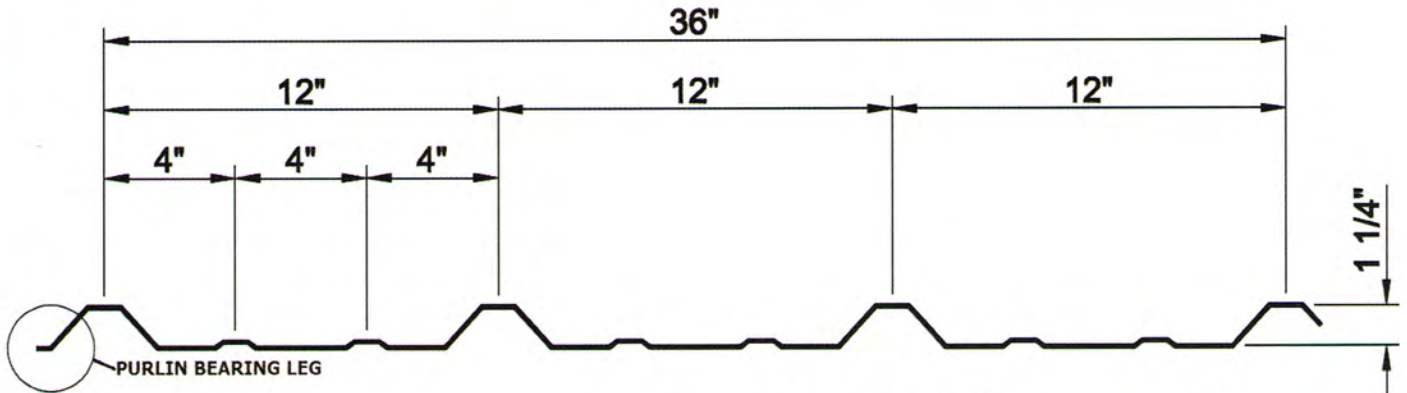
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Fax: (405) 745-7503



PBR PANEL

Efficient, Effective Roof And Wall Panel



- 36" Wide Panel Coverage With Positive Fastening
- Excellent For Roof, Wall, Soffit and Parapet Backer Applications
- Purlin Bearing Rib Provides Superior Weather Resistance
- Industry Standard Commercial and Residential Profile
- Can Used On Slopes As Low As 1:12 With Field Applied Mastic
- Texas Department Of Insurance Windstorm Tested #RC-433
- UL Class 90 Wind Uplift Rated Over Multiple Substrates
- UL 2218 Class 4 Impact (Hail) Resistance Rating
- UL 263 Class A One-Hour Fire Resistance Rated
- Matching Light Transmitting Panels Are Available
- Available In Several Gauges, Finishes And Colors



PBR PANEL

SECTION PROPERTIES

PANEL	Fy	WEIGHT	PANEL TOP IN COMPRESSION			PANEL BOTTOM IN COMPRESSION		
			Ixe	Sxe	Maxo	Ixe	Sxe	Maxo
			(IN. 4/FT.)	(IN. 3/FT.)	(KIP-IN.)	(IN. 4/FT.)	(IN. 3/FT.)	(KIP-IN.)
26	80	0.85	0.0378	0.0387	1.394	0.0345	0.0458	1.648
24	50	1.11	0.0560	0.0593	1.777	0.0467	0.0603	1.808
22	50	1.38	0.0757	0.0817	2.446	0.0600	0.0757	2.274

SPAN TYPE	LOAD TYPE	SPAN IN FEET									
		3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5

ALLIANCE R-PANEL ALLOWABLE LIVE LOADS - ALL LOADS IN POUNDS PER SQUARE FOOT

26 Gauge (Fy=80 ksi)	SINGLE	STRESS	103.3	75.9	58.1	45.9	37.2	30.7	25.8	22.0	19.0	16.5
		DEFLECTION	103.3	75.9	58.1	45.9	37.2	29.8	22.9	18.0	14.4	11.7
	2-SPAN	STRESS	122.1	89.7	68.7	54.3	44.0	36.3	30.5	26.0	22.4	19.5
		DEFLECTION	122.1	89.7	68.7	54.3	44.0	36.3	29.8	23.5	18.8	15.3
	3-SPAN	STRESS	142.6	104.8	80.2	63.4	51.3	42.4	35.7	30.4	26.2	22.8
		DEFLECTION	142.6	104.8	80.2	63.4	51.3	42.4	35.7	30.4	26.2	22.1

24 Gauge (Fy=80 ksi)	SINGLE	STRESS	131.6	96.7	74.0	58.5	47.4	39.2	32.9	28.0	24.2	21.1
		DEFLECTION	131.6	96.7	74.0	58.5	47.4	39.2	32.9	26.7	21.4	17.4
	2-SPAN	STRESS	134.0	98.4	75.3	59.5	48.2	39.9	33.5	28.5	24.6	21.4
		DEFLECTION	134.0	98.4	75.3	59.5	48.2	39.9	33.5	28.5	24.6	21.4
	3-SPAN	STRESS	156.5	115.0	88.0	69.5	56.3	46.6	39.1	33.3	28.7	25.0
		DEFLECTION	156.5	115.0	88.0	69.5	56.3	46.6	39.1	33.3	28.7	25.0

22 Gauge (Fy=80 ksi)	SINGLE	STRESS	181.2	133.1	101.9	80.5	65.2	53.9	45.3	38.6	33.3	29.0
		DEFLECTION	181.2	133.1	101.9	80.5	65.2	53.9	45.3	36.1	28.9	23.5
	2-SPAN	STRESS	168.4	123.7	94.7	74.9	60.6	50.1	42.1	35.9	30.9	26.9
		DEFLECTION	168.4	123.7	94.7	74.9	60.6	50.1	42.1	35.9	30.9	26.9
	3-SPAN	STRESS	196.8	144.6	110.7	87.4	70.8	58.5	49.2	41.9	36.1	31.5
		DEFLECTION	196.8	144.6	110.7	87.4	70.8	58.5	49.2	41.9	36.1	31.5

ALLIANCE R-PANEL ALLOWABLE WIND UPLIFT LOADS - ALL LOADS IN POUNDS PER SQUARE FOOT

26 Gauge (Fy=80 ksi)	SINGLE	STRESS	122.1	89.7	68.7	54.3	44.0	36.3	30.5	26.0	22.4	19.5
		DEFLECTION	122.1	89.7	68.7	49.6	36.2	27.2	20.9	16.5	13.2	10.7
	2-SPAN	STRESS	103.3	75.9	58.1	45.9	37.2	30.7	25.8	22.0	19.0	16.5
		DEFLECTION	103.3	75.9	58.1	45.9	37.2	30.7	25.8	21.4	17.2	13.9
	3-SPAN	STRESS	120.6	88.6	67.9	53.6	43.4	35.9	30.2	25.7	22.2	19.3
		DEFLECTION	120.6	88.6	67.9	53.6	43.4	35.9	30.2	25.7	22.2	19.3

24 Gauge (Fy=80 ksi)	SINGLE	STRESS	134.0	98.4	75.3	59.5	48.2	39.9	33.5	28.5	24.6	21.4
		DEFLECTION	134.0	98.4	75.3	59.5	48.2	36.8	28.3	22.3	17.8	14.5
	2-SPAN	STRESS	131.6	96.7	74.0	58.5	47.4	39.2	32.9	28.0	24.2	21.1
		DEFLECTION	131.6	96.7	74.0	58.5	47.4	39.2	32.9	28.0	23.2	18.9
	3-SPAN	STRESS	153.8	113.0	86.5	68.3	55.4	45.8	38.4	32.8	28.2	24.6
		DEFLECTION	153.8	113.0	86.5	68.3	55.4	45.8	38.4	32.8	28.2	24.6

22 Gauge (Fy=80 ksi)	SINGLE	STRESS	168.4	123.7	94.7	74.9	60.6	50.1	42.1	35.9	30.9	26.9
		DEFLECTION	168.4	123.7	94.7	74.9	60.6	47.3	36.4	28.6	22.9	18.6
	2-SPAN	STRESS	181.2	133.1	101.9	80.5	65.2	53.9	45.3	38.6	33.3	29.0
		DEFLECTION	181.2	133.1	101.9	80.5	65.2	53.9	45.3	37.3	29.9	24.3
	3-SPAN	STRESS	211.7	155.5	119.1	94.1	76.2	63.0	52.9	45.1	38.9	33.9
		DEFLECTION	211.7	155.5	119.1	94.1	76.2	63.0	52.9	45.1	38.9	33.9

ALLIANCE STEEL, INC 3333 SOUTH COUNCIL ROAD OKLAHOMA CITY, OK 73179

Phone: (800) 624-1579

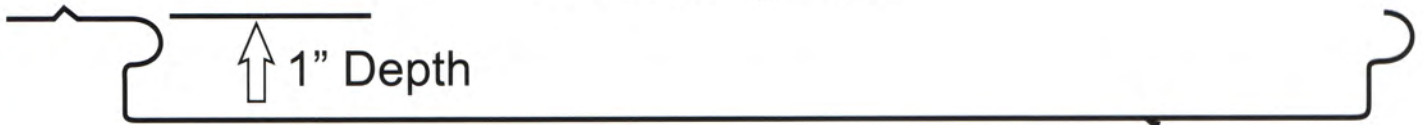
www.allianceokc.com

Fax: (405) 745-7503



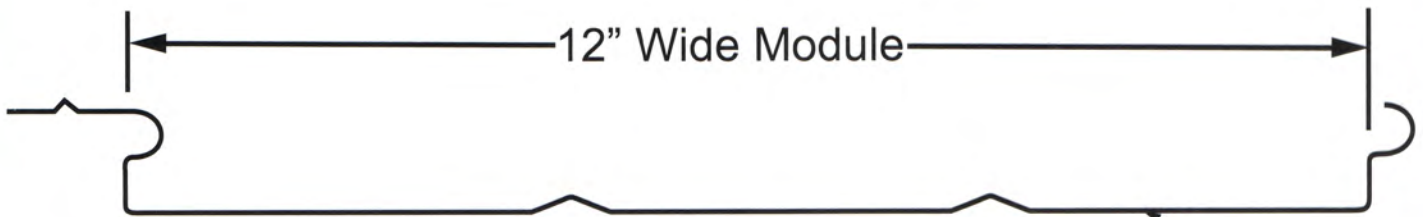
A-12 PANEL

Flush Seam Soffit Panel



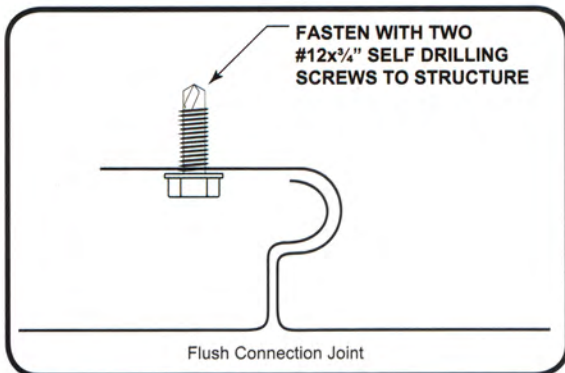
With Flat Pan

Color

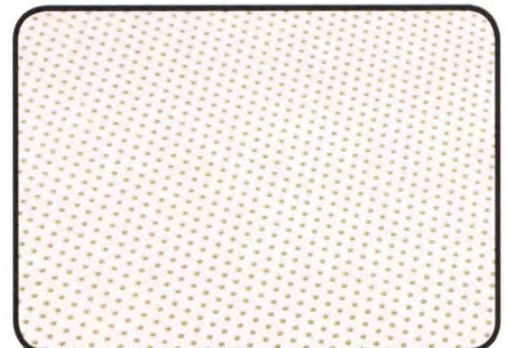


With Beaded Pan

Color



- 12" Low Profile Flush Panel With A Clean Smooth Appearance
- Painted Steel Soffits Need No Painting Nor Maintenance
- Strong Positive Attachment With Concealed Fasteners
- Low Profile Soffit Easily Nests Inside Framing Members
- Unobtrusive Low Gloss Long Life Paint System
- Available With A Smooth Flat Pan Or Two V Beads
- Perforated Aluminum Option Provides 13.5% Open Venting



.024 Aluminum Substrate Only



A-12 SOFFIT PANEL

SECTION PROPERTIES								
			NEGATIVE BENDING			POSITIVE BENDING		
PANEL	Fy	WEIGHT	Ixe	Sxe	Maxo	Ixe	Sxe	Maxo
GAUGE	(KSI)	(PSI)	(IN. 4/FT.)	(IN. 3/FT.)	(KIP-IN.)	(IN. 4/FT.)	(IN. 3/FT.)	(KIP-IN.)
24	50	1.31	0.0271	0.0309	0.9250	0.0178	0.0296	0.8871
22	50	1.65	0.0374	0.0428	1.2829	0.0252	0.0441	1.3199

NOTES:

1. All calculations for the properties of A12 panels are calculated in accordance with the 1996 edition of the COLD-FORMED STEEL Design Manual, w/ 1999 supplement - published by the American Iron and Steel Institute (AISI).
2. Ixe is for deflection determination.
3. Sxe is for Bending.
4. Maxo is allowable bending moment.
5. All values are for the one foot of panel width.

ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT

24 Gauge (Fy=50 KSI)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		2.0	2.5	3.0	3.5	4.0	4.5	5.0
SINGLE	POSITIVE WIND LOAD	194.0	99.4	57.5	36.2	24.3	17.0	12.4
2-SPAN	POSITIVE WIND LOAD	142.9	92.5	64.7	47.7	36.6	29.0	23.5
3-SPAN	POSITIVE WIND LOAD	176.0	114.5	80.30	59.40	45.60	32.10	23.4
4-SPAN	POSITIVE WIND LOAD	165.2	107.3	75.2	55.5	42.7	33.8	24.9

22 Gauge (Fy=50 KSI)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		2.0	2.5	3.0	3.5	4.0	4.5	5.0
SINGLE	POSITIVE WIND LOAD	275.3	141.0	81.6	51.4	34.4	24.2	17.6
2-SPAN	POSITIVE WIND LOAD	210.2	136.7	95.8	70.7	54.3	43.0	34.9
3-SPAN	POSITIVE WIND LOAD	257.8	168.7	118.6	87.8	64.9	45.6	33.3
4-SPAN	POSITIVE WIND LOAD	242.3	158.2	111.1	82.2	63.2	48.4	35.3

NOTES:

1. Allowable loads are based on uniform span lengths.
2. POSITIVE WIND LOAD has been increased by 33.333%
3. POSITIVE WIND LOAD is limited by bending, shear, combined shear & bending, or web crippling.
4. POSITIVE WIND LOAD is limited by a maximum deflection ratio of L/180 of span.
5. Contact Alliance for negative wind load values.

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www.allianceokc.com

Fax: (405) 745-7503

Architect's Note -
Substitution reviewed, no
exceptions. All materials and
finishes must meet
specification during
submittal review.

DOC MPCF Apprenticeship Building
Mount Pleasant, IA
DAS#9383.00
RFB938300-01

SUBSTITUTION REQUEST FORM

Project: DOC MPFC New Appreticeship Bldg Substitution Request Number: _____
From: Chief Buildings
To: Horizon Architecture Date: 7-18-24
A/E Project Number: 9383
Re: Michael Nolan

Specification Title: PEMB Div 13 Description: Pre Engineered Metal Bld
Section: 133419 Page: 1 Article/Paragraph: _____

Proposed Substitution: PEMB Approved Supplier
Manufacturer: Chief Blds Address: Grand Island, NE Phone: 308-389-7462
Trade Name: PEMB Supplier Model No.: _____

History: New product 2-5 years old 5-10 yrs old More than 10 years old

Differences between proposed substitution and specified product: NA

Point-by-point comparative data prepared by contractor and attached - REQUIRED BY A/E

Reason for not providing specified item: _____

We are the PEMB supplier for Jensen Builders bidding on this project.

Similar Installation:

Project: DSM Airport Deicing Architect: Graham Smith - Columbus, OH
Address: _____ Owner: Des Moines International Airport
Des Moines, IA Date Installed: Current

Proposed substitution affects other parts of Work: No Yes; explain _____

Supporting Data Attached: Drawings Product Data Samples Tests Reports _____



July 16, 2024

Horizon Architecture
3116 Alpine Ct.
Iowa City, Iowa, 52245

RE: DOC MPCF New Apprenticeship Building — Metal Building System Request for Approval

To Whom It May Concern:

The purpose of this letter is to respectfully request your consideration of Chief Buildings as an approved supplier for the metal building system for the DOC MPCF New Apprenticeship Building project. Chief Buildings, a division of Chief Industries based in Grand Island, Nebraska, has been a manufacturer of custom-engineered building systems for over 50 years. We are an active member of the MBMA and are IAS-MB Accredited. We can meet or exceed the criteria set forth in Specification Section 13 34 19 and MSC and CS.

Exceptions:

Please refer to the attached documentation for reference, and kindly visit us at www.chiefbuildings.com for additional information.

Thank you for your consideration.

Respectfully,

Greg Hastings-Jensen Builders LLC
District Sales Manager - Chief Buildings
greg.hastings@chiefind.com
5152183941



CERTIFICATE OF ACCREDITATION

This is to attest that

CHIEF BUILDINGS - RENSSELAER INDIANA A DIVISION OF CHIEF INDUSTRIES, INC.

1225 EAST MAPLE STREET
RENSSELAER, INDIANA 47978, U.S.A.

Inspection Program for Manufacturer of Metal Building Systems MB-124

has met the requirements of AC472, *IAS Accreditation Criteria for Inspection Programs for Manufacturers of Metal Building Systems*, Part A-Fabrication of Structural Weldments and Cold-formed Products Requiring Welding, Part B-Fabrication of Cold-formed Products Not Requiring Welding in compliance with Section 1704.2.5.1 of the 2015 and 2018 *International Building Code*®, Section 1704.2.5.2 of the 2012 *International Building Code*®, and Section 1704.2.2 of earlier code editions. Periodic plant inspections are conducted by Benchmark Consulting & Inspection (AA-660) to monitor compliance with the requirements of AC472.

In addition, this organization's in-plant nondestructive testing is in compliance with Section 1705.2.1 of the 2015 and 2018 *International Building Code*®. The organization has demonstrated in-house capabilities for nondestructive testing of structural steel elements (following the requirements of performing ultrasonic testing) in accordance with Section N of the 2010 Edition of American Institute of Steel Construction's Specification for Structural Steel Buildings (AISC 360).

This certificate is valid up to December 1, 2024



A handwritten signature in black ink that reads "Raj Nathan".

President

Visit www.iasonline.org for current accreditation information.

CHIEF ELECTROCOATED STRUCTURAL STEEL

CHIEF BUILDINGS' STRUCTURAL STEEL MEMBERS ARE ELECTROCOATED FOR POSITIVE PROTECTION AGAINST CORROSION.

- Electrocoating has proven superior to spray-on primers in providing protection when exposed to weather during construction. It reaches places conventional spraying and dipping can't.
- This gray oxide primer maintains a superior appearance, but may be field painted should you choose to finish with a coat of paint.
- There is no other process that gives the same consistent, abrasion and corrosion resistant results as Chief Electrocoating.

1821 S. North Road • PO Box 2078
Grand Island, NE 68802-2078
Phone: (308) 389-7281
chiefbuildings.com

CHIEF 
BUILDINGS

THE PROCESS

To fully understand the benefits of electrocoating, it is necessary to understand the mechanics of the process. We use gray oxide primer carefully balanced with resins, pigments, and corrosion inhibiting agents. As processed, resins are water insoluble and must be converted chemically into salts that are easily dispersed in water.

In electrocoating, our tanks are filled with this water dispersion of paint. The paint particles have a negative surface charge due to the salt formation. The structural members to be painted are connected to the positive side of the power source. When the power supply is activated, the current flows from the negatively charged tank to the positively charged structural steel, causing the negatively charged paint particles to migrate to the steel and be plated to the surface.

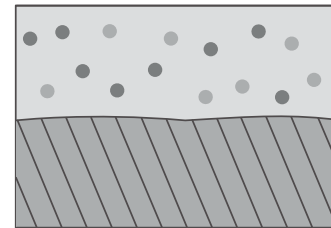
THE RESULTS

During the plating process, taking one to two minutes, electro-chemical reactions take place on the surface of the structural parts, changing the salts in the paint back to their original acid state. The voltages involved (200-300 VDC) act as an electronic pressure to add density to the resin. The result is a paint film that is not only water insoluble, but virtually 100% solid.

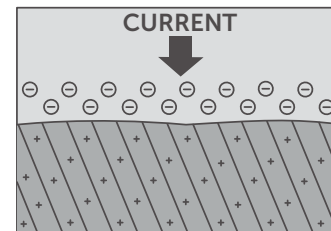
After coating, the parts are baked in an oven, converting the paint films to an enamel composition that is hard and abrasive resistant. With this process, superior corrosion resistance is achieved.

CURED FILM PROPERTIES

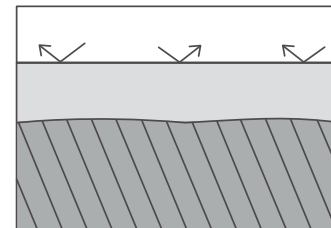
- **COLOR:** Gray
- **GLOSS:** 45-55 @ 60°
- **FILM Thickness:** 0.8-1.2 MILS
- **MEK Rubs:** 100+
- **PENCIL HARDNESS:** 2H
- **MAR RESISTANCE:** Excellent
- **CROSS HATCH ADHESION:** 100%
- **REVERSE/DIRECT IMPACT:** 80 In/lbs
- **1/8 CONICAL MANDREL:** Pass
- **18 HR DI WATER SOAK:** Pass
- **4 HR HYDROCARBON SOAK:** Pass
- **100 HR SALT SPRAY:** 1/4 inch Creep
- **HUMIDITY RESISTANCE:** 1,000+ hrs



Chief Electrocoating, being a liquid submersion process, penetrates virtually everywhere, most notably the places that spray primer can't reach.



Introducing electricity into the process creates a current, forcing the negatively charged primer to plate the positively charged steel member.



Oven baking the plated steel results in a smooth, hard, abrasion and corrosion resistant enamel film.

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chiefbuildings.com

CHIEF
BUILDINGS

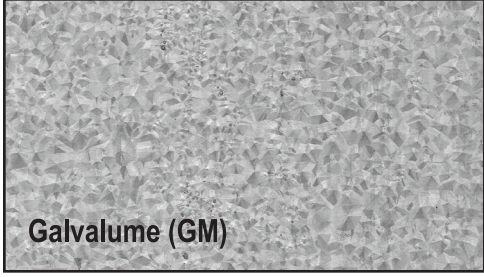
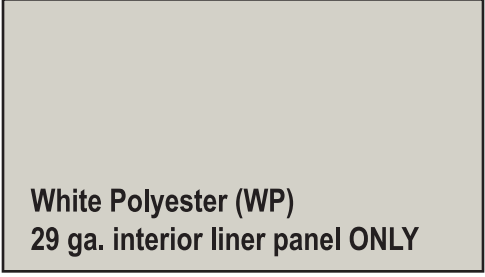
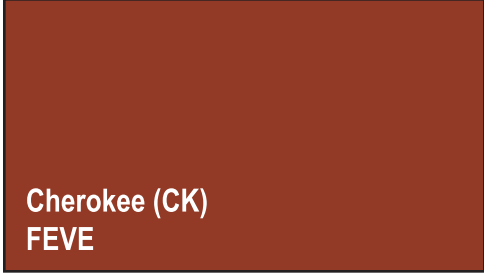
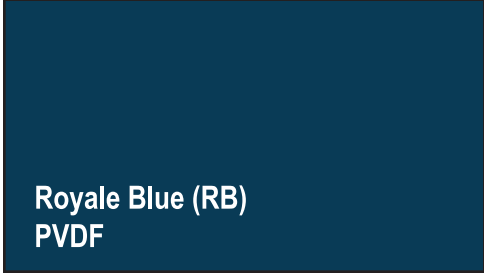
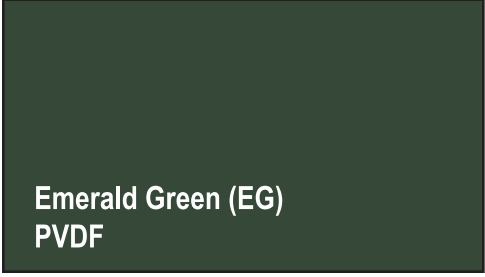
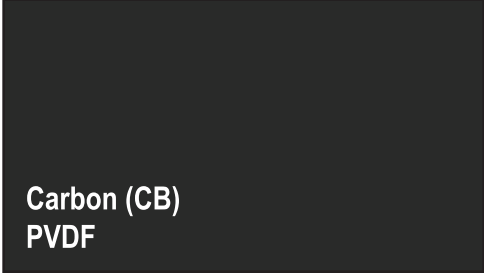
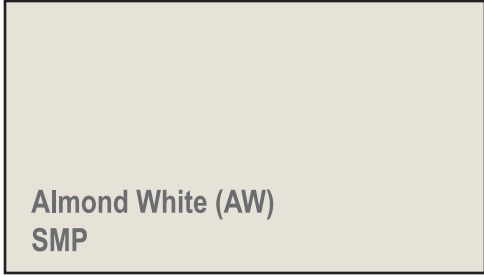
CS/AP Panels

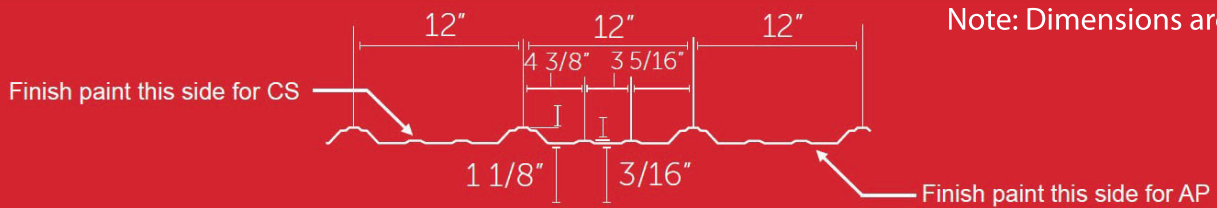
Specifications and Color Options



Since all color applications are affected by age, lighting conditions, heat, digital screen settings, and mechanical coating or printing processes, the color represented on this page may vary in color or finish from the actual product. DO NOT CHOOSE COLORS FROM THIS FORM. SELECTIONS ARE BEST MADE FROM ACTUAL PANEL SAMPLES.

* All colors 26 & 24 ga. (except Frost White, Carbon, and Almond White 26 ga. only.) For applications requiring a 24 ga. product, alternative panel finishes may be substituted. Special order colors may require extended lead times.

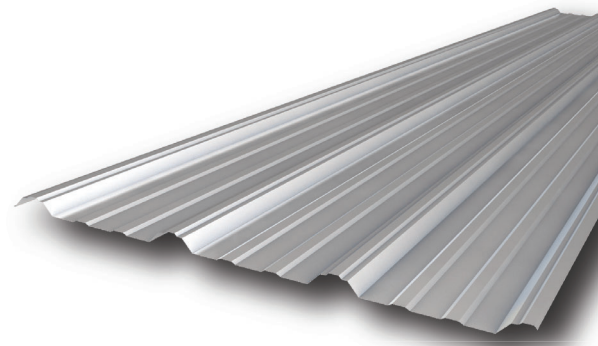




Note: Dimensions are nominal

CS/AP Panels

Premium finishes and design give Chief's Standard (CS) panels and Chief's Architectural Panels (AP) the edge when it comes to quality steel roof and wall panels. They are ideal for a variety of other applications as well. Interior liners, fascias, canopies, and soffits are just some of the many uses for this versatile panel. With strength, durability, and your budget in mind, these 36" panels offer quick erection. Available in a full array of standard colors, our CS and AP panels are the perfect choice for your construction project.



PVDF - Polyvinylidene Fluoride

35 year limited finish warranty

Chief's finish is made with polyvinylidene fluoride resin, where a minimum of 70% of the resin is PVDF. This unique chemistry is combined with acrylic resin, as well as ceramic and select inorganic pigmentation. The result is a proven ability to resist ultraviolet radiation in sunlight for maximum protection against general weathering effects, chalking and fading.

FEVE - Fluoroethylene Vinyl Ether

35 year limited finish warranty

Chief's FEVE finish is a fluoropolymer resin-based coating that is highly resistant to weathering, airborne chemicals, acid rain, and most cleaning solvents used to remove graffiti. Colors are deep, rich, bright and vibrant, plus high gloss - a combination not normally seen in the architectural industry.

SMP - Silicone Modified Polyester

30/40 year limited finish warranty

Chief's SMP finish sets the standard in the metal building industry. This tried-and-true coating allows your building's roof and wall panels to maintain color and integrity over decades of harsh weather conditions. Its unique chemistry provides superior color stability, chalk resistance, fade resistance, and gloss retention. The superior hardness levels of SMP finishes make them ideal for industrial or manufacturing conditions where scratch resistance is desired.

GM - Acrylic Coated Galvalume®

20 year limited finish warranty

Chief's exterior roof, wall and trim material is available in an industry standard ASTM A792 Acrylic Coated Galvalume® finish. Galvalume® is a unique coating of 55% aluminum and 45% zinc that resists corrosion. The Galvalume® sheet is coated with a thin, clear acrylic coating applied to both sides.

WP - White Polyester

no finish warranty provided

Chief's White Polyester is an economical finish intended for interior applications only and is a non-warranty product. Ideal for interior liner panels when. Available in 29 ga. only.

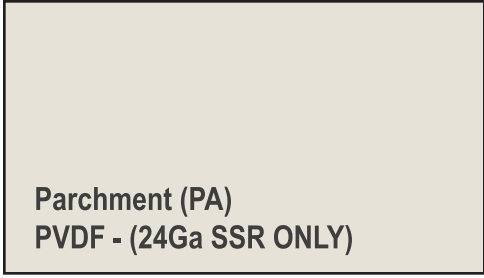
Galvalume® is a registered trademark of BIEC International, Inc.



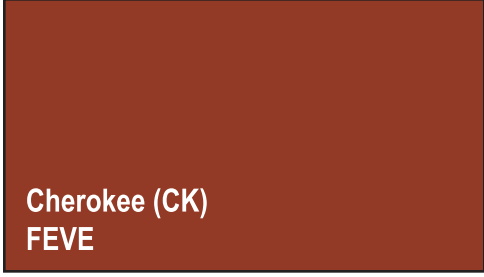
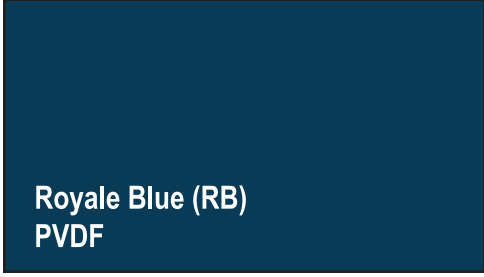
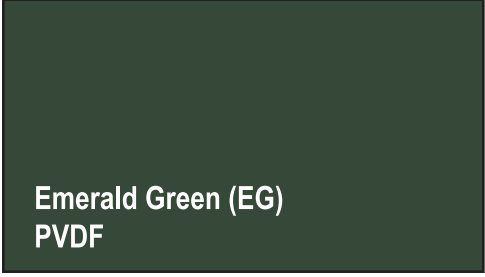
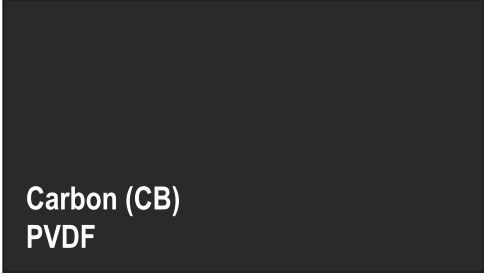
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MSC/STC Panels

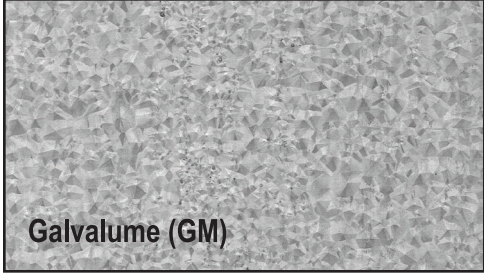
Specifications and Color Options

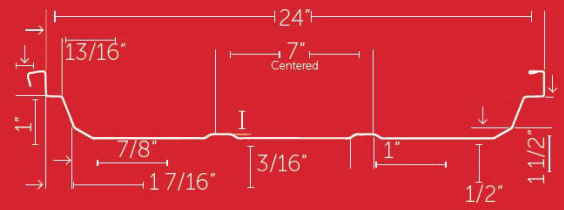
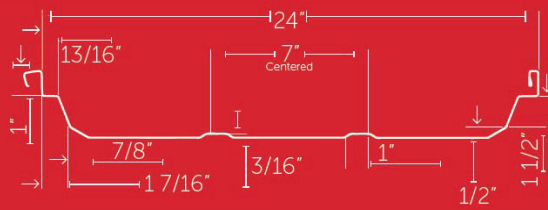


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* All colors 24 ga. only. Galvalume available in 24 ga. and 22 ga. Only Galvalume and select colors are regularly stocked. Special order colors may require extended lead times.



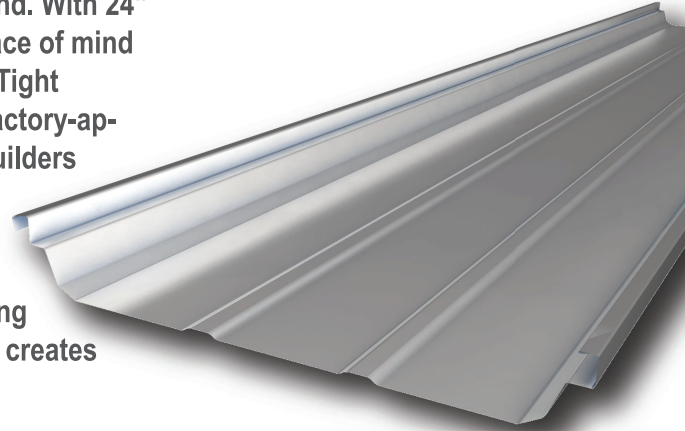


Note: Dimensions are nominal

MSC/STC Panels

Whether it's our "Snap Tight" or "Mechanically Seamed" roof panels, builders can rest assured that Chief's panels are engineered with performance in mind. With 24" wide panel coverage, both the STC and the MSC panels provide the peace of mind that building owners expect and that Builders demand. The STC (Snap Tight Construction) roof panels feature a snap together standing seam and factory-applied hot melt mastic sealant for added weathertightness. This offers builders quicker project completion and less construction and repair costs.

Chief's MSC (Mechanically Seamed Construction) roof panels are field seamed. Boasting even better uplift values, a UL90 wind resistance rating and available FMI compliant assemblies, this interlocking panel system creates outstanding weathertightness and even more value.



PVDF - Polyvinylidene Fluoride

35 year limited finish warranty

Chief's finish is made with polyvinylidene fluoride resin, where a minimum of 70% of the resin is PVDF. This unique chemistry is combined with acrylic resin, as well as ceramic and select inorganic pigmentation. The result is a proven ability to resist ultraviolet radiation in sunlight for maximum protection against general weathering effects, chalking and fading.

FEVE - Fluoroethylene Vinyl Ether

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GM - Acrylic Coated Galvalume®

20 year limited finish warranty

Chief's exterior roof, wall and trim material is available in an industry standard ASTM A792 Acrylic Coated Galvalume® finish. Galvalume® is a unique coating of 55% aluminum and 45% zinc that resists corrosion. The Galvalume® sheet is coated with a thin, clear acrylic coating applied to both sides.

Galvalume® is a registered trademark of BIEC International, Inc.



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STANDARD LIMITED WARRANTY

Form C-223/Dec-09

1. WHAT IS COVERED BY THIS WARRANTY

Chief Industries, Inc., ("Chief") expressly warrants to you, the original purchaser of components manufactured by Chief, that on the date of delivery to you the components were free from defects in the composition of material and workmanship and were in accordance with industry standards for such components.

2. DURATION OF THIS WARRANTY AND NOTICE REQUIREMENTS

This standard limited warranty is applicable to defects in components manufactured by Chief under normal use and service conditions which are not excluded in paragraph 6 of this standard limited warranty, and which defects are discovered within a period of five (5) years from the invoice date indicated at the bottom of this limited warranty, provided that the components were properly erected and defects have been reported in writing to Chief within thirty (30) days of discovery. In any event, Chief's obligations under this limited warranty shall expire sixty-one (61) months from the invoice date. For warranty service, contact Chief Industries, Inc., Buildings Division, Customer Service Department, P.O. Box 2078, Grand Island, NE 68802.

3. CHIEF'S OBLIGATIONS UNDER THIS WARRANTY

By purchasing the Chief components, you and Chief Industries, Inc., expressly agree to an allocation of the risks of component failure between you and Chief. This allocation is recognized by both you and Chief and is reflected in the price of the components you purchased.

4. REMEDIES AVAILABLE FROM CHIEF

If a defect in any component covered by this limited warranty is discovered within the time period and reported in the manner provided in this limited warranty, Chief will supply replacement parts F.O.B. Chief Industries, Inc., Grand Island, Nebraska.

5. REMEDIES NOT AVAILABLE FROM CHIEF

The obligations stated in the preceding paragraph are the **SOLE AND EXCLUSIVE REMEDIES** available from Chief in the event of issues with the components manufactured by Chief. Chief will not be liable for the costs of dismantling defective components or installing replacement components, and Chief will not be liable for any special, incidental or consequential damages based upon breach of contract, negligence, strict liability in tort, or any other legal theory.

6. WHAT IS NOT COVERED BY THIS WARRANTY

This standard limited warranty does not cover:

1. Corrosion caused by exposure to marine (salt water) atmosphere, constant spray of either salt or fresh water, or corrosive chemicals, ash or fumes generated or released inside the building or from nearby chemical plants, foundries, plating works, kilns, fertilizer factories, paper plants and the like.
2. The design, materials and workmanship of products, components, accessories, or parts furnished by someone other than Chief and the interface or connection of such components with the components manufactured by Chief. Non-Chief manufactured items that are supplied by Chief are covered by the terms of those manufacturer's warranty provisions. Information on such warranty coverage is available upon request.
3. Defects, deterioration or other issues with the substrate or finish of the roof panel and wall panel and other components covered by other warranties.
4. Damage or loss which occurs during shipment, storage, or erection of any components.
5. Damage or loss caused, in whole or in part, by the acts or omissions of any kind by any party other than Chief.
6. Damage or loss caused, in whole or in part, by inadequate or improper site selection or preparation.
7. Damage or loss caused, in whole or in part, by inadequate or improper foundation design, materials or workmanship.
8. Damage or loss caused, in whole or in part, by any other failure to provide a suitable condition for erection, installation or connection of the components manufactured by Chief.
9. Damage or loss caused, in whole or in part, due to inadequate or improper erection of the Chief components.
10. Damage or loss caused, in whole or in part, by inadequate or improper heating, ventilation, air conditioning, or any other mechanical system.
11. Damage or loss caused, in whole or in part, by inadequate or improper design, materials or workmanship of any construction supporting Chief components.
12. Damage or loss caused, in whole or in part, by inadequate or improper design, materials and installation of the insulation systems.



STANDARD LIMITED WARRANTY

Form C-223/Dec-09

- 13. Damage or loss caused, in whole or in part, by the influence of components furnished by Chief upon surrounding structures, or other objects, including but not limited to damage or loss caused by drifting snow.
- 14. Damage or loss caused, in whole or in part, by inadequate or improper maintenance, misuse or abuse of the components.
- 15. Damage or loss caused, in whole or in part, by unauthorized attachments, modifications or alterations to the components furnished by Chief.
- 16. Damage or loss caused, in whole or in part, by use of Chief components for purposes other than those for which they were intended.
- 17. Damage or loss caused, in whole or in part, by an act of God.
- 18. Components which have been erected outside of the continental United States or Canada.
- 19. Damage or loss caused, in whole or in part, by contact with animals and/or animal waste or its decomposition products.

7. NO OTHER WARRANTIES

- 1. Complete and Exclusive Limited Warranty: THIS LIMITED WARRANTY IS THE COMPLETE AND EXCLUSIVE AGREEMENT BETWEEN YOU AND CHIEF INDUSTRIES, INC., CONCERNING THE ALLOCATION OF THE RISKS OF DAMAGE OR LOSS ARISING FROM COMPONENT FAILURE. It supersedes all prior agreements, whether written or oral, and all other communications between you and Chief concerning the allocation of those risks. No employee of Chief or any other person including Chief Independent Authorized Builders or dealers and any other person authorized to sell Chief components, has any authority to make any representations, promises, or warranties in addition to those contained herein.
- 2. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

8. ALLOCATION OF RISKS

THIS LIMITED WARRANTY ALLOCATES THE RISK OF DAMAGE OR LOSS ARISING FROM PRODUCT FAILURE BETWEEN CHIEF INDUSTRIES, INC., AND THE PURCHASER. THIS ALLOCATION IS RECOGNIZED BY BOTH PARTIES AND WAS REFLECTED IN THE PURCHASE PRICE OF THE GOODS.

Chief Industries, Inc.
P.O. Box 2078
Grand Island, NE 68802-2078

As a purchaser of Chief components and this limited warranty, I ACKNOWLEDGE THAT I HAVE READ THE FOREGOING STANDARD LIMITED WARRANTY, UNDERSTAND ITS PROVISIONS AND AGREE TO BE BOUND BY ITS TERMS.

Invoice Date:	_____
Invoice No:	_____
Chief Job No:	_____
Jobsite Address:	_____
Builder:	_____

Purchaser's Signature

Date Signed

Purchaser's Name

Purchaser's Address



GALVALUME® PANEL LIMITED WARRANTY

Form C-224/March-23

1. WHAT IS COVERED BY THIS WARRANTY

Chief Industries, Inc., ("Chief") expressly warrants to you, the original purchaser of roof or wall panels made of hot dipped aluminum-zinc alloy-coated Galvalume® sheet steel sold by Chief to be used in construction of a building or buildings, that the Galvalume® Panels will not rupture, fail structurally, or perforate within the duration of this warranty as a result of corrosion caused by exposure to normal atmospheric conditions.

2. DURATION OF THIS WARRANTY AND NOTICE REQUIREMENTS

This limited warranty is applicable to defects in components manufactured by Chief under normal use and service conditions which are not excluded in paragraph 6 of this limited warranty, and which defects are discovered within a period of twenty (20) years from the invoice date indicated at the bottom of this limited warranty, provided that the components were properly erected and defects have been reported in writing to Chief within thirty (30) days of discovery. In any event, Chief's obligations under this limited warranty shall expire 241 months after the invoice date. For warranty service, contact Chief Industries, Inc., Buildings Division, Customer Service Department, P.O. Box 2078, Grand Island, NE 68802.

3. CHIEF'S OBLIGATIONS UNDER THIS WARRANTY

By purchasing the Galvalume® Panel Limited Warranty, you and Chief Industries, Inc., expressly agree to an allocation of the risks of Galvalume® Panel failure between you and Chief.

4. REMEDIES AVAILABLE FROM CHIEF

If damage or deterioration to the Galvalume® Panels covered by this limited warranty is discovered within the time period and reported in the manner provided in this limited warranty, Chief will pay the costs of materials required, in the judgement of Chief after examination of the damage or deterioration, to repair the affected area on site or to provide replacement materials.

NOTE: CHIEF WILL NOT BE LIABLE FOR ANY PORTION OF THE COST OF MATERIALS USED TO REPAIR, REPAINT, REPLACE, OR TO OTHERWISE TREAT THE AFFECTED AREA UNLESS CHIEF HAS FIRST INSPECTED THE AFFECTED AREA AND SPECIFICALLY APPROVED THE METHOD OF TREATMENT TO BE USED.

Panels repaired, replaced, or otherwise treated in a manner approved by Chief will thereafter be covered by this limited warranty to the same extent and to the same expiration date as the original panels.

5. REMEDIES NOT AVAILABLE FROM CHIEF

The obligations stated in the preceding paragraph are the SOLE AND EXCLUSIVE REMEDIES available from Chief in the event of damage to or deterioration of your Chief Galvalume® Panels. Chief will not be liable for the costs of dismantling, repairing, repainting, replacing or otherwise treating affected areas, and Chief will not be liable for any special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory.

6. WHAT IS NOT COVERED BY THIS WARRANTY

The Galvalume® Panel Limited Warranty does not cover:

1. Panels installed with fasteners other than Chief's standard warranted fasteners (or fasteners of equal quality approved by Chief prior to installation).
2. Panels not erected in strict accordance with all applicable Chief erection instructions and drawings.
3. Panels which have been removed from the site of original construction.
4. Panels which have been erected outside the the Continental United States.
5. Panels which have been exposed at any time to corrosive, aggressive, harmful, or other abnormal atmospheric conditions, including but not limited to:
 - a. Areas subject to salt water marine atmospheres or to constant spraying by either salt water or fresh water.
 - b. Areas subject to fallout or exposure to corrosive chemicals, fumes, ash, dust (including cement dust), or vapors.
 - c. Areas subject to water runoff from lead or copper flashings or areas in metallic contact with lead or copper.
 - d. Circumstances where corrosive fumes or condensates are generated or released inside the building.
 - e. Areas which allow contact with animals and/or animal waste or its decomposition products.
6. Panels on slopes of the roof or sections of the roof flatter than 1/4:12.
7. Mechanical, chemical or other damage sustained during shipment, storage, erection, or after erection.
8. Forming which incorporates stretching or severe reverse bending, or which subjects the coating to alternate compression and tension.
9. Panels which have not been provided with free drainage of water, including internal condensation, from overlaps and all other surfaces.



**GALVALUME® PANEL
LIMITED WARRANTY**

Form C-224/March-23

- 10. Panels which have not had all debris removed from overlaps and all other surfaces.
- 11. Damage caused to the metallic coating by improper forming, scouring or cleaning procedures.
- 12. Failures to the metal substrate resulting from exposure or corrosion at the cut/bare edges from insufficient air gap or by contact with the concrete, asphalt, gravel, dirt, or mulch.
- 13. Deterioration of the panels caused by contact with green or wet lumber or wet storage stain caused by water damage or condensation.
- 14. Panels in contact with or in close proximity to damp insulation or other corrosive materials.
- 15. Panels in areas subject to foreign substances, such as sand or dirt particles or other abrasive particles or substances.
- 16. Circumstances where, due to roof or sidewall pitch, there is improper drainage or holding of water.
- 17. Damage caused by falling objects, Acts of God, fire, riots, explosions, acts of war or other external forces.

7. NO OTHER WARRANTIES

- 1. Complete and Exclusive Limited Warranty: THIS GALVALUME® PANEL LIMITED WARRANTY IS THE COMPLETE AND EXCLUSIVE AGREEMENT BETWEEN YOU AND CHIEF INDUSTRIES, INC., CONCERNING THE ALLOCATION OF THE RISKS OF PRODUCT FAILURE WITH RESPECT TO CHIEF GALVALUME® PANELS. It supersedes all prior agreements, whether written or oral, and all other communications between you and Chief concerning the allocation of those risks. No employee of Chief or any other person including Chief Independent Authorized Builders or dealers and any other person authorized to sell Chief Components, has any authority to make any representations, promises, or warranties in addition to those contained herein.
- 2. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

8. ALLOCATION OF RISKS

THIS GALVALUME® PANEL LIMITED WARRANTY ALLOCATES THE RISK OF DAMAGE OR LOSS ARISING FROM PRODUCT FAILURE BETWEEN CHIEF INDUSTRIES, INC., AND THE PURCHASER. THIS ALLOCATION IS RECOGNIZED BY BOTH PARTIES AND IS REFLECTED IN THE PURCHASE PRICE OF THE COMPONENTS.

Galvalume® is a registered trademark of BIEC International, Inc.

Chief Industries, Inc.
 P.O. Box 2078
 Grand Island, NE 68802-2078

As purchaser of the Standard Limited Warranty for Chief Galvalume® Panels, I ACKNOWLEDGE THAT I HAVE READ THE FOREGOING LIMITED WARRANTY, UNDERSTAND ITS PROVISIONS AND AGREE TO BE BOUND BY ITS TERMS.

Invoice Date: Invoice No: Chief Job No: Jobsite Address: Builder:

Purchaser's Signature

Date Signed

Purchaser's Name

Purchaser's Address



PVDF/FEVE ROOF PANEL FINISH LIMITED WARRANTY

Form C-229/March-23

1. WHAT IS COVERED BY THIS WARRANTY

Although it is recognized by Chief Industries, Inc., ("Chief") and you, the original purchaser, that most coatings, including Polyvinylidene Fluoride (PVDF) or Fluoroethylene Vinyl Ether (FEVE), will fade and change in appearance to some degree over a period of time in outdoor installations, and that such changes may not be uniform between surfaces not equally exposed, Chief expressly warrants to you, the original purchaser of PVDF/FEVE roof panels or trim in the color or colors listed at the bottom of this limited warranty sold by Chief to be used in construction of a building or buildings, that, within the duration of this limited warranty:

- A. The panel finish will not peel, crack, or flake to an extent that is apparent on ordinary outdoor visual observation.
- B. The panel finish will not change color more than five (5.0) Hunter delta-E units. Color measurements are to be made per ASTM D2244 and only on clean surfaces after removing surface deposits and chalk per ASTM D3964.
- C. The panel finish will not chalk more than a number eight (8) rating when measured per ASTM D4214, Method A.

2. DURATION OF THIS WARRANTY AND NOTICE REQUIREMENTS

This limited warranty is applicable to defects in components manufactured by Chief under normal use and service conditions which are not excluded in paragraph 6 of this limited warranty, and which defects are discovered within a period of thirty-five (35) years from the invoice date indicated at the bottom of this limited warranty, provided that the components were properly erected and defects have been reported in writing to Chief within thirty (30) days of discovery. In any event, Chief's obligations under this limited warranty shall expire 421 months after the invoice date. For warranty service, contact Chief Industries, Inc., Buildings Division, Customer Service Department, P.O. Box 2078, Grand Island, NE 68802.

3. CHIEF'S OBLIGATIONS UNDER THIS WARRANTY

By purchasing the PVDF/FEVE Roof Panel Finish Limited Warranty, you and Chief Industries, Inc., expressly agree to an allocation of the risks of PVDF/FEVE Roof Panel Finish failure between you and Chief.

4. REMEDIES AVAILABLE FROM CHIEF

If damage or deterioration to the PVDF/FEVE Roof Panels covered by this limited warranty is discovered within the time period and reported in the manner provided in this limited warranty, Chief will pay the costs of materials required, in the judgement of Chief after examination of the damage or deterioration, to repair, repaint, replace, or otherwise treat the affected area on site.

NOTE: CHIEF WILL NOT BE LIABLE FOR ANY PORTION OF THE COST OF MATERIALS USED TO REPAIR, REPAINT, REPLACE, OR TO OTHERWISE TREAT THE AFFECTED AREA UNLESS CHIEF HAS FIRST INSPECTED THE AFFECTED AREA AND SPECIFICALLY APPROVED THE METHOD OF TREATMENT TO BE USED.

Panels repaired, repainted, replaced, or otherwise treated in a manner approved by Chief will thereafter be covered by this limited warranty to the same extent and to the same expiration date as the original panels.

5. REMEDIES NOT AVAILABLE FROM CHIEF

The obligations stated in the preceding paragraph are the **SOLE AND EXCLUSIVE REMEDIES** available from Chief in the event of damage to or deterioration of your Chief PVDF/FEVE Roof Panels. Chief will not be liable for the costs of dismantling, repairing, repainting, replacing or otherwise treating affected areas, and Chief will not be liable for any special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory.

6. WHAT IS NOT COVERED BY THIS WARRANTY

This PVDF/FEVE Roof Panel Finish Limited Warranty does not cover:

1. Panel which has suffered scratching or abrasion or impact by a hard object.
2. Damage or deterioration caused, in whole or in part, by improper transportation, handling, alteration, modification, improper use, storage contrary to instructions issued by Chief, or other circumstances beyond Chief's control.
3. Panels not erected in strict accordance with all applicable Chief erection instructions and drawings.
4. Panel which is damaged due to moisture entrapment in bundles during transit or storage.
5. Panel which is stored/installed in a way which allows standing water on the coating.
6. Panel which is stored/installed in any chemically aggressive environment containing fumes, ash, cement dust, carbon black, salts or other chemicals, whether naturally occurring or caused by man.
7. Panel which is stored/installed in an environment that includes a high degree of humidity, sand, dirt or grease, whether naturally occurring or caused by man.
8. Panel which is stored/installed in a way which allows contact with animals, animal waste or its decomposition products.
9. Panel which is stored/installed in an area, or in such a way, that damage can occur due to poor air circulation or exposure of excess humidity, condensation, salty spray, frost, mold, mildew, or fungus on product surfaces.
10. Panel which is stored/installed in areas which are subject to fallout from copper, lead, nickel or silver mining or refining operations.
11. Panel which has suffered any damage caused by acts of God, radiation, falling objects, explosion, fire, riots, civil commotions, acts of war or other external forces.



**PVDF/FEVE
ROOF PANEL FINISH
LIMITED WARRANTY**

Form C-229/March-23

12. Failures to the metal substrate resulting from exposure or corrosion at the cut/bare edges from insufficient air gap or by contact with the concrete, asphalt, gravel, dirt, or mulch.
13. Panels which have been removed from the site of original construction.
14. Panels which have been erected outside the Continental United States or Canada.
15. Panel which has been installed on property located within 1500 feet of a salt water or other marine environment.
16. Damage or deterioration caused, in whole or in part, by abrasive cleaning procedures or use of bleach-based cleaners.
17. Any substrate corrosion or loss of adhesion as a result of contact with or run off from dissimilar metals (copper, lead, stainless steel, etc.), green/pressure treated lumber, incompatible fasteners and/or wet insulation.
18. Paint adhesion loss and/or staining as a result of excessive sealant or failure to remove steel debris/iron particles that come in contact with the painted surface.
19. Attachment or adhesion of materials or items such as snow guards and solar panels to the coating.
20. Significant differences in insulation below metal panels leading to dissimilar color fading.
21. This warranty covers the finish on PVDF/FEVE panels only in the colors which are listed at the bottom of this limited warranty.

7. NO OTHER WARRANTIES

1. Complete and Exclusive Limited Warranty: THIS PVDF/FEVE ROOF PANEL FINISH LIMITED WARRANTY IS THE COMPLETE AND EXCLUSIVE AGREEMENT BETWEEN YOU AND CHIEF INDUSTRIES CONCERNING THE ALLOCATION OF THE RISKS OF PRODUCT FAILURE WITH RESPECT TO THE FINISH OF YOUR CHIEF PVDF/FEVE ROOF PANELS, NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE. It supersedes all prior agreements, whether written or oral, and all other communications between you and Chief concerning the allocation of those risks. No employee of Chief or any other person including Chief Independent Authorized Builders or dealers and any other person authorized to sell Chief Components, has any authority to make any representations, promises, or warranties in addition to those contained herein.
2. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR FREEDOM FROM PATENT INFRINGEMENT.

8. ALLOCATION OF RISKS

THIS PVDF/FEVE ROOF PANEL FINISH LIMITED WARRANTY ALLOCATES THE RISK OF DAMAGE OR LOSS ARISING FROM PRODUCT FAILURE BETWEEN CHIEF INDUSTRIES, INC., AND THE PURCHASER. THIS ALLOCATION IS RECOGNIZED BY BOTH PARTIES AND WAS REFLECTED IN A PRICE QUOTED SEPARATELY FROM THE PRICE OF THE COMPONENTS.

Chief Industries, Inc.
P.O. Box 2078
Grand Island, NE 68802-2078

As purchaser of the Standard Limited Warranty for Chief PVDF/FEVE Roof Panels, I ACKNOWLEDGE THAT I HAVE READ THE FOREGOING LIMITED WARRANTY, UNDERSTAND ITS PROVISIONS AND AGREE TO BE BOUND BY ITS TERMS.

Invoice Date:	_____
Invoice No:	_____
Chief Job No:	_____
Jobsite Address:	_____
Builder:	_____
Panel colors subject to warranty:	_____

Purchaser's Signature

Date Signed

Purchaser's Name

Purchaser's Address



**PVDF/FEVE
WALL PANEL FINISH
LIMITED WARRANTY**

Form C-228/March-23

1. WHAT IS COVERED BY THIS WARRANTY

Although it is recognized by Chief Industries, Inc., ("Chief") and you, the original purchaser, that most coatings, including Polyvinylidene Fluoride (PVDF) or Fluoroethylene Vinyl Ether (FEVE), will fade and change in appearance to some degree over a period of time in outdoor installations, and that such changes may not be uniform between surfaces not equally exposed, Chief expressly warrants to you, the original purchaser of PVDF/FEVE wall panels or trim in the color or colors listed at the bottom of this limited warranty sold by Chief to be used in construction of a building or buildings, that, within the duration of this limited warranty:

- A. The panel finish will not peel, crack, or flake to an extent that is apparent on ordinary outdoor visual observation.
- B. The panel finish will not change color more than five (5.0) Hunter delta-E units. Color measurements are to be made per ASTM D2244 and only on clean surfaces after removing surface deposits and chalk per ASTM D3964.
- C. The panel finish will not chalk more than a number eight (8) rating when measured per ASTM D4214, Method A.

2. DURATION OF THIS WARRANTY AND NOTICE REQUIREMENTS

This limited warranty is applicable to defects in components manufactured by Chief under normal use and service conditions which are not excluded in paragraph 6 of this limited warranty, and which defects are discovered within a period of thirty-five (35) years from the invoice date indicated at the bottom of this limited warranty, provided that the components were properly erected and defects have been reported in writing to Chief within thirty (30) days of discovery. In any event, Chief's obligations under this limited warranty shall expire 421 months after the invoice date. For warranty service, contact Chief Industries, Inc., Buildings Division, Customer Service Department, P.O. Box 2078, Grand Island, NE 68802.

3. CHIEF'S OBLIGATIONS UNDER THIS WARRANTY

By purchasing the PVDF/FEVE Wall Panel Finish Limited Warranty, you and Chief Industries, Inc., expressly agree to an allocation of the risks of PVDF/FEVE Wall Panel Finish failure between you and Chief.

4. REMEDIES AVAILABLE FROM CHIEF

If damage or deterioration to the PVDF/FEVE Wall Panels covered by this limited warranty is discovered within the time period and reported in the manner provided in this limited warranty, Chief will pay the costs of materials required, in the judgement of Chief after examination of the damage or deterioration, to repair, repaint, replace, or otherwise treat the affected area on site.

NOTE: CHIEF WILL NOT BE LIABLE FOR ANY PORTION OF THE COST OF MATERIALS USED TO REPAIR, REPAINT, REPLACE, OR TO OTHERWISE TREAT THE AFFECTED AREA UNLESS CHIEF HAS FIRST INSPECTED THE AFFECTED AREA AND SPECIFICALLY APPROVED THE METHOD OF TREATMENT TO BE USED.

Panels repaired, repainted, replaced, or otherwise treated in a manner approved by Chief will thereafter be covered by this limited warranty to the same extent and to the same expiration date as the original panels.

5. REMEDIES NOT AVAILABLE FROM CHIEF

The obligations stated in the preceding paragraph are the SOLE AND EXCLUSIVE REMEDIES available from Chief in the event of damage to or deterioration of your Chief PVDF/FEVE Wall Panels. Chief will not be liable for the costs of dismantling, repairing, repainting, replacing or otherwise treating affected areas, and Chief will not be liable for any special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory.

6. WHAT IS NOT COVERED BY THIS WARRANTY

This PVDF/FEVE Wall Panel Finish Limited Warranty does not cover:

1. Panel which has suffered scratching or abrasion or impact by a hard object.
2. Damage or deterioration caused, in whole or in part, by improper transportation, handling, alteration, modification, improper use, storage contrary to instructions issued by Chief, or other circumstances beyond Chief's control.
3. Panels not erected in strict accordance with all applicable Chief erection instructions and drawings.
4. Panel which is damaged due to moisture entrapment in bundles during transit or storage.
5. Panel which is stored/installed in a way which allows standing water on the coating.
6. Panel which is stored/installed in any chemically aggressive environment containing fumes, ash, cement dust, carbon black, salts or other chemicals, whether naturally occurring or caused by man.
7. Panel which is stored/installed in an environment that includes a high degree of humidity, sand, dirt or grease, whether naturally occurring or caused by man.
8. Panel which is stored/installed in a way which allows contact with animals, animal waste or its decomposition products.
9. Panel which is stored/installed in an area, or in such a way, that damage can occur due to poor air circulation or exposure of excess humidity, condensation, salty spray frost, mold, mildew, or fungus on product surfaces.
10. Panel which is stored/installed in areas which are subject to fallout from copper, lead, nickel or silver mining or refining operations.
11. Panel which has suffered any damage caused by acts of God, radiation, falling objects, explosion, fire, riots, civil commotions, acts of war or other external forces.



**PVDF/FEVE
WALL PANEL FINISH
LIMITED WARRANTY**

Form C-228/March-23

12. Failures to the metal substrate resulting from exposure or corrosion at the cut/bare edges from insufficient air gap or by contact with the concrete, asphalt, gravel, dirt, or mulch.
13. Panels which have been removed from the site of original construction.
14. Panels which have been erected outside the Continental United States or Canada.
15. Panel which has been installed on property located within 1500 feet of a salt water or other marine environment.
16. Damage or deterioration caused, in whole or in part, by abrasive cleaning procedures or use of bleach-based cleaners.
17. Any substrate corrosion or loss of adhesion as a result of contact with or run off from dissimilar metals (copper, lead, stainless steel, etc.), green/pressure treated lumber, incompatible fasteners and/or wet insulation.
18. Paint adhesion loss and/or staining as a result of excessive sealant or failure to remove steel debris/iron particles that come in contact with the painted surface.
19. Attachment or adhesion of materials or items such as snow guards and solar panels to the coating.
20. Significant differences in insulation below metal panels leading to dissimilar color fading.
21. This warranty covers the finish on PVDF/FEVE panels only in the colors which are listed at the bottom of this limited warranty.

7. NO OTHER WARRANTIES

1. Complete and Exclusive Limited Warranty: THIS PVDF/FEVE WALL PANEL FINISH LIMITED WARRANTY IS THE COMPLETE AND EXCLUSIVE AGREEMENT BETWEEN YOU AND CHIEF INDUSTRIES CONCERNING THE ALLOCATION OF THE RISKS OF PRODUCT FAILURE WITH RESPECT TO THE FINISH OF YOUR CHIEF PVDF/FEVE WALL PANELS, NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE. It supersedes all prior agreements, whether written or oral, and all other communications between you and Chief concerning the allocation of those risks. No employee of Chief or any other person including Chief Independent Authorized Builders or dealers and any other person authorized to sell Chief Components, has any authority to make any representations, promises, or warranties in addition to those contained herein.
2. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR FREEDOM FROM PATENT INFRINGEMENT.

8. ALLOCATION OF RISKS

THIS PVDF/FEVE WALL PANEL FINISH LIMITED WARRANTY ALLOCATES THE RISK OF DAMAGE OR LOSS ARISING FROM PRODUCT FAILURE BETWEEN CHIEF INDUSTRIES, INC., AND THE PURCHASER. THIS ALLOCATION IS RECOGNIZED BY BOTH PARTIES AND WAS REFLECTED IN A PRICE QUOTED SEPARATELY FROM THE PRICE OF THE COMPONENTS.

Chief Industries, Inc.
P.O. Box 2078
Grand Island, NE 68802-2078

As purchaser of the Standard Limited Warranty for Chief PVDF/FEVE Wall Panels, I ACKNOWLEDGE THAT I HAVE READ THE FOREGOING LIMITED WARRANTY, UNDERSTAND ITS PROVISIONS AND AGREE TO BE BOUND BY ITS TERMS.

Invoice Date:	_____
Invoice No:	_____
Chief Job No:	_____
Jobsite Address:	_____
Builder:	_____
Panel colors subject to warranty:	_____

Purchaser's Signature

Date Signed

Purchaser's Name

Purchaser's Address



STANDING SEAM ROOF SYSTEM 20 YEAR WEATHERTIGHTNESS LIMITED WARRANTY

Form C-227/Aug-22

1. WHAT IS COVERED BY THIS LIMITED WARRANTY

Chief Industries, Inc., ("Chief") expressly warrants to you, the original purchaser of Standing Seam roof components manufactured by Chief, that the undersigned Independent Builder ("Builder") will repair or stop any roof leaks in the building described below within the duration of this limited warranty unless the leak was caused or contributed to by factors identified in section 6 of this limited warranty.

2. DURATION OF THIS WARRANTY AND NOTICE REQUIREMENTS

This limited warranty is applicable to roof leaks which become evident within a period of twenty years from the effective date indicated at the bottom of this limited warranty, which have been reported in writing to the undersigned Independent Builder and Chief within thirty (30) days of discovery. In any event, Chief's obligations under this limited warranty shall expire 241 months from the effective date. For warranty service, contact the undersigned Independent Builder at the address shown on this limited warranty and Chief Industries, Inc., Buildings Division, Customer Service Department, P.O. Box 2078, Grand Island, NE 68802.

3. OBLIGATIONS UNDER THIS WARRANTY

By purchasing Standing Seam Roof System 20 Year Weathertightness Limited Warranty ("Weathertightness Limited Warranty") issued by Chief and Builder, you, the Builder and Chief expressly agree to an allocation of the risks of component leakage between these three parties. This allocation is recognized by you, the Builder and Chief and is reflected in the price of the limited warranty you purchased. The risk of component leakage covered under this Weathertightness Limited Warranty is allocated as follows:

1. During years one and two of the Weathertightness Limited Warranty, the Builder is responsible for furnishing all labor and materials for repairs covered under the Weathertightness Limited Warranty.
2. During years three through twenty (20) of the Weathertightness Limited Warranty, the Builder is responsible for furnishing all labor and Chief is responsible for furnishing all materials for repairs covered under the Weathertightness Limited Warranty.
3. Builder will make a continual accounting to Chief for any amounts spent under items 3.1 and 3.2 above. The total amount spent by both Chief and the Builder under items 3.1 and 3.2 above in the aggregate will not exceed the amount shown in section 4 of this limited warranty.
4. Chief will not be liable for any portion of the cost of corrective action unless Chief has first approved the method of corrective action to be taken by Builder or Purchaser.

4. REMEDIES AVAILABLE FROM CHIEF

If a roof leak covered by this limited warranty is discovered within the time period and reported in the manner provided in this limited warranty, PURCHASER'S SOLE REMEDY HEREUNDER IS TO HAVE COVERED ROOF LEAKS REPAIRED AND LIABILITY UNDER THIS AGREEMENT SHALL BE LIMITED TO ACTUAL COST OF REPAIR WORK, AND IN NO EVENT TO EXCEED \$0.25 PER NOMINAL SQUARE FOOT OF BUILDING OR AN AGGREGATE AMOUNT OF \$ _____. This amount represents the maximum amount to be spent under the Weathertightness Limited Warranty by Chief and Builder over the life of the warranty. NEITHER BUILDER NOR CHIEF SHALL BE RESPONSIBLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGE OR LOSS TO THE BUILDING, ITS CONTENTS OR OTHER MATERIALS. The Builder shall be primarily liable for this agreement, and Chief guarantees Builder's performance. Chief agrees to specify the repair work for stopping the leak and reserves the right to undertake, supervise or approve the repair work.

5. REMEDIES NOT AVAILABLE FROM CHIEF

The obligations stated in the preceding paragraph are the SOLE AND EXCLUSIVE REMEDIES available from Chief in the event of leakage arising from the components manufactured by Chief. Neither Chief nor the undersigned Independent Builder will be liable for any special, incidental or consequential damages based upon breach of contract, breach of warranty, negligence, strict liability in tort, or any other legal theory.

6. WHAT IS NOT COVERED BY THIS WARRANTY

This Weathertightness Limited Warranty does not cover leakage or damage to the roof caused by or arising from:

1. Corrosion caused by exposure to marine (salt water) atmosphere, constant spray of either salt or fresh water, or corrosive chemicals, ash or fumes generated or released inside the building or from nearby chemical plants, foundries, plating works, kilns, fertilizer factories, paper plants and the like.
2. Ventilators, skylights, roof curbs, roof jacks, or other penetrations not supplied by Chief.



**STANDING SEAM ROOF SYSTEM
20 YEAR WEATHERTIGHTNESS
LIMITED WARRANTY**

Form C-227/Aug-22

3. Gutters, valleys, flashings to parapets or to other structures.
4. Suspension or support by the building of any weight in excess of loading criteria.
5. Defects in the foundation, settling or other defects / failures in support of the Standing Seam Roof System.
6. Jumping, scraping or excessive walking on the roof.
7. The connection between components supplied by Chief and those not supplied by Chief.
8. Accumulations of snow, ice, water or other natural substances which exceed the design load specifications called for by your order documents.
9. Hail, strong winds, flood, fire or other natural disasters or acts of God.
10. Defects due to improper or inadequate erection of the roof components.
11. Defects caused by inadequate or improper heating, ventilation, air conditioning or any other mechanical system.
12. Defects caused by inadequate or improper maintenance, misuse or abuse of the roof components.
13. Components which have been erected outside the continental United States or Canada.

7. NO OTHER WARRANTIES

1. Complete and Exclusive Limited Warranty: This Weathertightness Limited Warranty is the complete and exclusive agreement between you, Builder and Chief, concerning the allocation of the risks of damage or loss arising from roof leakage. It supersedes all prior agreements, whether written or oral, and all other communications between you and Chief concerning the allocation of those risks. No employee of Chief or any other person including Chief Independent Builders or dealers and any other person authorized to sell Chief components, has any authority to make any representations, promises, or warranties other or greater than those contained herein.
2. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
3. This Weathertightness Limited Warranty is tendered for the sole benefit of the Purchaser named below, and is not transferable or assignable. IT BECOMES VALID ONLY WHEN SIGNED BY THE PURCHASER AND THE BUILDER.

8. ALLOCATION OF RISKS

THIS WEATHERTIGHTNESS LIMITED WARRANTY ALLOCATES THE RISK OF DAMAGE OR LOSS ARISING FROM PRODUCT FAILURE BETWEEN CHIEF, THE BUILDER AND THE PURCHASER. THIS ALLOCATION IS RECOGNIZED BY ALL PARTIES AND WAS REFLECTED IN A PRICE QUOTED SEPARATELY FROM THE PRICE OF THE COMPONENTS.

As a purchaser of the 20 Year Weathertightness Limited Warranty, I ACKNOWLEDGE THAT I HAVE READ THE FOREGOING LIMITED WARRANTY, UNDERSTAND ITS PROVISIONS AND AGREE TO BE BOUND BY ITS TERMS.

Builder's Signature and Title

Purchaser's Signature

Date Signed

Date Signed

Independent Builder Name

Purchaser's Name

Builder's Address

Purchaser's Address

Effective Date:	_____
Invoice No:	_____
Chief Job No:	_____
Jobsite Address:	_____
Builder:	_____

Chief Industries, Inc.
P.O. Box 2078
Grand Island, NE 68802-2078



**STANDING SEAM ROOF SYSTEM
20 YEAR WEATHERTIGHTNESS
LIMITED ULTRA WARRANTY**

Form C-230u/Aug-22

1. WHAT IS COVERED BY THIS LIMITED WARRANTY

Chief Industries, Inc., ("Chief") expressly warrants to you, the original purchaser of Standing Seam roof components manufactured by Chief, that it will repair or stop any roof leaks in the building described below within the duration of this limited warranty unless the leak was caused or contributed to by factors identified in section 6 of this limited warranty.

2. DURATION OF THIS LIMITED WARRANTY AND NOTICE REQUIREMENTS

This limited warranty is applicable to roof leaks which become evident within a period of twenty years from the effective date indicated at the bottom of this limited warranty, which have been reported in writing to Chief within thirty (30) days of discovery. The Builder is to provide warranty coverage for the first two years of leak-free service. Once this two-year leak free service is obtained, Chief becomes the single source provider of this limited warranty. In any event, Chief's obligations under this limited warranty shall expire 241 months from the effective date. For warranty service, contact the undersigned Independent Builder at the address shown on this limited warranty and Chief Industries, Inc., Buildings Division, Customer Service Department, P.O. Box 2078, Grand Island, NE 68802.

3. OBLIGATIONS UNDER THIS LIMITED WARRANTY

1. By purchasing the Standing Seam Roof System 20 Year Weathertightness Limited Ultra Warranty ("Weathertightness Limited Ultra Warranty") issued by Chief, you and Chief expressly agree to an allocation of the risks of component leakage between these two parties. This allocation is recognized by you and Chief and is reflected in the price of the limited warranty you purchased.
2. Chief will not be liable for any portion of the cost of corrective action unless Chief has first approved the method of corrective action to be taken by Purchaser or anyone on its behalf.
3. For each separate claim under this limited warranty you are required to report in writing to Chief, at the address noted above, any defect or deficiency within (30) days of its discovery, providing a detailed explanation of the defect or deficiency.

4. REMEDIES AVAILABLE FROM CHIEF

If a roof leak covered by this limited warranty is discovered within the time period and reported in the manner provided in this limited warranty, PURCHASER'S SOLE REMEDY HEREUNDER IS FOR THE REPAIR OR REPLACEMENT, AT CHIEF'S SOLE DISCRETION, OF COVERED ROOF LEAKS. CHIEF SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGE OR LOSS TO THE BUILDING, ITS CONTENTS OR OTHER MATERIALS. Chief agrees to specify the repair work for stopping the leak and reserves the right to undertake, supervise or approve any and all repair work.

5. REMEDIES NOT AVAILABLE FROM CHIEF

The obligations stated in the preceding paragraph are the SOLE AND EXCLUSIVE REMEDIES available from Chief in the event of leakage arising from the components manufactured by Chief. Chief shall not be liable for any special, incidental or consequential damages based upon breach of contract, breach of warranty, negligence, strict liability in tort, or any other legal theory.

6. WHAT IS NOT COVERED BY THIS LIMITED WARRANTY

This Weathertightness Limited Warranty does not cover leakage or damage to the roof caused by or arising from:

1. Corrosion caused by exposure to marine (salt water) atmosphere, constant spray of either salt or fresh water, or corrosive chemicals, ash or fumes generated or released inside the building or from nearby chemical plants, foundries, plating works, kilns, fertilizer factories, paper plants and the like.
2. Ventilators, skylights, roof curbs, roof jacks, or other penetrations not supplied by Chief.
3. Suspension or support by the building of any weight in excess of loading criteria.
4. Defects in the foundation, settling or other defects / failures in support of the Standing Seam Roof System.
5. Jumping, scraping or excessive walking on the roof.
6. The connection between components supplied by Chief and those not supplied by Chief.
7. Accumulations of snow, ice, water or other natural substances which exceed the design load specifications called for by your order documents.
8. Hail, strong winds, flood, fire or other natural disasters or acts of God.
9. Defects due to improper or inadequate erection of the roof components.
10. Defects caused by inadequate or improper heating, ventilation, air conditioning or any other mechanical system.
11. Defects caused by misuse or abuse of the roof components.
12. Components which have been erected outside the continental United States or Canada.



**STANDING SEAM ROOF SYSTEM
20 YEAR WEATHERTIGHTNESS
LIMITED ULTRA WARRANTY**

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- 13. Failure of the Owner to properly perform normal and customary maintenance of the roof as outlined in Chief's Roof Maintenance Manual.
- 14. Replacement or repair work undertaken on or to the roof without Chief's prior approval and authorization.

7. NO OTHER WARRANTIES

- 1. Complete and Exclusive Limited Warranty: This Weathertightness Limited Ultra Warranty is the complete and exclusive agreement between you and Chief, concerning the allocation of the risks of damage or loss arising from roof leakage. It supersedes all prior agreements, whether written or oral, and all other communications between you and Chief concerning the allocation of those risks. No employee of Chief or any other person including Chief Independent Builders or dealers and any other person authorized to sell Chief components, has any authority to make any representations, promises, or warranties other or greater than those contained herein.
- 2. THIS LIMITED ULTRA WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
- 3. This Weathertightness Limited Ultra Warranty is tendered for the sole benefit of the Purchaser named below, and is not transferable or assignable. IT BECOMES VALID ONLY WHEN SIGNED BY THE PURCHASER AND THE BUILDER.

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Builder's Signature and Title

Purchaser's Signature

Date Signed

Date Signed

Independent Builder Name

Purchaser's Name

Builder's Address

Purchaser's Address

Effective Date:	_____
Invoice No:	_____
Chief Job No:	_____
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