

October 13, 2026

TO: PLAN HOLDERS LIST

**SUBJECT: PROCUREMENT NO. 072026-1044
5301 8TH ST E ROOF REPLACEMENT**

ADDENDUM NUMBER 02

This addendum is issued to amend the following:

SUBSTITUTION:

See attached form.

PROJECT TITLE: 5301 8th St E Roof Replacement

PROJECT NO.: 101716.01

SUBMITTED BY: RMR Northwest

CONTRACT NO.: 072026-1044

PRIME/SUB/SUPPLIER: Drexel Metals

DATE: 10/1/26

Specification Title: Preformed Metal Standing Seam Roof

Section No.: 07 41 00

Description: 2" Mechanically Seamed Aluminum
Roofing

Paragraph: 2.02

Page No.: 2

Proposed Substitution: Drexel's DMC 200S

Trade Name: DMC 200S Profile

Model No.: Double Lock

Manufacturer: Drexel, a Carlisle Company

Address: 1550 E 73rd Ave, Denver, CO 80229

Phone No.: 888.321.9630

Installer: TBD

Address: _____

Phone No.: _____

Differences between proposed substitution and specified product: None

☒ Point-by-Point comparative data attached - REQUIRED

Reason for not providing specified item: _____

Similar Installation: <https://www.drexmet.com/products/metal-roof-systems/200s/>

Project: LDS Church - White Salmon

A/E: MSGs Carver

Address: 1550 E 73rd Ave Ste A, Denver, CO 80229

Owner: LDS Church

Date Installed: 08/01/26

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

Supporting Data Attached:

☒ Drawings ☒ Product Data ☐ Samples ☒ Tests ☐ Reports ☐ Other: _____

Applicable to Substitution Requests During Construction:

Proposed to Port for accepting substitution: \$ _____

Proposed substitution changes Contract Time: ☐ No ☐ Yes [Add] [Deduct] _____ # days.

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 Baseline Project Schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- 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.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted By: Arik Koch
Signed By: Arik Koch Firm: RMR Northwest
Address: 7202 NE HWY 99 Suite 106 Vancouver, WA 98665

Telephone: 206.775.6101 Email: Arik@rm-resp.com
Attachments: Drexel 200S Data

A/E's REVIEW AND RECOMMENDATION

- ☐ Approved Substitution
- ☐ Approved Substitution as Noted
- ☐ Reject Substitution - Use specified materials.
- ☐ Substitution Request received too late - Use specified materials.

Signed by: _____ Date: _____

ENGINEER'S REVIEW AND ACTION

- ☐ Substitution Approved - Make submittals in accordance with this Specification Section. If during construction, prepare Change Order.
- ☐ Substitution Approved as Noted - Make submittals in accordance with this Specification Section. If during construction, prepare Change Order.
- ☐ Substitution Rejected - Use specified materials.
- ☐ Substitution Request received too late - Use specified materials.

Signed by: _____ Date: _____

END OF SECTION



COMPARISON CHART PAC-Clad Tite Lok Plus/Drexel 200S

	<u>PAC-Clad</u> Tite Lok Plus 2	<u>Drexel</u> 200S
Standard Coverage	18"/16"	18"/ 16"
Seam Height	2"	2"
Single and Double Seam	Yes	Yes
Stiffening Ribs/Striations	Yes	Yes
Clip Gauge	18 ga	18 ga
Standard Color Choices	22 ea	22 ea
Custom Colors	Yes	Yes
30-Year Paint Warranty	Yes	Yes
Zincalume Warranty	20 yr	20 yr
Code Compliance	ESL 1320	ASTM 1592, UL 580, UL 1897
ASTM 1592 Test	Yes	Yes
Air Infiltration Test ASTM E283-84/1680 14 CFM/LFT	6.24 PSF	12 PSF
Water Infiltration Test ASTM E330/1646	12 PSF	20 PSF
FM I-90	Yes	Yes
UL Constructions	263 437 616 617 790	90, 176, 180, 238
Fire	Class A	Class A
Impact Resistance	Class 4	Class 4
Steel Strength	50 KSI	50 KSI



PANEL DETAILS

STANDARD PANEL WIDTHS

12", 14", 16", and 18"

Drexel Metals design pressures, wind uplifts and test reports are for specific deck attachments, material gauges, clip spacing and panel widths. A complete specification and listing is available online at www.drexelmetals.com

SUBSTRATES AVAILABLE

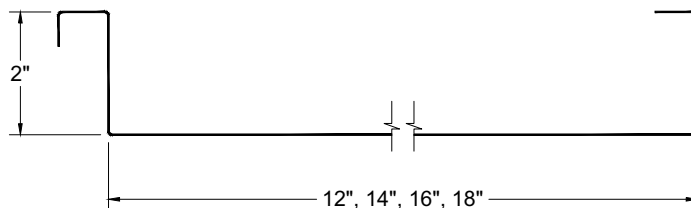
- Painted Galvalume® – 22ga, 24ga
- Drexlume™ – 22ga, 24ga
- Painted Aluminum – .032", .040"
- Copper – 16oz, 20oz
- Zinc – .7mm, .8mm

Not seeing the gauge or material you are looking for? Contact your local Drexel Metals representative.

IDEAL APPLICATION

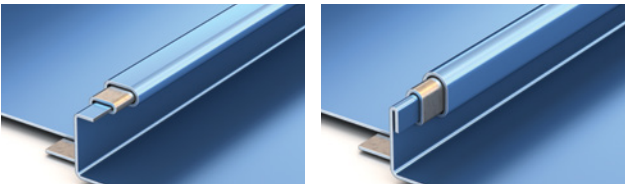
COMMERCIAL, INSTITUTIONAL & STRUCTURAL

The versatility of the DMC 200S roof system makes it an ideal choice for low to steep slope applications. Performance-engineered to handle heavy-duty commercial and industrial projects, this 2" mechanically seamed structural metal roof system will meet or exceed most windload and government requirements from coast to coast. Concealed fasteners and floating clip systems reduce panel stress from changes in temperature and help maintain a smooth, uniform appearance. This product can also be curved for large barrel roofs or small canopies.



DMC 200S PROFILE

PROFILE OPTIONS

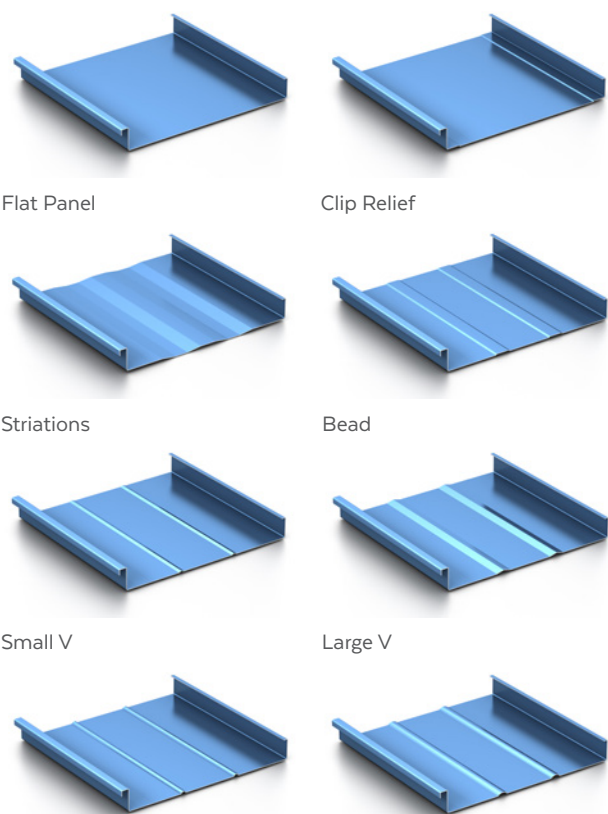


Single lock panel

Double lock panel

Contact the Drexel Metals Technical Department for single and double lock specific testing information.

PANEL RIB OPTIONS



Flat Panel

Clip Relief

Striations

Bead

Small V

Large V

Small Pencil

Large Pencil

Contact your local Drexel Metals representative for specific rib option availability.

SHERWIN-WILLIAMS
Coil Coatings

PRODUCT INFORMATION

PROFILE OPTIONS

- Single lock panel
- Double lock panel
- Radius panel (single or double lock)

FINISHES

Available in a wide variety of coatings and colors. See the Drexel Metals color charts for standard colors and paint specifications

PANEL RIB

Factory made or field rolled to exact lengths options

- Flat Panel
- Bead
- Clip Relief
- Small and Large V
- Striations
- Small and Large Pencil

INSTALLATION

Can be installed over plywood, steel decking, and Polyiso with approved underlayment, or open framing. Please see Drexel Metals installation details for complete information.

SLOPE

Minimum slope 1/2:12

TESTING

- UL 580 Wind Uplift (Class 90)
- TAS 125 Wind Uplift
- UL 1897 Extended Phase Wind Uplift
- UL 2218 Class 4 Hail Impact
- UL 790 Class A Fire Rating
- UL Environmental – SRI Third Party Verified
- ASTM E1592 Uniform Static Air Pressure Uplift
- ASTM E1646 Water Infiltration
- TAS 100 Wind Driven Rain
- ASTM E1680 Air Infiltration
- ASTM E1886 Missile Impact
- ASTM 2140 Static Pressure Water Head
- Miami-Dade County Approved
- Florida Building Code Approved
- Texas Department of Insurance Approval

Testing in accordance with



WARRANTY

35 YEAR WARRANTY - GALVALUME AND ALUMINUM SUBSTRATES

35 year non Pro-rated PVDF Paint Warranty

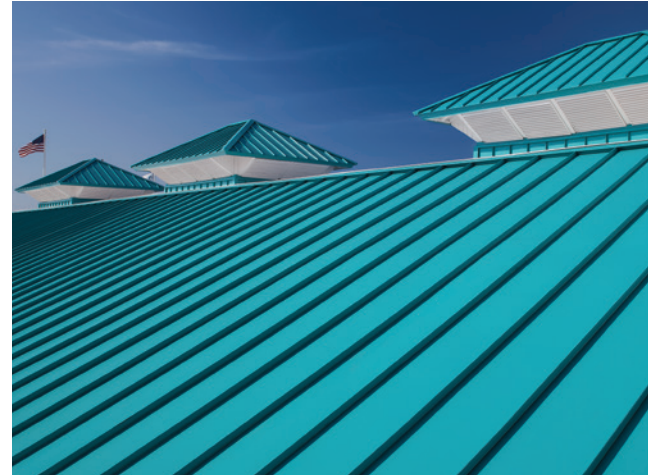
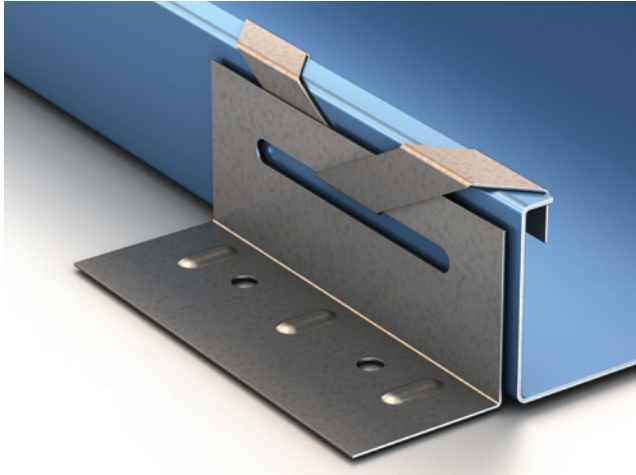
High-performance painted metal roofing product, carefully tensioned leveled for superior flatness.

25 YEAR WARRANTY - DREXLUME SUBSTRATE

Mill finished Galvalume with a two-sided, clear acrylic finish.

Allowable Uniform	Deflection Ratio L/180							
	Span	2.00	2.50	3.00	3.50	4.00	4.50	5.00
Inward Load Table + psf	24 ga x 16"	327	219	157	117	91	72	59
Outward Load Table - psf	24 ga x 16"	113	100	88	76	63	51	39

DREXEL METALS CLIPS AND ACCESSORIES



SIMPLIFYING METAL ROOFING SYSTEMS

Your machine makes one component of the total metal roof system. Drexel Metals has invested millions of dollars to ensure our metal roof system meets the required building codes. Together with our QA program, DM-ARM Authorized Fabricator and Certified Installer Program, you can install the total Drexel Metals system with the peace of mind that Drexel Metals will stand behind our products 100%. Enroll in our Gold Standard Paint Warranty Program, and you will have a competitive advantage to compete with anyone! Our Gold Standard Paint Warranty is the strongest warranty in the industry, covering labor and materials, and is also transferrable for the life of the warranty.

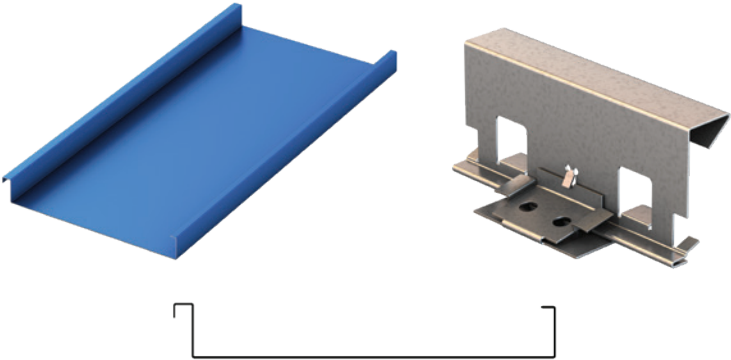
ARCHITECTURAL • COMMERCIAL • RESTORATION/CUSTOM



STANDING SEAM CLIPS

PANEL | DMC 200S

CLIP | DMC 200S FLOATING

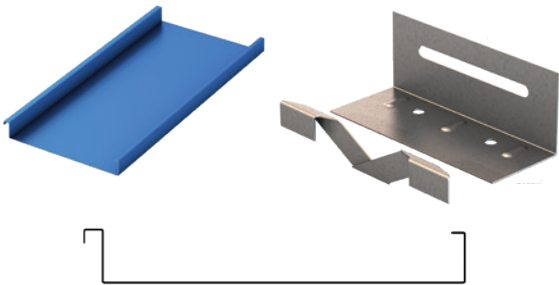


PART	HEIGHT	PRODUCT	PCS/BOX	STOCK
2062	2 3/8"	HD GALV.	120	IN STOCK
2063	3"	HD GALV.	110	2-3 WEEKS

PANEL | DMC 200S

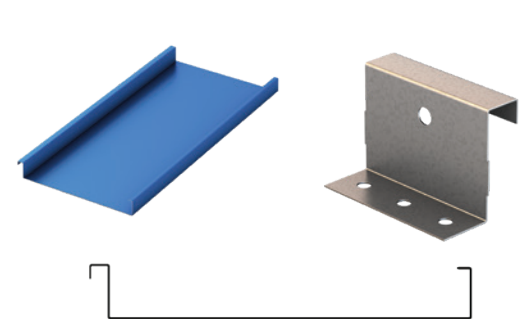
CLIP | DMC 200S BUTTERFLY

PART	PRODUCT	PCS/BOX	STOCK
2003	HD GALV. TOP	150	IN STOCK
2005	HD GALV. BASE	150	IN STOCK
2024	STAINLESS TOP	150	IN STOCK
2025	STAINLESS BASE	150	IN STOCK
2026	HD GALV. 10'	1	CALL



PANEL | DMC 200SS

CLIP | DMC 200S



PART	PRODUCT	PCS/BOX	STOCK	GAUGE
2038	HD GALV.	300	IN STOCK	22
2039	STAINLESS	300	CALL	22
2013*	HD GALV.	300	IN STOCK	24
2046	3X3 BEARING PLATES	300	IN STOCK	

*Not tested or Miami-Dade approved.





FASTENERS

PRODUCT	PRODUCT NAME	DMC PART NO.	AVAILABLE LENGTHS	CARTON QUANTITY
	For use with any Drexel Metals metal roofing system installed over plywood or wood trusses. Stainless is required when installing over any pressure treated or marine grade plywood.	#10 - 13 Pancake screw A point	Carbon: 1" - #3002 1.5" - #3003 Stainless: 1" - #3004 1.5" - #3011	1" 1.5" 5K Screws - 1" 3K Screws - 1.5"
	For use with any Drexel Metals metal roofing product installed over steel decking or metal trusses. Perfect for metal to metal applications!	#10 - 16 Pancake screw Self Driller	#3017	1" 5K Screws
	For use with any Drexel Metals metal roofing system installed over plywood decks or wood trusses.	#10 - 9 Low Profile Clip Screw	#3001	1.125" 5K Screws - 1.125"
	For use with any Drexel Metals metal roofing system installed over rigid insulation.	#14 - 13 Pancake Screw	Carbon: 2" - #3024 3" - #3026 4" - #3018 5" - #3016 6" - #3007 7" - #3019 Stainless: CALL	1.5", 2", 3" 4" 4.5" 5", 6", 7", 8" & 9" (3-5 day lead-time) 2,5K Screws - 1.5" 1K Screws - 2" & 3" 500 Screws - 4" to 7" 250 Screws - 8" & 9"
	For use with any Drexel Metals metal roofing system installed with an exposed fastener into wood.	#10 - 14 Panel Tite Wood Screws	3000 - Color 3" - #3027 4" - #3028 5" - #3029 6" - #3030 7" - #3031 9" - #3034	1", 1.5", 2", 2.5" & 3" Drexel Metals Stocks 1.5" Painted In Our Standard Colors 3K Screws - 1" 2,5K Screws - 1.5" 2K Screws - 2" 1,5K Screws - 2.5" 1K Screws - 3" 500 Screws - 4" to 9"
	For use with any Drexel Metals metal roofing system where metal to metal needs to be sealed. Perfect for floating panels.	#12 - 14 Zinc Cap Head	3300 - Color	1.5" (5-7 day lead-time) 1,5K Screws - 1.5"

Drexel Metals has access to additional fasteners to fit your needs (self drillers, stitch screws, etc.). Please call your local sales representative or our technical office.

SPECIFICATION DATA

Standing Seam Metal Roofing Panels 07 41 13



This specification data sheet supplied by Drexel Metals Inc. as a point of reference for our Pre-Finished Steel and Aluminum Sheet and Coil.

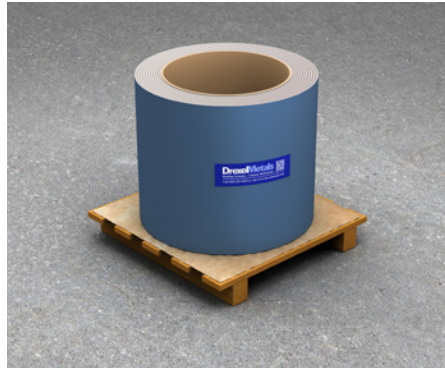
DESCRIPTION

Drexel Metals offers two types of pre-painted substrates:

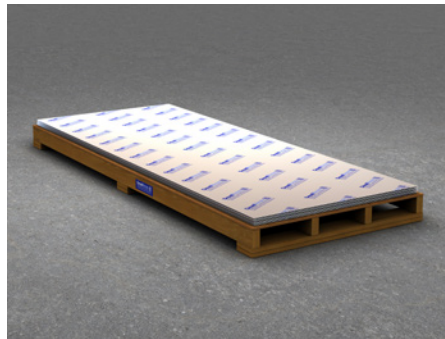
- Our steel products are made of Galvalume®, an Aluminum / Zinc coated carbon steel and is extra smooth, minimum spangle, tension leveled.
- Our aluminum are made of prime grade aluminum, typically with an alloy of 3003 or 3105 and a temper of H14 or H24 depending on the application.
- Drexel Metals uses full strength Hylar 5000™ / Kynar 500® (contains a minimum of 70% Hylar / Kynar polyvinylidene fluoride (PVDF) resins) manufactured by Valspar. Our premium Fluoropon fluoropolymer coating system consists of a 1.0 (±0.1) mil total dry film thickness on the topside (0.2 mils to 0.3 mils primer and 0.7 mils to 0.8 mils topcoat) and our 0.5 dry film thickness polyester stenciled backer to complete traceability.

Drexel Metals PVDF Coated Galvalume® Steel and Aluminum Architectural Sheet & Coil is for general sheet metal use in building applications and can be utilized for fascia panels, soffits, gravel stops, copings, and roofing such as flat seam, standing seam, batten seam, and mansards.

DREXEL METALS COIL PRODUCT



DREXEL METALS FLAT SHEET



MANUFACTURER

Drexel Metals Inc.

1234 Gardiner Lane

Louisville, KY 40213

Toll Free: 888.321.9630

Phone: 502-716-7143

Fax: 877.321.9638

Web: www.drexelmetals.com

E-Mail: marketing@drexmet.com

PRODUCT DESCRIPTION

Since 1985, Drexel Metals has provided a full range of superior quality engineered metal roofing systems, equipment and custom fabrication services for commercial, governmental, industrial, historical and architectural customers worldwide. Headquartered in Louisville, KY, the company operates several sales, fabrication and distribution locations, in addition to its extended family of Regional

Manufacturers (DM-ARM) network of certified contractors and distributors who further market Drexel Metals proven-brand products, all fully backed and site-certified by Drexel Metals' industry-leading warranty programs.

Manufacturer Memberships and Affiliations:

- MCA - Metal Construction Assoc.
- CSI - Construction Specifiers Institute
- AIA - American Institute of Architects
- NRCA - National Roofing Contractors Association
- FRSA - Florida Roofing and Sheet Metals Association.
- NERCA - New England Roofing Contractors Association
- USGBC - United States Green Building Council.
- Energy Star Partner
- US DOE EEB Hub Platform Member - Energy Efficient Buildings Hub.
- CMRC - Cool Metal Roof Council.
- UL Environmental
- ATI - Architectural Testing QA

TECHNICAL DATA

- ASTM A755M - Standard Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Exposed Building Products
- ASTM A792-96 - Standard Specification for Steel Sheet, 50% or 55% Aluminum-Zinc Alloy Coated by a hot dipping process.
- ASTM B-209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
- ASTM D 2244 - Standard Practice for Calculation of Color Tolerance and Color Differences.
- ASTM D 968 - Abrasion Resistance
- AAMA 2605 - High Performance Specification for PVDF Coated Aluminum

SPECIFICATION DATA

Standing Seam Metal Roofing Panels 07 41 13



METHODS OF APPLICATION

- I. Install in accordance with recognized sheet metal practices and Drexel Metals details.
- II. Drexel Metals Products can be cut, formed and fastened using conventional hand, sheet metal tools and power tools.
- III. For best results cutting tools should be kept sharp, clean and in good working condition.
- IV. If the use of strippable film is used, all film should be removed from areas of concealed or joined pieces.
- V. Be aware of how tight the radius of your bends are. It is recommended $\frac{1}{64}$ " radius when fabricating hemmed components.

SURFACE FINISH

- PVDF (Kynar500® or Hylar5000®) manufactured by Valspar.
- Drexel Metals Standard and Premium Colors Available.
- Polyester, SMP and Custom

APPLICATION CHARACTERISTICS

- Film Thickness
 - Topside finish:
 - Primer (dry) = 0.20 – 0.30 mils;
 - Topcoat (dry) = 0.70 – 0.80 mils;
 - Reverse side finish:
 - Primer (dry) = 0.15 – 0.25 mils;
 - Pigmented backer (dry) = 0.30 – 0.40 mils.
- Total DFT for system = 0.90 – 1.10 mils. All measurements per ASTM D 5796.
- Topside Color: Controlled to the Master Standard by an approved Color Difference Meter or Spectrophotometer, and by visual match under daylight and horizon light of a Macbeth Daylight Booth per ASTM D 1729.

PHYSICAL PROPERTIES

- **Specular Gloss:** 10% – 35%. Determined per ASTM D 523 at a glossmeter angle of 60° or 85° (low gloss is 10% @ 85°)
- **Pencil Hardness:** Minimum pencil hardness, per ASTM D 3363, is "HB".
- **Solvent Resistance:** Passes minimum of 100 double rubs of a MEK soaked cloth, per ASTM D 5402.
- **Cross-Hatch Adhesion:** No paint removal with Scotch #610 cellophane tape after cross-scoring with eleven horizontal and eleven vertical lines 1 mm apart, per ASTM D 3359.
- **Impact Resistance:** No visible paint removal with Scotch #610 cellophane tape after direct and reverse impact of 80-inch pounds, using $\frac{5}{8}$ " steel ball on a Gardner Impact Tester, per ASTM D 2794.
- **T-Bend Adhesion:** Per ASTM D 4145, no loss of adhesion when taped with Scotch #610 cellophane tape when subjected to a 2T-Bend.

TESTING DATA

- **Humidity Resistance:** No blistering, cracking, peeling, loss of gloss or softening of the finish after 2000 hours (HDG, Galvalume) or 3000 hours (Aluminum) of exposure to 100% humidity at 100°F ± 5°F, per ASTM D 2247.
- **Cleveland Condensing:** No blistering, rusting or loss of adhesion of the finish after 1500 hours (Galvalume) or 3000 hours (Aluminum) of exposure at 120°F, per ASTM D 4585.
- **Water Immersion Resistance:** Samples immersed in distilled water at 100°F per ASTM D 870 will exhibit no loss of gloss, blistering, cracking or color change after 500 hours.

- **Salt Spray Resistance:** Samples diagonally scored and subjected to 5% neutral salt spray for 1000 hours (HDG, Galvalume) or 3000 hours (Aluminum), per ASTM B 117, then taped 1 hour after removal from the test cabinet with Scotch #610 cellophane tape, exhibit no blistering, no loss of adhesion and scribe creep no greater than $\frac{1}{8}$ ".
- **Chemical Resistance:** No significant color change after 24 hours exposure to 10% solutions of hydrochloric and sulfuric acids, per ASTM D 1308, Procedure 7.2 (spot test).
- **Kesternich Test:** No significant color change after 10 cycles in a SO₂ chamber, per ASTM G 87.
- **Accelerated Weathering:** 5 Hunter ΔE maximum color change, and at least #8 chalk rating after 10,000 hours exposure, per ASTM G 151 and G 154 using UVA-340 bulbs.
- **Exterior Weathering:** Florida exposure (45° South), 5 Hunter ΔE maximum color change, per ASTM D 2244, and at least #8 chalk rating, per ASTM D 4214, Method A, after 20 years real-time exposure.
- **Abrasion Resistance:** Per ASTM D 968, Method A, Fluropon passes 65 +/- 5 liters minimum of falling sand.
- **Flame Spread Rating:** Fluropon displays a flame spread classification of A (Class 1) when tested in accordance with ASTM E 84.

SPECIFICATION DATA

Standing Seam Metal Roofing Panels 07 41 13



PRODUCT DATA

COLOR	31 Standard Colors (*) 10 Standard Low Gloss Colors (*)
TOP FINISH	Low to Medium Gloss
BOTTOM FINISH	Polyester with Drexel Metals Stencil
GAUGE: 24 Gauge	LBS./SF: .9380 (± 5%)
GAUGE: 22 Gauge	LBS./SF: 1.18 (± 5%)
GAUGE: 26 Gauge	LBS./SF: .7410 (± 5%)
GAUGE: 0.032	LBS./SF: .461 (± 5%)
GAUGE: 0.040	LBS./SF: .576 (± 5%)
GAUGE: 0.050	LBS./SF: .716 (± 5%)
GAUGE: 0.063	LBS./SF: .920 (± 5%)

PRODUCT DIMENSIONS

GAUGE: 24 Gauge	Master Coil: 40.375" / 44.375" / 48.375" (*)
GAUGE: 22 Gauge	Master Coil: 48.375" (*)
GAUGE: 26 Gauge	Master Coil: 48.375" (*)
GAUGE: 0.025	Master Coil: 48.000" (*)
GAUGE: 0.032	Master Coil: 40.500" and 48.000" (*)
GAUGE: 0.040	Master Coil: 48.000" (*)
GAUGE: 0.050	Master Coil: 48.000" (*)
GAUGE: 0.063	Master Coil: 48.000" (*)

* All colors may not be available in all colors, gauges, or widths. Call Drexel Metals for additional information.

RECYCLED CONTENT

- 6.6% Post- Industrial
- 24.6% Post Consumer
- Our products contributes to LEED credit:MR 4.1



This sheet is meant only to highlight Drexel Metals products and specifications. Information is subject to change without notice. Drexel Metals takes responsibility for furnishing quality materials, which meet Drexel Metals product specification. If questions arise as to the soundness of a structure, or its ability to support a planned installation properly, the Owner should obtain opinions of competent structural engineers before proceeding. Drexel Metals accepts no liability for any structural failure or for resultant damages, and no Drexel Metals Representative is authorized to vary this disclaimer.

CORPORATE HEADQUARTERS: 1234 GARDINER LANE, LOUISVILLE, KY 40213 | 888-321-9630 TOLL-FREE | 502-690-6174 FAX | DREXELMETALS.COM

©2020 Drexel Metals, Inc. All rights reserved. MetShield® is a registered trademark of Drexel Metals, Inc. DensDeck® is a registered trademark of Georgia-Pacific. ENERGY STAR name and logo are registered U.S. marks and are owned by the U.S. government. CAV-GRIP is a trademark of Carlisle Coatings & Waterproofing Incorporated. Warranty statements mentioned are outlines: complete Limited Warranty information is available on request. No other warranty expressed or implied is applicable.

Panel Wind Uplift Performance Chart

6/18/24

*Calculated Factor of Safety = 2.

Panel Profile	Panel Width	Panel Material	Test Report	Substrate	Clip	Clip Part #	Fastener	Fastener Part #	Fastener Per Clip	Sustained PSF Test Pressure	*Design PSF Roof Pressure	Clip Spacing	Notes
DMC 175S	16"	24GA	E-1592	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-67.65	-33.83	30"	
DMC 175S	16"	24GA	E-1592	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-76.34	-38.17	24"	
DMC 175S	16"	24GA	E-1592	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-85.02	-42.51	18"	
DMC 175S	16"	24GA	E-1592	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-93.70	-46.85	12"	
DMC 175S	18"	24GA	E-1592	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-45.00	-22.50	36"	
DMC 175S	18"	24GA	E-1592	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-53.00	-26.50	30"	
DMC 175S	18"	24GA	E-1592	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-60.00	-30.00	24"	
DMC 175S	18"	24GA	E-1592	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-68.00	-34.00	18"	
DMC 175S	18"	24GA	E-1592	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-75.00	-37.50	12"	
DMC 175S	18"	24GA	FM 4471	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-45.00	-22.50	36"	Approval for Class 1 - Uplift Only
DMC 175S	18"	24GA	FM 4471	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-53.00	-26.50	30"	Approval for Class 1 - Uplift Only
DMC 175S	18"	24GA	FM 4471	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-60.00	-30.00	24"	Approval for Class 1 - Uplift Only
DMC 175S	18"	24GA	FM 4471	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-68.00	-34.00	18"	Approval for Class 1 - Uplift Only
DMC 175S	18"	24GA	FM 4471	16GA Purlin	UL	346225	#10-16 PHD	345752	2	-75.00	-37.50	12"	Approval for Class 1 - Uplift Only
DMC 200S													
DMC 200S	16"	24GA	E-1592	16GA Purlin	Butterfly	346227/346228	#10-16 PHD	345752	2	-135.10	-67.55	36"	180 degree seam
DMC 200S	16"	24GA	N/A	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-105.00	-52.50	60"	Per UL Const #90 / Class 90, 180 seam
DMC 200S	16"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-275.50	-137.75	12"	180 degree seam
DMC 200S	16"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-250.80	-125.40	18"	180 degree seam
DMC 200S	16"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-226.10	-113.05	24"	180 degree seam
DMC 200S	16"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-201.40	-100.70	30"	180 degree seam
DMC 200S	16"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-176.80	-88.40	36"	180 degree seam
DMC 200S	16"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-152.10	-76.05	42"	180 degree seam
DMC 200S	16"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-127.40	-63.70	48"	180 degree seam
DMC 200S	16"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-102.70	-51.35	54"	180 degree seam
DMC 200S	16"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-78.00	-39.00	60"	180 degree seam
DMC 200S	18"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-265.10	-132.55	12"	180 degree seam
DMC 200S	18"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-241.10	-120.55	18"	180 degree seam
DMC 200S	18"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-217.00	-108.50	24"	180 degree seam
DMC 200S	18"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-193.00	-96.50	30"	180 degree seam
DMC 200S	18"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-169.00	-84.50	36"	180 degree seam
DMC 200S	18"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-144.90	-72.45	42"	180 degree seam
DMC 200S	18"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-120.90	-60.45	48"	180 degree seam
DMC 200S	18"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-96.80	-48.40	54"	180 degree seam
DMC 200S	18"	24GA	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-72.80	-36.40	60"	180 degree seam
DMC 200S	18"	24GA	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-142.00	-71.00	48"	180 degree seam
DMC 200S	18"	24GA	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-157.00	-78.50	42"	180 degree seam
DMC 200S	18"	24GA	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-172.00	-86.00	36"	180 degree seam
DMC 200S	18"	24GA	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-187.00	-93.50	30"	180 degree seam
DMC 200S	18"	24GA	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-202.00	-101.00	24"	180 degree seam
DMC 200S	18"	24GA	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-217.00	-108.50	18"	180 degree seam
DMC 200S	18"	24GA	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-232.00	-116.00	12"	180 degree seam
DMC 200S	18"	24GA	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-247.00	-123.50	6"	180 degree seam
DMC 200S	18"	24GA	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-142.00	-71.00	24	90 degree seam
DMC 200S	16"	24GA	UL 580	22 GA B-Deck w/ISO	Butterfly	346227/346228	#14-13 DS	PH Deck Driller	2	-83.40	-41.70	48"	180 degree seam
DMC 200S	16"	24GA	UL 580	22 GA B-Deck w/ISO	Butterfly	346227/346228	#14-13 DS	PH Deck Driller	2	-112.93	-56.47	36"	180 degree seam
DMC 200S	16"	24GA	UL 580	22 GA B-Deck w/ISO	Butterfly	346227/346228	#14-13 DS	PH Deck Driller	2	-153.50	-76.75	24"	180 degree seam
DMC 200S	16"	24GA	UL 580	22 GA B-Deck w/ISO	Butterfly	346227/346228	#14-13 DS	PH Deck Driller	2	-172.00	-86.00	12"	180 degree seam
DMC 200S	16"	24GA	UL 580	22 GA B-Deck w/ISO	Cont. Base Butterfly	N/A	#14-13 DS	PH Deck Driller	2@12"	-243.50	-121.75	12"	180 degree seam
DMC 200S	16"	24GA	UL 580	22 GA B-Deck	Butterfly	346227/346228	#10-16 PHD	345752	2	-168.50	-84.25	24"	180 degree seam
DMC 200S	16"	24GA	UL 580	22 GA B-Deck	Cont. Base Butterfly	N/A	#10-16 PHD	345752	2@12"	-303.50	-151.75	12"	180 degree seam
DMC 200S	18"	24GA	UL 580	5/8" OSB/B Deck/ISO	Butterfly	346227/346228	#10-13 PHW	345478	2	-172.00	-86.00	24"	180 degree seam
DMC 200S	18"	24GA	UL 580	5/8" OSB/B Deck/ISO	Butterfly	346227/346228	#10-13 PHW	345478	2	-172.00	-86.00	8"	180 degree seam
DMC 200S	18"	24GA	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-105.00	-52.50	24"	90 degree seam
DMC 200S	18"	24GA	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-90.00	-45.00	36"	180 degree seam
DMC 200S	18"	24GA	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-127.00	-63.50	24"	180 degree seam
DMC 200S	18"	24GA	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-142.00	-71.00	18"	180 degree seam

Panel Wind Uplift Performance Chart

6/18/24

*Calculated Factor of Safety = 2.

Panel Profile	Panel Width	Panel Material	Test Report	Substrate	Clip	Clip Part #	Fastener	Fastener Part #	Fastener Per Clip	Sustained PSF Test Pressure	*Design PSF Roof Pressure	Clip Spacing	Notes
DMC 200S	18"	24GA	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-157.00	-78.50	12"	180 degree seam
DMC 200S	18"	24GA	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-172.00	-86.00	6"	180 degree seam
DMC 200S	16"	24GA	UL 580	1/2" plywood	Butterfly	346227/346228	#10-13 PHW	345478	2	-112.00	-56.00	36"	180 degree seam
DMC 200S	16"	24GA	UL 580	1/2" plywood	Butterfly	346227/346228	#10-13 PHW	345478	2	-152.00	-76.00	24"	180 degree seam
DMC 200S	16"	24GA	UL 580	1/2" plywood	Butterfly	346227/346228	#10-13 PHW	345478	2	-192.00	-96.00	12"	180 degree seam
DMC 200S	16"	24GA	UL 580	1/2" plywood	Butterfly	346227/346228	#10-13 PHW	345478	2	-232.00	-116.00	6"	180 degree seam
DMC 200S	18"	24GA	UL 580	5/8" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-172.00	-86.00	18"	180 degree seam
DMC 200S	18"	24GA	UL 580	5/8" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-217.00	-108.50	12"	180 degree seam
DMC 200S	18"	24GA	UL 580	5/8" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-262.00	-131.00	6"	180 degree seam
DMC 200S	18"	24GA	UL 580	5/8" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-352.00	-176.00	6"	180 degree seam w/MetShield HT
DMC 200S	18"	.032" AL	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-90.00	-45.00	36"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-112.40	-56.20	30"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-134.80	-67.40	24"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-157.20	-78.60	18"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-179.60	-89.80	12"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	1/2" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-202.00	-101.00	6"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	5/8" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-157.00	-78.50	18"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	5/8" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-209.50	-104.75	12"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	5/8" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-262.00	-131.00	6"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	5/8" plywood	Utility Floating	348015	#10-13 PHW	345478	2	-292.00	-146.00	6"	180 degree seam w/MetShield HT
DMC 200S	16"	.040" AL	UL 580	1/2" plywood	Butterfly	346227/346228	#10-13 PHW	345478	2	-150.00	-75.00	24"	180 degree seam
DMC 200S	16"	.040" AL	UL 580	1/2" ply/ISO/Acou.Deck	2-Pc. Float Arch	346236	#10-13 PHW	345478	2	-172.00	-86.00	24"	20GA Acoustical N-Deck, 180 seam
DMC 200S	16"	.040" AL	UL 580	5/8" plywood	S.S. 2-1/8" Fixed	347084	#10-13 PHW	345784	2	-195.00	-97.50	16"	180 degree seam
DMC 200S	16"	.040" AL	UL 580	5/8" plywood	S.S. 2-1/8" Fixed	347084	#10-13 PHW	345784	2	-360.00	-180.00	8"	w/Seam Adhesive 70-05A, 180 seam
DMC 200S	18"	.032" AL	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-157.00	-78.50	48"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-178.43	-89.21	42"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-199.86	-99.93	36"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-221.29	-110.64	30"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-242.71	-121.36	24"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-264.14	-132.07	18"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-285.57	-142.79	12"	180 degree seam
DMC 200S	18"	.032" AL	UL 580	22 GA B-Deck w/ISO	Utility Floating	348015	#14-13 DS	PH Deck Driller	2	-307.00	-153.50	6"	180 degree seam
DMC 200S	16"	.040" AL	UL 580	22 GA B-Deck w/ISO	Butterfly	346227/346228	#10-16 PHW	345752	2	-247.00	-123.50	6"	180 degree seam
DMC 200S	16"	.040" AL	UL 580	22 GA B-Deck & 1/2" Ply	2-Pc. Float Arch	346236	#14-13 DS	PH Deck Driller	2	-142.00	-71.00	24"	180 degree seam
DMC 200S	16"	.040" AL	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-249.70	-124.85	12"	180 degree seam
DMC 200S	16"	.040" AL	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-227.60	-113.80	18"	180 degree seam
DMC 200S	16"	.040" AL	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-205.50	-102.75	24"	180 degree seam
DMC 200S	16"	.040" AL	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-183.40	-91.70	30"	180 degree seam
DMC 200S	16"	.040" AL	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-161.30	-80.65	36"	180 degree seam
DMC 200S	16"	.040" AL	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-139.20	-69.60	42"	180 degree seam
DMC 200S	16"	.040" AL	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-117.10	-58.55	48"	180 degree seam
DMC 200S	16"	.040" AL	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-95.00	-47.50	54"	180 degree seam
DMC 200S	16"	.040" AL	E-1592	16GA Purlin	Floating Structural	346235	#1/4-14 SD	345868	2	-72.80	-36.40	60"	180 degree seam
DMC 210A													
DMC 210A	16"	24GA	UL 580	1/2" plywood	3" Floating	Call Drexel	#10-13 PHW	345478	2	-156.50	-78.25	24"	180 degree seam
DMC 150SS													
DMC 150SS	16"	24GA	UL 580	7/16" OSB	Butterfly	346211/346212	#10-13 PHW	345478	2	-157.00	-78.50	16"	90 degree seam
DMC 150SS	20"	24GA	UL 580	7/16" OSB	Butterfly	346211/346212	#10-13 PHW	345478	2	-187.00	-93.50	12"	180 degree seam
DMC 150SS	16"	24GA	UL 580	1/2" plywood	Butterfly	346211/346212	#10-13 PHW	345478	2	-198.50	-99.25	16"	180 degree seam
DMC 150SS	16"	24GA	UL 580	1/2" plywood	Cont. Base Butterfly	N/A	#10-13 PHW	345478	2@12"	-228.50	-114.25	12"	180 degree seam
DMC 150SS	16"	24GA	UL 580	1/2" plywood	6" Wide Fixed 22GA	348683	#10-13 PHW	345478	2	-330.00	-165.00	8"	180 degree seam
DMC 150SS	16"	24GA	N/A	1/2" plywood	6" Wide Fixed 24GA	Call Drexel	#10-13 PHW	345478	4	-105.00	-52.50	48"	Per UL Const # 554 / 90 degree seam
DMC 150SS	16"	24GA	UL 580	1/2" plywood	2" Wide 24GA Fixed	346214	#10-13 PHW	345478	2	-180.00	-90.00	16"	90 degree seam
DMC 150SS	16"	24GA	UL 580	1/2" plywood	6" Wide Fixed 22GA	348683	#10-13 PHW	345478	2	-315.00	-157.50	12"	90 degree seam w/Seam Adh. 70-05A
Palm Beach Series	20"	24GA	UL 580	1/2" plywood	3" Wide Fixed 24GA	346243	#10-13 PHW	345478	2	-187.00	-93.50	24"	90 degree seam
Palm Beach Series	20"	24GA	UL 580	1/2" plywood	3" Wide Fixed 24GA	346243	#10-13 PHW	345478	2	-202.00	-101.00	6"	90 degree seam
Palm Beach Series	20"	24GA	UL 580	1/2" plywood	3" Wide Fixed 24GA	346243	#10-13 PHW	345478	2	-292.00	-146.00	6"	180 degree seam

Air Testing Performance Chart

6/18/24

Panel Profile	Panel Width	Panel Material	Test Report	Substrate	Clip	Clip Part #	Fastener	Fastener Part #	Fastener Per Clip	Sustained PSF Test Pressure	Clip Spacing	Notes
DMC 175S												
DMC 175S	18"	24GA	E-1680	1/2" plywood	UL	2002	#10-13 PHW	345478	2	1.57	16"	No Seam Sealant. Leakage 0.01 cfm/sf
DMC 175S	12"	.032" AL	E-1680	16GA Purlin	UL	2002	#10-16 PHD	345752	2	20.00	N/A	Seam Sealant. 0.017 cfm/sf Leakage
DMC 175S	17.5"	.040" AL	E-1680	1/2" plywood	UL	2002	#10-13 PHW	345478	2	1.57	18"	No Seam Sealant. Leakage 0.02 cfm/sf
DMC 200S												
DMC 200S	16"	.040" AL	E-1680	1/2" plywood	Butterfly	2003 & 2005	#10-13 PHW	345478	2	1.57	24"	180 degree seam. No Seam Sealant. Leakage <0.01 cfm/sf
DMC 200S	16"	24GA	E-1680	1/2" plywood	Butterfly	2003 & 2005	#10-13 PHW	345478	2	1.57	16"	180 degree seam. No Seam Sealant. Leakage <0.01 cfm/sf
DMC 200S	16"	24GA	E-1680	1/2" OSB/B Deck/ISO	Butterfly	2003 & 2005	#10-13 PHW	345478	2	1.57	24"	180 degree seam. No Seam Sealant. Leakage <0.01 cfm/sf
DMC 200S	16"	24GA	E-1680	22GA B-Deck	Butterfly	2003 & 2005	#10-13 PHW	345478	2	1.57	24"	180 degree seam. No Seam Sealant. Leakage 0.02 cfm/sf
DMC 200S	16"	24GA	E-1680	16GA Purlin	Butterfly	2003 & 2005	#10-16 PHD	345752	2	12.00	16"	180 degree seam. w/Seam Sealant. Leakage 0.001 cfm/sf
DMC 150SS												
DMC 150SS	16"	24GA	E-1680	1/2" plywood	Butterfly	2006 & 2008	#10-13 PHW	345478	2	1.57	16"	180 degree seam. No Seam Sealant. Leakage <0.01 cfm/sf
DMC 150SS	16"	24GA	E-1680	16GA Purlin	Butterfly	2006 & 2008	#10-16 PHD	345752	2	12.00	16"	180 degree seam. w/Seam Sealant. Leakage 0.006 cfm/sf
DMC 150SS	16"	.032" AL	E-1680	1/2" plywood	Butterfly	2006 & 2008	#10-13 PHW	345478	2	1.57	16"	180 degree seam. No Seam Sealant. Leakage 0.02 cfm/sf
DMC 550S												
DMC 550S	12"	24GA	E-1680	16GA Purlin	UL	2072	#14-13 DS	PH Deck Driller	2	20.00	N/A	Seam Sealant. 0.172 cfm/sf Leakage
DMC 550S	12"	.032" AL	E-1680	16GA Purlin	UL	2072	#14-13 DS	PH Deck Driller	2	20.00	N/A	Seam Sealant. 0.175 cfm/sf Leakage
DMC FWQ100												
DMC FWQ100	12"	24GA	E-283	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	20.00	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant 0.179 cfm/sf Leakage
DMC FWQ100	12"	24GA	E-283	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	12.00	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant 0.086 cfm/sf Leakage
DMC FWQ100	12"	24GA	E-283	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	6.24	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant 0.030 cfm/sf Leakage
DMC FWQ100	12"	24GA	E-283	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	1.57	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant 0.005 cfm/sf Leakage
DMC FWQ100	12"	.032" AL	E-283	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	20.00	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant 0.211 cfm/sf Leakage
DMC FWQ100	12"	.032" AL	E-283	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	12.00	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant 0.102 cfm/sf Leakage
DMC FWQ100	12"	.032" AL	E-283	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	6.24	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant 0.054 cfm/sf Leakage
DMC FWQ100	12"	.032" AL	E-283	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	1.57	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant 0.033 cfm/sf Leakage
DMC FWQ150												
DMC FWQ150	12"	.032" AL	E-283	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	1.57	48"	Sidelap Screw 18" o.c. w/Butyl Seam Sealant 0.021 cfm/sf Leakage
DMC FW1												
DMC FW1	12"	24GA	E-283	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	6.24	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant 0.002 cfm/sf Leakage
DMC 164-F												
DMC 164-F	16"	24GA	E-283	18GA Wall Studs	N/A	N/A	#14-13 DS	PH Deck Driller	N/A	12.00	24"	Tyvek, 5/8" Gyp, Wall Stud 0.008 cfm/SF Leakage
DMC 164-F	16"	24GA	E-283	16GA Wall Studs	N/A	N/A	#10-16 PHD	345752	N/A	6.24	16"	Tyvek, 5/8" Gyp, Wall Stud 0.005 cfm/SF Leakage
DMC 164-F	16"	.032" AL	E-283	18GA Wall Studs	N/A	N/A	#14-13 DS	PH Deck Driller	N/A	12.00	24"	Tyvek, 5/8" Gyp, Wall Stud 0.008 cfm/SF Leakage
DMC 164-C												
DMC 164-C	16"	24GA	E-283	16GA Wall Studs	Horizontal Wall Clip	Call Drexel	#10-16 PHD	345752	2	6.24	16"	Tyvek, 5/8" Gyp, Wall Stud 0.002 cfm/SF Leakage
Board & Batten												
Board & Batten	12"	.032" AL	E-283	1/2" plywood	N/A	N/A	#10-13 PHW	345478	N/A	6.27	6.5"	Tyvek, Fastener every slot, Leakage.03 cfm/sf
7/8" Corrugated												
7/8" Corrugated	37.33"	24GA	E-1680	16GA Hat Section	N/A	N/A	#1/4-14	Call Drexel	N/A	6.24	45"	3/16"x1/4" Butyl Sidelap Sealant. Leakage .024 cfm/sf
7/8" Corrugated	37.33"	24GA	E-283	16GA Hat Section	N/A	N/A	#1/4-14	Call Drexel	N/A	6.24	45"	3/16"x1/4" Butyl Sidelap Sealant. Leakage .024 cfm/sf
R-Panel												
R-Panel	36"	24GA	E-1680	16GA Hat Section	N/A	N/A	#12-14	Call Drexel	N/A	6.24	45"	1/8"x1/2" Butyl Sidelap Sealant. Leakage .001 cfm/sf
R-Panel	36"	24GA	E-283	16GA Hat Section	N/A	N/A	#12-14	Call Drexel	N/A	6.24	45"	1/8"x1/2" Butyl Sidelap Sealant. Leakage .001 cfm/sf
7.2 Rib Panel												
7.2 Rib Panel	36"	24GA	E-1680	16GA Hat Section	N/A	N/A	#1/4-14	Call Drexel	N/A	6.24	45"	1/8"x1/4" Butyl Sidelap Sealant. Leakage .019 cfm/sf
7.2 Rib Panel	36"	24GA	E-283	16GA Hat Section	N/A	N/A	#1/4-14	Call Drexel	N/A	6.24	45"	1/8"x1/4" Butyl Sidelap Sealant. Leakage .019 cfm/sf
Facade Series: HL Wall Panel Systems (HL-DV11, HL-DV15, HL-DE11, HL-DE15, HL-TE12, HL-S11, HL-S15)												
Façade HL	12"	24GA	E-283	16GA Purlin	2-1/2" 20GA S.S		#14-13 DS		2	20.00	24"	0.0042 cfm/sf Leakage
Facade Series: BR Wall Panel Systems (BR-1, BR-2, BR-3, BR-4)												
Façade BR	12"	24GA	E-283	16GA Purlin	2-1/2" 20GA S.S		#14-13 DS		2	20.00	24"	0.0042 cfm/sf Leakage

Water Testing Performance Chart

6/18/24

Panel Profile	Panel Width	Panel Material	Test Report	Substrate	Clip	Clip Part #	Fastener	Fastener Part #	Fastener Per Clip	Sustained PSF Test Pressure	Clip Spacing	Notes
DMC 175S												
DMC 175S	12"	24GA	TAS 100	1/2" plywood	UL	2002	#10-13 PHW	345478	2	PASS	8"	110mph at 2:12 No Seam Sealant
Miami Series	18"	24GA	TAS 100	1/2" plywood	UL	2002	#10-13 PHW	345478	2	PASS	16"	110mph at 2:12 No Seam Sealant
Miami Series	14"	.032" AL	TAS 100	1/2" plywood	UL	2002	#10-13 PHW	345478	2	PASS	16"	110mph at 2:12 No Seam Sealant
DMC 175S	12"	.032" AL	E-1646	16GA Purlin	UL	2002	#10-16 PHD	345752	2	20.00	N/A	Seam Sealant. No Leakage
DMC 175S	12"	.032" AL	TAS 100	1/2" plywood	UL	2002	#10-13 PHW	345478	2	PASS	8"	110mph at 2:12 No Seam Sealant
DMC 175S	12"	.032" AL	TAS 100	1/2" plywood	UL - 18GA min.	?	#10-13 PHW	345478	2	PASS	8"	110mph at 2:12 No Seam Sealant, No Peel-N-Stick
DMC 200S												
DMC 200S	16"	24GA	E-1646	16GA Purlin	Butterfly	2003 & 2005	#10-16 PHD	345752	2	20.00	N/A	180 degree seam w/Seam Sealant No Leakage
DMC 200S	16"	24GA	E-2140	16GA Purlin	Butterfly	2003 & 2005	#10-16 PHD	345752	2	6" Deep	N/A	180 degree seam w/Seam Sealant No Leakage
DMC 200S	16"	.040" AL	TAS 100	5/8" plywood	S.S. 2-1/8" Fixed	2039	#10-13 PHW	345478	2	PASS	8"	110mph at 2:12 No Seam Sealant 90 degree seam
DMC 200S	12"	.032" AL	TAS 100	1/2" plywood	Utility Floating	16630	#10-13 PHW	345478	2	PASS	6"	110mph at 2:12 No Seam Sealant 90 degree seam
DMC 150SS												
DMC 150SS	16"	24GA	TAS 100	1/2" plywood	Fixed	2004	#10-13 PHW	345478	2	PASS	16"	90 degree seam. 110mph at 2:12
DMC 150SS	16"	24GA	TAS 100	1/2" plywood	6" Fixed 22GA	2056	#10-13 PHW	345478	2	PASS	8"	90 degree seam. 110mph at 2:12
DMC 150SS	16"	.032" AL	TAS 100	1/2" plywood	S.S. Fixed	2053	#10-13 PHW	345478	2	PASS	16"	180 degree seam. 110mph at 2:12
DMC 150SS	16"	.032" AL	TAS 100	1/2" plywood	6" S.S. Fixed 22GA	2057	#10-13 PHW	345478	2	PASS	8"	90 degree seam. 110mph at 2:12
Palm Beach Series	12"	.032" AL	TAS 100	1/2" plywood	3" Wide Fixed 24GA	2082	#10-13 PHW	345478	2	PASS	6"	90 degree seam. 110mph at 2:12
DMC 150SS	16"	24GA	E-1646	16GA Purlin	Butterfly	2006 & 2008	#10-16 PHD	345752	2	20.00	N/A	180 degree seam w/Seam Sealant No Leakage
DMC 150SS	16"	24GA	E-2140	16GA Purlin	Butterfly	2006 & 2008	#10-16 PHD	345752	2	6" Deep	N/A	180 degree seam w/Seam Sealant No Leakage
DMC 550S												
DMC 550S	12"	24GA	E-1646	16GA Purlin	UL	2072	#14-13 DS	PH Deck Driller	2	20.00	N/A	Seam Sealant. No Leakage
DMC 550S	12"	.032" AL	E-1646	16GA Purlin	UL	2072	#14-13 DS	PH Deck Driller	2	20.00	N/A	Seam Sealant. No Leakage
DMC 150NS												
Jax Beach Series	15"	.032" AL	TAS 100	1/2" plywood	N/A	N/A	#10-13 PHW	345478	N/A	PASS	6"	110mph w/Bostik 70-05A No Leakage
DMC 100NS												
DMC 100NS	16"	24GA	TAS 100	1/2" plywood	N/A	N/A	#10-13 PHW	345478	N/A	PASS	5.25"(2)	2 screws each slot 110mph No Seam Sealant No Leakage
DMC FWQ100												
DMC FWQ100	12"	24GA	E-331	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	20.00	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant No Leakage
DMC FWQ100	12"	.032" AL	E-331	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	1.57	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant No Leakage
DMC FWQ150												
DMC FWQ150	12"	.032" AL	E-331	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	6.24	48"	Sidelap Screw 18" o.c. w/Butyl Seam Sealant No Leakage
DMC FW1												
DMC FW1	12"	24GA	E-331	16GA Purlin	N/A	N/A	#10-16 PHD	345752	N/A	9.00	48"	Sidelap Screw 24" o.c. w/Butyl Seam Sealant No Leakage
DMC 164-F												
DMC 164-F	16"	24GA	E-331	18GA Wall Studs	N/A	N/A	#14-13 DS	PH Deck Driller	N/A	15.00	24"	Tyvek, 5/8" Gyp, Wall Stud. No Leakage
DMC 164-F	16"	24GA	AAMA 501.1	18GA Wall Studs	N/A	N/A	#14-13 DS	PH Deck Driller	N/A	15.00	24"	Tyvek, 5/8" Gyp, Wall Stud. No Leakage
DMC 164-F	16"	24GA	E-331	16GA Wall Studs	N/A	N/A	#10-16 PHD	345752	N/A	12.48	16"	Tyvek, 5/8" Gyp, Wall Stud. No Leakage
DMC 164-F	16"	24GA	AAMA 501.1	16GA Wall Studs	N/A	N/A	#10-16 PHD	345752	N/A	15.00	16"	Tyvek, 5/8" Gyp, Wall Stud. No Leakage
DMC 164-F	16"	.032" AL	E-331	18GA Wall Studs	N/A	N/A	#14-13 DS	PH Deck Driller	N/A	15.00	24"	Tyvek, 5/8" Gyp, Wall Stud. No Leakage
DMC 164-F	16"	.032" AL	AAMA 501.1	18GA Wall Studs	N/A	N/A	#14-13 DS	PH Deck Driller	N/A	15.00	24"	Tyvek, 5/8" Gyp, Wall Stud. No Leakage
DMC 164-C												
DMC 164-C	16"	24GA	E-331	16GA Wall Studs	Horizontal Wall Clip	Call Drexel	#10-16 PHD	345752	2	12.48	16"	Tyvek, 5/8" Gyp, Wall Stud. No Leakage
DMC 164-C	16"	24GA	AAMA 501.1	16GA Wall Studs	Horizontal Wall Clip	Call Drexel	#10-16 PHD	345752	2	15.00	16"	Tyvek, 5/8" Gyp, Wall Stud. No Leakage
Board & Batten												
Board & Batten	12"	.032" AL	E-331	1/2" plywood	N/A	N/A	#10-13 PHW	345478	N/A	15.00	6.5"	Tyvek, Fastener every slot, No Leakage.
DMC 5-V												
DMC 5-V	24"	26GA	TAS 100	1/2" plywood	N/A	N/A	#10-15 DW	3000XX	N/A	PASS	8"	110mph at 2:12 with Butyl in Sidelaps
DMC 5-V	21"	.032" AL	TAS 100	1/2" plywood	N/A	N/A	#10-12 DW	Call Drexel	N/A	PASS	6"	110mph at 2:12

7/8" Corrugated												
7/8" Corrugated	37.33"	24GA	E-1646	16GA Hat Section	N/A	N/A	#1/4-14	Call Drexel	N/A	15.00	45"	3/16"x1/4" Butyl Sidelap Sealant. No Leakage
7/8" Corrugated	37.33"	24GA	E-331	16GA Hat Section	N/A	N/A	#1/4-14	Call Drexel	N/A	15.00	45"	3/16"x1/4" Butyl Sidelap Sealant. No Leakage
R-Panel												
R-Panel	36"	24GA	E-1646	16GA Hat Section	N/A	N/A	#12-14	Call Drexel	N/A	15.00	45"	1/8"x1/2" Butyl Sidelap Sealant. No Leakage
R-Panel	36"	24GA	E-331	16GA Hat Section	N/A	N/A	#12-14	Call Drexel	N/A	15.00	45"	1/8"x1/2" Butyl Sidelap Sealant. No Leakage
7.2 Rib Panel												
7.2 Rib Panel	36"	24GA	E-1646	16GA Hat Section	N/A	N/A	#1/4-14	Call Drexel	N/A	15.00	45"	1/8"x1/4" Butyl Sidelap Sealant. No Leakage
7.2 Rib Panel	36"	24GA	E-331	16GA Hat Section	N/A	N/A	#1/4-14	Call Drexel	N/A	15.00	45"	1/8"x1/4" Butyl Sidelap Sealant. No Leakage
Facade Series: HL Wall Panel Systems (HL-DV11, HL-DV15, HL-DE11, HL-DE15, HL-TE12, HL-S11, HL-S15)												
Facade HL	12"	24GA	E-331	16GA Purlin	2-1/2" 20GA S.S		#14-13 DS		2	20.00	24"	No Leakage.
Facade Series: BR Wall Panel Systems (BR-1, BR-2, BR-3, BR-4)												
Facade BR	12"	24GA	E-331	16GA Purlin	2-1/2" 20GA S.S		#14-13 DS		2	20.00	24"	No Leakage.

Date: January 20th, 2022

Re: Buy America Act and Buy American Act

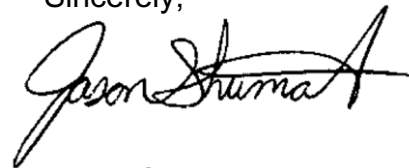
To Whom It May Concern,

Drexel Metals, Inc. has been providing quality metal roof products for the construction industry since 1985. Drexel is a leading supplier of roofing materials and technical support for the metal roofing industry, supplying contractors and distributors with standing seam metal roofing products. The Drexel program includes:

- 100% of our steel and aluminum products from domestic United States Steel and Aluminum mills which support the “Buy America Act” and “Buy American Act” initiatives.
- Supply Chain efficiency.
 - Steel manufactured in Wheeling, WV.
 - Paint supplied from Pittsburgh, PA.
 - Paint Line – Jeffersonville, IN
- Consolidated Freight – Savings on diesel fuel.
- Fabrication facilities strategically located throughout the United States.

We appreciate your business and thank you for your continued support.

Sincerely,



Jason Shumate
Director of Technical Services

COLOR CHART

DrexelMetals
Roofing Systems + Custom Fabrication



A **CARLISLE** COMPANY

GREEN



MILITARY BLUE



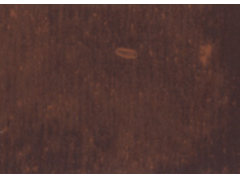
INTERSTATE BLUE



AWARD BLUE

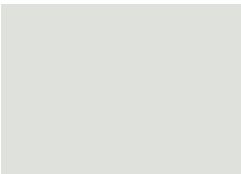
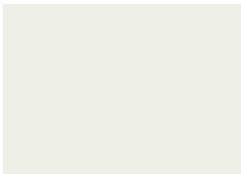
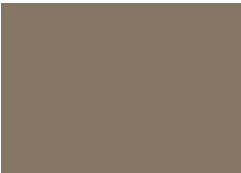
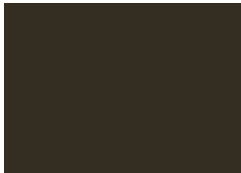


LOW GLOSS*

	
GRANITE	INKWELL
	
TRADITIONAL BLACK	BERKSHIRE BLUE ⌘
	
CLASSIC BRONZE	WEATHERED STEEL ⌘ P

*Additional low gloss colors are offered in the Northeast region.

STANDARD

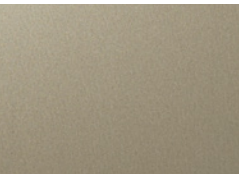
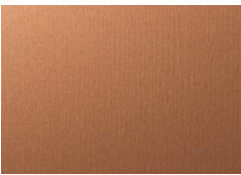
				
STONE WHITE	BONE WHITE	SANDSTONE	ALMOND ⌘	SIERRA TAN
				
BUCKSKIN ⌘	MEDIUM BRONZE	DARK BRONZE	ANTIQUÉ BRONZE ⌘	MIDNIGHT BRONZE
				
AGED BRONZE ⌘	MANSARD BROWN	BLACK	ONYX ⌘	CITYSCAPE
				
SLATE GRAY	GRAPHITE	MUSKET GRAY	BURNISHED SLATE	CHARCOAL
				
IRON ORE	HEMLOCK GREEN	PATINA GREEN ⌘	FOREST GREEN	HARTFORD GREEN ⌘
				
BURGUNDY ⌘	COLONIAL RED	TERRA COTTA	CARDINAL RED	MILITARY BLUE ⌘
				
		PACIFIC BLUE	INTERSTATE BLUE	AWARD BLUE



Drexel Metals
Roofing Systems + Custom Fabrication
A CARLISLE COMPANY

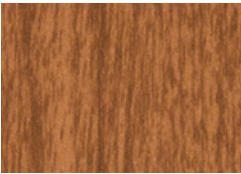
drexelmetals.com | 888-321-9630

PREMIUM AND MILL

	
SILVER P	SILVERSMITH P
	
ANODIC CLEAR P	WEATHERED ZINC P
	
CHAMPAGNE P	COPPER PENNY P
	
DREXLUME™ M	

P = PREMIUM
M = MILL FINISH
⌘ = EXTENDED LEAD TIME

WOOD GRAIN

	
BROWN TIMBER	COPPER TIMBER
	
TAN TIMBER	GRAY TIMBER
	
WHITE TIMBER	

METAL ROOFING, WALL, AND PERIMETER EDGE FINISHES

✓ = CRRC Rated Finishes

Product Options	SR	SRI	24 ga x 20"	24 ga x 48"	22 ga x 48"	0.032 x 20"	0.032 x 48"	0.040 x 48"	0.050 x 48"	0.063 x 48"	Cool Roof Rated
Standard Colors											
Black	0.05	0	•	•	•	•	•	•	•	•	
Bone White	0.70	85	•	•	•	•	•	•	•	•	✓
Burnished Slate	0.32	33	•	•							
Charcoal	0.30	31	•	•		•	•	•	•		✓
Cityscape	0.50	57	•	•	•	•	•	•	•		✓
Colonial Red	0.34	36	•	•		•	•	•	•		✓
Dark Bronze	0.27	26	•	•	•	•	•	•	•	•	✓
Forest Green	0.10	5	•	•		•	•	•			
Graphite	0.25	24	•	•							
Hemlock Green	0.31	32	•	•			•				✓
Interstate Blue	0.16	12	•	•		•	•		•		
Iron Ore	0.27	27	•	•		•	•	•	•		✓
Mansard Brown	0.31	32	•	•		•	•	•	•		✓
Medium Bronze	0.30	31	•	•	•	•	•	•	•	•	✓
Midnight Bronze	0.06	1	•	•				•			
Musket Gray	0.32	33	•	•	•	•	•		•		✓
Pacific Blue	0.28	28	•	•		•	•				✓
Sandstone	0.48	55		•	•		•	•	•	•	✓
Sierra Tan	0.38	40	•	•	•	•	•	•	•		✓
Slate Gray	0.41	45	•	•	•	•	•	•	•		✓
Stone White	0.69	84		•	•		•	•	•	•	✓
Terra Cotta	0.35	37	•	•		•	•		•		✓
Extended Lead Time Standard Colors											
Aged Bronze	0.29	29	•	•							✓
Almond	0.63	75		•	•		•	•	•		✓
Antique Bronze	0.28	27	•	•		•	•	•			✓
Buckskin	0.37	39	•	•							✓
Burgundy	0.24	22	•	•							
Hartford Green	0.08	3	•	•				•			
Military Blue	0.31	32	•	•		•	•				✓
Onyx	0.26	24	•	•	•						
Patina Green	0.33	34		•							✓
Low Gloss Colors											
Classic Bronze	0.27	27	•	•							✓
Granite	0.32	33		•	•	•	•	•	•		✓
Inkwell	0.27	26	•	•							
Traditional Black	0.28	28	•	•		•	•				
Extended Lead Time Low Gloss Colors											
Berkshire Blue	0.29	29		•							
Weathered Steel	0.26	25		•							
Metallics											
Anodic Clear	0.53	60						•			
Champagne	0.40	40		•		•	•	•	•		✓
Copper Penny	0.50	57	•	•		•	•	•			✓
Silver	0.47	52	•	•	•	•	•	•	•		✓
Silversmith	0.54	61						•			
Weathered Zinc	0.24	21	•	•		•	•		•		✓
Exotics - 10-year Color Fade Warranty											
Award Blue (10-YR)*	0.25	24		•			•				
Cardinal Red (10-YR)*	0.44	49	•	•		•	•				✓
Wood Grain											
Brown Timber				•			•				
Copper Timber				•			•				
Tan Timber				•			•				
Gray Timber				•			•				
White Timber				•			•				
Bare Products											
Drexlume™			•	•	•						
Mill Finished Aluminum							•	•	•	•	
Clear Anodized							•	•	•	•	
Dark Bronze Anodized							•	•	•	•	
Black Anodized								•	•	•	
HDG G90	• 16ga x 48" x 120" • 18 ga x 48" x 120" • 20 ga x 48" x 120" • 22 ga x 48" x 120"										

- High-performance painted metal roofing and perimeter edge products.
- Drexel Metals standard sheets come in 48" x 120".
- 35-year paint warranty on Galvalume® and Aluminum substrates, excluding Exotics. Ask about our Gold Standard Warranty.
- 25-year warranty on Drexlume™.
- Custom colors available.

- Oil canning is not a cause for rejection.
- Solar reflectance (SR) and solar reflectance index (SRI) values are provided by Sherwin-Williams®.
- Not all colors and gauges are stocked in all locations. Contact your local sales rep for specific stocking information and special requests including 22" coils, and custom gauges and widths.

SHERWIN-WILLIAMS®
Coil Coatings