Sheffield Metals International
A MAZZELLA COMPANY

FPA CATALOG

YOUR ONE SOURCE FOR STANDING SEAM

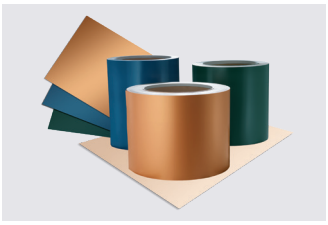
METAL ROOF & WALL SOLUTIONS

- Engineered Metal Roof & Wall Systems
- Specialty Coil & Sheet Products
- Rollforming Equipment
- Architectural Support
- Weathertight Warranties
- Accessories & Components

800-283-5262

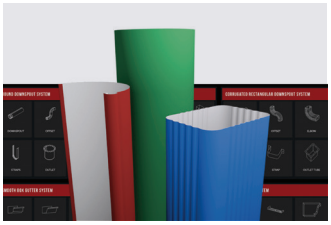
sheffieldmetals.com

PRODUCTS & SERVICES



ARCHITECTURAL SHEET METAL

Sheffield Metals is a leader in the distribution of coated coil and sheet products for the metal roofing, walls, and architectural sheet metal industry. Our architectural metal products are produced from full prime Galvalume®, Acrylic Coated Galvalume®, and Aluminum substrates. Our products are coated with Valspar's Fluropon, a high performance Kynar 500® or Hylar 5000® based resin coating. Sheffield Metals stocks more than 50 colors and has the ability to custom paint virtually any color to suit a particular project.



COMMERCIAL ROOF GUTTER & DOWNSPOUT PRODUCTS

We offer a complete line of commercial roof drainage systems from Roof Drainage Accessories & Components, Inc. With more than 2,500 components and accessories, our systems are custom made per customer specifications in over 200 colors and 16 different material substrates.

ROLLFORMERS & SHEET METAL FABRICATION EQUIPMENT

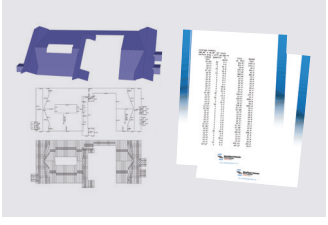
Sheffield Metals is also a trusted distributor of several sheet metal manufacturing machines, including portable rollforming machines by New Tech Machinery (NTM), as well as hydraulic shears and folders. NTM's portable roof panel, wall panel, and gutter machines are recognized as the world's finest portable rollformers. Sheffield Metals' coils are compatible with New Tech Machinery equipment and produce outstanding finished panels.

ARCHITECTURAL DEPARTMENT

Our Architectural Department is here to assist you as you move your clients through the design process. This may include choosing the appropriate standing seam profile and accompanying deck assembly, to reviewing your project drawings at any stage to confirm that our panel's capabilities are compliant with the project performance requirements, to guiding you through material choices: Galvalume or aluminum, copper, stainless steel, and zinc.

TECHNICAL DEPARTMENT

We understand your technical needs, which is why we have a full-time Technical Department to assist you with your standing seam metal roofing projects. This team is comprised of individuals who have worked in their respective fields installing, designing, and inspecting metal roof and wall systems.



TAKE-OFF SERVICES

Sheffield Metals offers a high-quality and professional take-off service to make sure you are submitting the most accurate numbers possible. Typical turnaround is 24 to 48 hours. Simply provide us with panel width, digital blueprints /roof plans, and roof pitch! Contact us for requirements if no digital drawings are available.

ACCESSORIES & COMPONENTS

CLIPS

We stock a full line of roofing clips for engineered and non-engineered applications. Offerings for New Tech Machinery profiles, as well as a number of other panel machines, are available. Clips come in a variety of gauges in either galvanized or stainless steel.

UNDERLAYMENTS

We stock the full line of Sharkskin synthetic roof underlayments. Sharkskin offers a variety of premium products that were made by a roofer for roofers. Sharkskin Ultra and Ultra SA are approved underlayments for Sheffield Metals' Weathertight Warranty program.

FASTENERS & SCREWS

We stock a full line of metal roof and wall system fasteners, including low-profile clip screws, pancake head screws, and self driller pancake head screws in a variety of sizes and applicable substrates. We also carry Panel-Tite® gasket head fasteners from Triangle Fastener Corporation in 30+ finishes for your exposed fastener roofing projects.

TOUCH-UP PAINT

We stock PVDF air-dry color matched paint pens and spray paint cans in over 30 colors to help installers touch up minor scratches and exposed cut edges.

POP RIVETS

We stock #43 stainless steel rivets in mill finish as well as 30+ colors painted to match our metal roofing finishes.

BUTYL TAPES

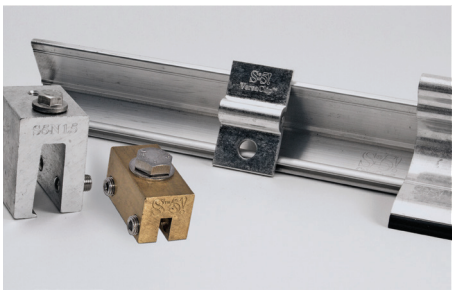
We stock several widths and lengths of butyl tape. With pressure, it fills voids between Galvalume® and painted metal.

SEALANTS

We proudly stock NovaFlex Metal Roof Sealant in over 25 colors. NovaFlex is a premium silicone-based sealant designed specifically for metal roofing. NovaFlex is approved for Weathertight Warranties.

DEKTITES

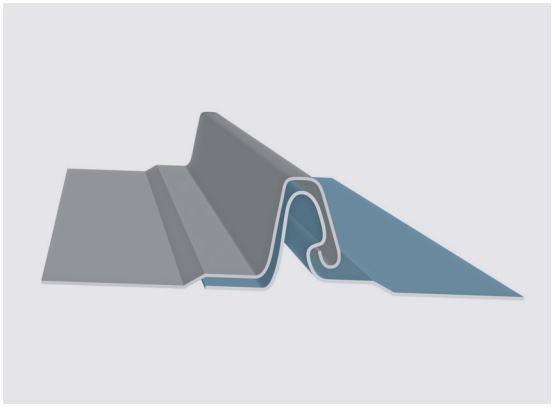
Dektite® flashers come in nine different sizes for round pipes ranging from 1/4" to 19" in diameter and are stocked in grey EPDM. Special order in 10+ colors to match your roof. Red Brick silicone is available for high temperature applications.

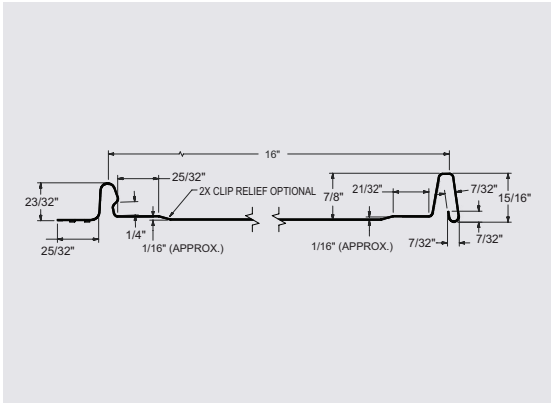


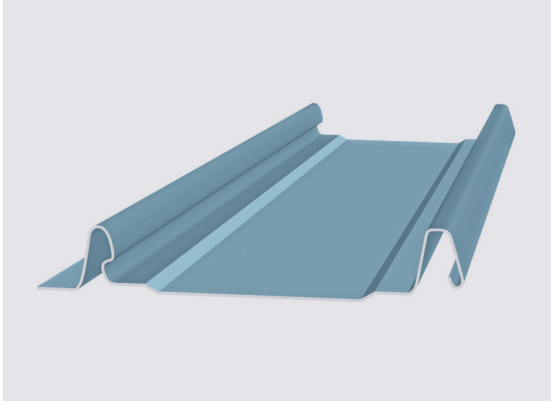
S-5! ATTACHMENTS

We've partnered with S-5!, the industry leader and innovator, to distribute their attachment systems for snow retention, utility solutions, and solar mounting. S-5! can provide a non-penetrating engineered solution for standing seam metal roofing system accessories.

SMI 1.0" FF SNAPLOCK PANEL PROFILE







PANEL INFORMATION

Panel Seam	SnapLock
Panel Width	16"
Seam Height	1.0"
Panel Material	22 ga—24 ga min.
Minimum Slope	3/12
Substrate	Plywood

PANEL TESTING

Uplift Resistance	UL 580, UL 1897, UL 90
Wind Driven Rain	TAS 100
Hail Rating	Class 4 Impact UL 2218
Fire Rating	UL Class A
FBC HVHZ & Non-HVHZ Approval	FL18316

CLIP SPACING & DESIGN PRESSURE

Field Clip Spacing	5" O.C. in between slots
Field Design Pressure	-97.25
Corner Clip Spacing	2.5" O.C. into & in between slots
Corner Design Pressure	-153.5
Corner Sealant Required	Yes

PANEL NOTES

With this 24 GA, 16" wide panel, you may opt to use heavier gauge coil and narrower width panels. Fastener spacing will not change.

This panel uses a 20" coil. Maximum width coil of 24".

This panel uses 4-1/16" of material to form the panel.

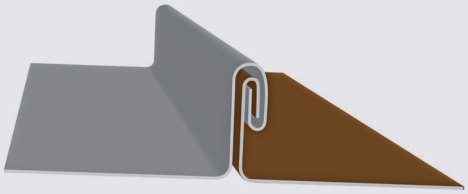
Divide the coil width by the panel width to determine your roof multiplier. Take the square footage of the roof and multiply that by the roof multiplier to determine the amount of coil needed to manufacture the panels. This does not include estimated waste.

This panel is NOT approved for Weathertight Warranties.

SMI 1.0" MECHANICAL SEAM PANEL PROFILE

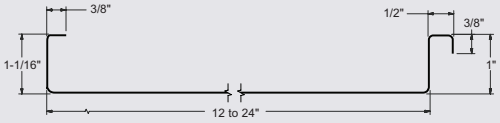
PANEL INFORMATION

Panel Seam	Mechanical
Panel Width	17"
Seam Height	1.0"
Panel Material	22 ga—24 ga min
Minimum Slope	3/12
Substrate	Plywood



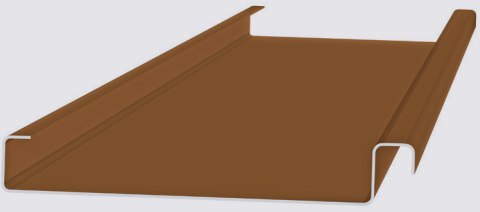
PANEL TESTING

Uplift Resistance	UL 580, UL 1897, UL 90
Hail Rating	Class 4 Impact UL 2218
Fire Rating	UL Class A
FBC Non-HVHZ Approval	FL18316



CLIP SPACING & DESIGN PRESSURE

Seam	90/Single
Field Clip Spacing	18" O.C.
Field Design Pressure	-76
Clip	XCMF10024CNUSM



PANEL NOTES

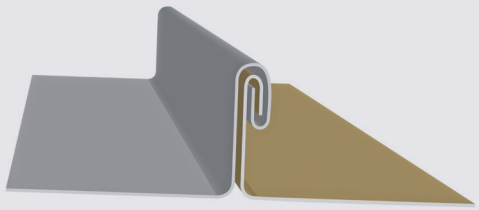
This panel uses a 20" coil. Maximum width coil of 20".

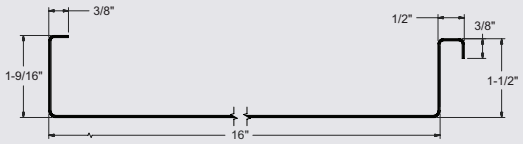
This panel uses 3" of material to form the panel.

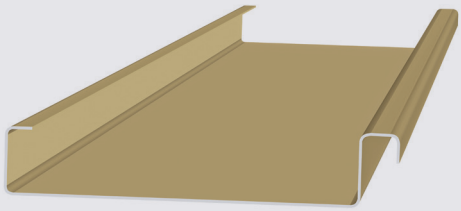
Divide the coil width by the panel width to determine your roof multiplier. Take the square footage of the roof and multiply that by the roof multiplier to determine the amount of coil needed to manufacture the panels. This does not include estimated waste.

Suitable for zinc and copper.

E SMI 1.5" MECHANICAL SEAM PANEL PROFILE







PANEL INFORMATION

Panel Seam	Mechanical
Panel Width	16"
Seam Height	1.5"
Panel Material	22 ga—24 ga min, .032–.040
Panel Surface	Smooth / Embossed Optional
Minimum Slope	2/12
Substrate	Plywood, B-Deck, B-Deck w/ISO

PANEL TESTING

Uplift Resistance	UL 580, UL 1897, UL 90
Air Infiltration	ASTM E 1680
Wind Driven Rain	TAS 100
Water Penetration	ASTM E 1646
Water Submersion	ASTM E 2140
Hail Rating	Class 4 Impact UL 2218
Fire Rating	UL Class A
FBC HVHZ & Non-HVHZ Approval	FL18316

PANEL NOTES

With this panel engineering, you may opt to use heavier gauge coil and narrower width panels. Clip spacing will not change.

For slopes lower than a 2/12 roof pitch, contact SMI Technical Department for further installation direction and requirements.

This panel uses a 20" coil. Maximum width coil of 20".

This panel uses 4" of material to form the panel.

Divide the coil width by the panel width to determine your roof multiplier. Take the square footage of the roof and multiply that by the roof multiplier to determine the amount of coil needed to manufacture the panels. This does not include estimated waste.

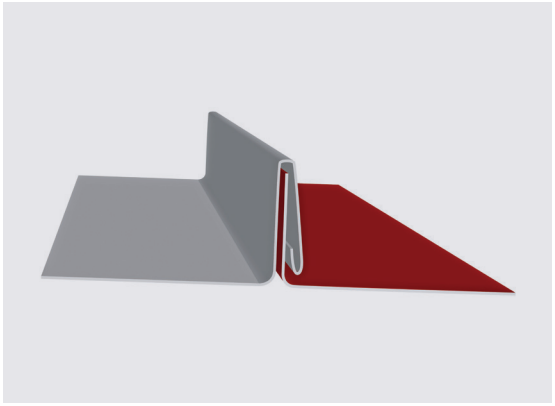
Clip Relief, Bead Ribs, Striations, and Pencil Ribs do not affect the engineering or function.

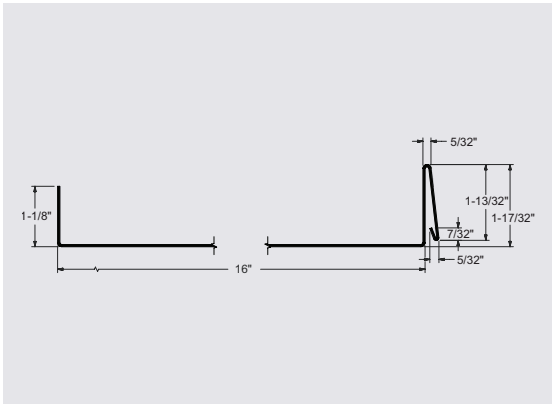
This panel is approved for Weathertight Warranties.

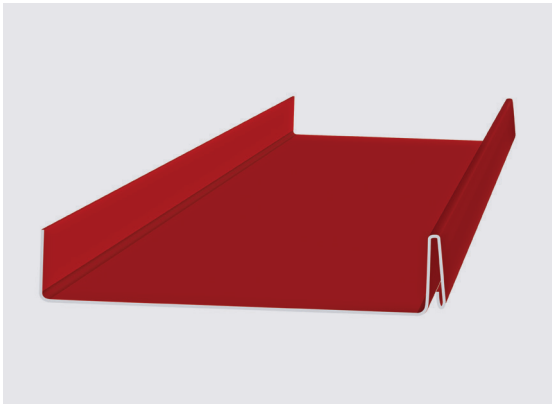
E SMI 1.5" MS CLIP SPACING & DESIGN PRESSURES

MATERIAL	SUBSTRATE	SEAM	FIELD CLIP SPACING	FIELD DESIGN PRESSURE	CORNER CLIP SPACING	CORNER DESIGN PRESSURE	CORNER SEALANT REQUIRED	CLIP	FBC FL18316	
									NON-HVHZ	HVHZ
24GA	Plywood	90/Single	18" O.C.	-71	———	———	No	XCMF15024CNUSM	✓	
24GA	Plywood	90/Single	16" O.C.	-74.75	8"	-108.5	Yes	XCMF15026CNUSM	✓	✓
24GA	Plywood	180/Double	24" O.C.	-106.75	16" O.C.	-123.5	No	**Base:** XCMS15B22CSESF **Tab:** XCMS15T24CSESF	✓	✓
24GA	Metal	180/Double	18" O.C.	-91.75	6" O.C.	-198.5	No	**Base:** XCMS15B22CSESF **Tab:** XCMS15T24CSESF	✓	✓
24GA	Metal/ISO	180/Double	18" O.C.	-153.5	6" O.C.	-198.5	No	**Base:** XCMS15B22CSESF **Tab:** XCMS15T24CSESF	✓	✓
0.032	Plywood	90/Single	16" O.C.	-67.25	8"	-123.5	Yes	XCMF15026CNUSM **SS:** XCMF15026SNUSM	✓	✓
0.032	Plywood	180/Double	16" O.C.	-101	8"	-116	No	XCMS15024CAESM **SS:** XCMS15024SAESM	✓	✓
0.032	Metal	180/Double	18" O.C.	-90	———	———	No	XCMS15024CAESM-1 **SS:** XCMS15024SAESM-1	✓	
0.032	Metal/ISO	180/Double	18" O.C.	-97.5	———	———	No	XCMS15024CAESM-1 XCMS15024SAESM-1	✓	

SMI 1.5" SNAPLOCK 450 PANEL PROFILE







PANEL INFORMATION

Panel Seam	SnapLock
Panel Width	16"
Seam Height	1.5"
Panel Material	22 ga—24 ga min.
Minimum Slope	3/12
Substrate	Plywood

PANEL TESTING

Uplift Resistance	UL 580, UL 1897, UL 90
Hail Rating	Class 4 Impact UL 2218
Fire Rating	UL Class A
FBC Non-HVHZ Approval	FL18316

CLIP SPACING & DESIGN PRESSURE

Field Clip Spacing	18" O.C.
Field Design Pressure	-71
Clip	XCSL15024CNUSM-1

PANEL NOTES

With this 24 GA, 16" wide panel engineering, you may opt to use heavier gauge coil and narrower width panels. Clip spacing will not change.

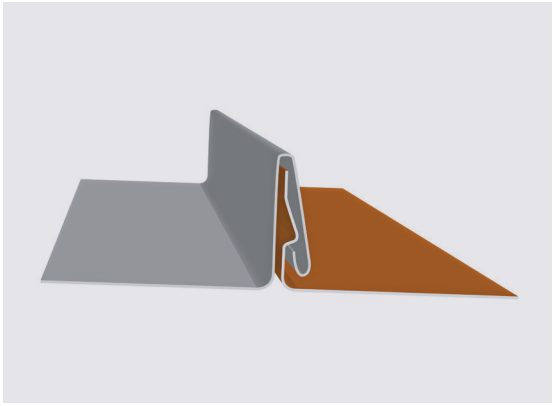
This panel uses a 20" coil.

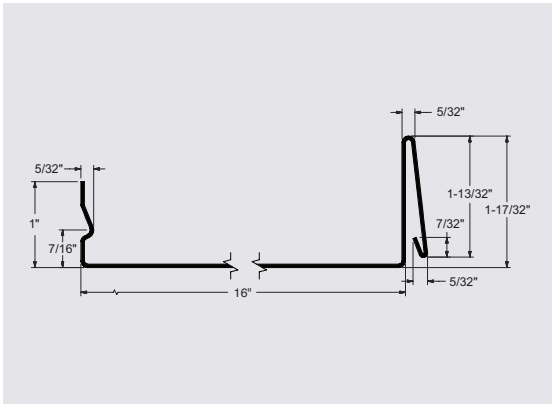
This panel uses 4-1/8" of material to form the panel.

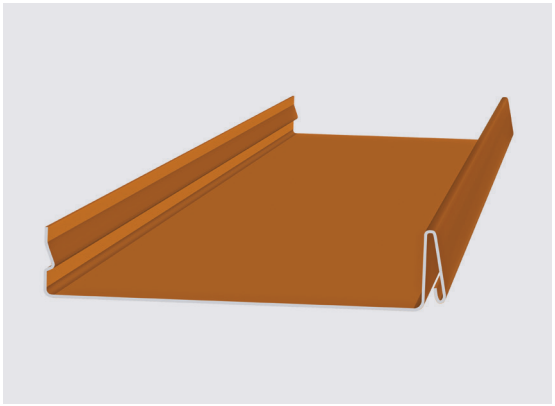
Divide the coil width by the panel width to determine your roof multiplier. Take the square footage of the roof and multiply that by the roof multiplier to determine the amount of coil needed to manufacture the panels. This does not include estimated waste.

This panel is approved for Weathertight Warranties.

SMI 1.5" SNAPLOCK 450 PLUS PANEL PROFILE







PANEL INFORMATION

Panel Seam	SnapLock
Panel Width	16"
Seam Height	1.5"
Panel Material	22 ga—24 ga min.
Minimum Slope	3/12
Substrate	Plywood

PANEL TESTING

Uplift Resistance	UL 580, UL 1897, UL 90
Hail Rating	Class 4 Impact UL 2218
Fire Rating	UL Class A
FBC Non-HVHZ Approval	FL18316

CLIP SPACING & DESIGN PRESSURE

Field Clip Spacing	18" O.C.
Field Design Pressure	-71
Clip	XCSL15024CNUSM

PANEL NOTES

With this 24 GA, 16" wide panel engineering, you may opt to use heavier gauge coil and narrower width panels. Clip spacing will not change.

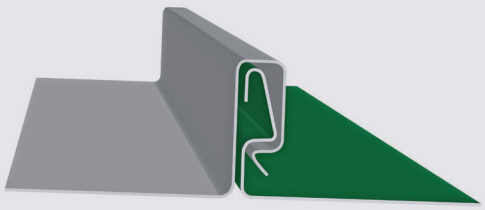
This panel uses a 20" coil.

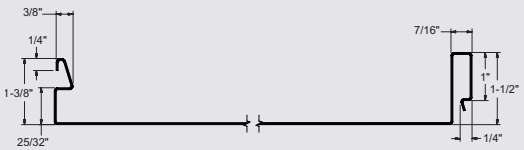
This panel uses 4-3/8" of material to form the panel.

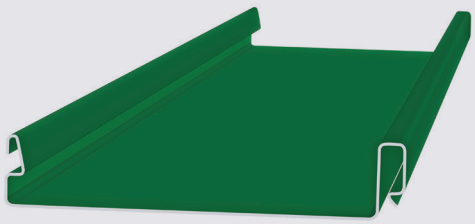
Divide the coil width by the panel width to determine your roof multiplier. Take the square footage of the roof and multiply that by the roof multiplier to determine the amount of coil needed to manufacture the panels. This does not include estimated waste.

This panel is approved for Weathertight Warranties.

E SMI 1.5" SNAPLOCK 550 PANEL PROFILE







PANEL INFORMATION

Panel Seam	SnapLock
Seam Height	1.5"
Panel Material	22 ga—24 ga min, .032–.040
Minimum Slope	2/12
Substrate	Plywood (Steel), Plywood, B-Deck, B-Deck w/ISO (Aluminum)

MATERIAL	SUBSTRATE	PANEL WIDTH	COIL WIDTH	FIELD CLIP SPACING	FIELD DESIGN PRESSURE	CLIP
24GA	Plywood	19"	24"	24" O.C.	-129.25	XCSL15020CSESF
0.032	Plywood	15"	20"	16" O.C.	-67.5	XCSL15020CAESM
						SS: XCSL15020SAESM
0.032	Metal	15"	20"	18" O.C.	-67.5	XCSL15020CAESM
						SS: XCSL15020SAESM
0.032	Metal/ ISO	15"	20"	18" O.C.	-67.5	XCSL15020CAESM
						SS: XCSL15020SAESM

PANEL TESTING

Uplift Resistance	UL 580, UL 1897, UL 90
Air Infiltration	ASTM E 1680
Water Penetration	ASTM E 1646
Hail Rating	Class 4 Impact UL 2218
Fire Rating	UL Class A
FBC Non-HVHZ Approval	FL18316

PANEL NOTES

With this panel engineering, you may opt to use heavier gauge coil and narrower width panels. Clip spacing will not change.

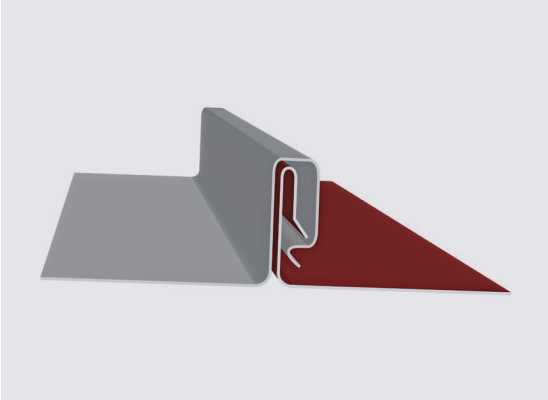
This panel uses a 24" coil (Steel) / 20" coil (Aluminum). Maximum width coil of 24".

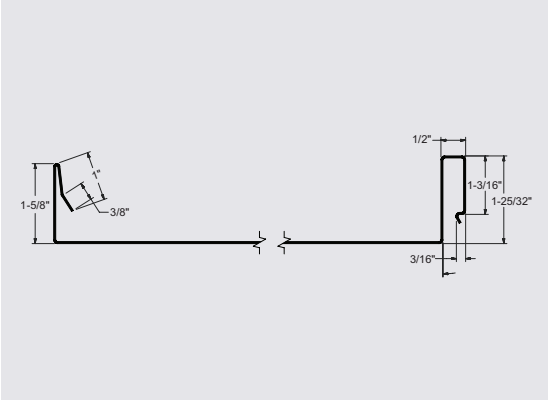
This panel uses 5-1/8" of material to form the panel.

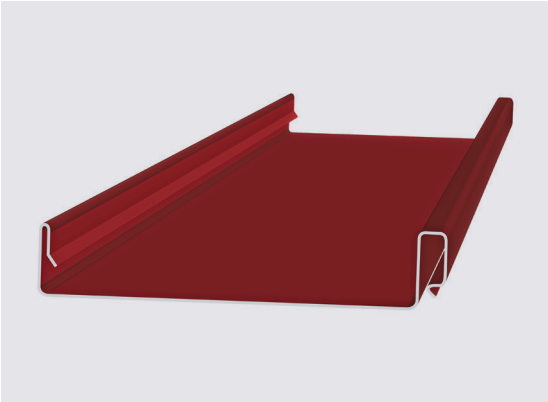
Divide the coil width by the panel width to determine your roof multiplier. Take the square footage of the roof and multiply that by the roof multiplier to determine the amount of coil needed to manufacture the panels. This does not include estimated waste.

This panel is approved for Weathertight Warranties.

E SMI 1.75" SNAPLOCK PANEL PROFILE







PANEL INFORMATION

Panel Seam	SnapLock
Seam Height	1.75"
Panel Material	22 ga—24 ga min, .040
Minimum Slope	2/12
Substrate	Plywood, B-Deck, B-Deck w/ISO

PANEL TESTING

Uplift Resistance	UL 580, UL 1897, UL 90
Air Infiltration	ASTM E 1680
Wind Driven Rain	TAS 100
Water Penetration	ASTM E 1646
Hail Rating	Class 4 Impact UL 2218
Fire Rating	UL Class A
FBC HVHZ & Non-HVHZ Approval	FL18316

PANEL NOTES

With this panel engineering, you may opt to use heavier gauge coil and narrower width panels. Clip spacing will not change.

This panel uses a 24" coil (Steel) / 22" coil (Aluminum).

This panel uses 6-1/8" of material to form the panel.

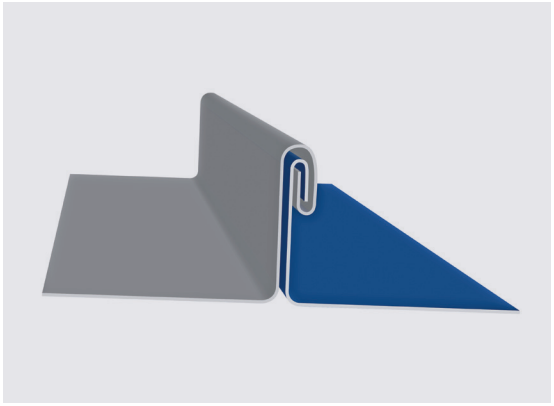
Divide the coil width by the panel width to determine your roof multiplier. Take the square footage of the roof and multiply that by the roof multiplier to determine the amount of coil needed to manufacture the panels. This does not include estimated waste.

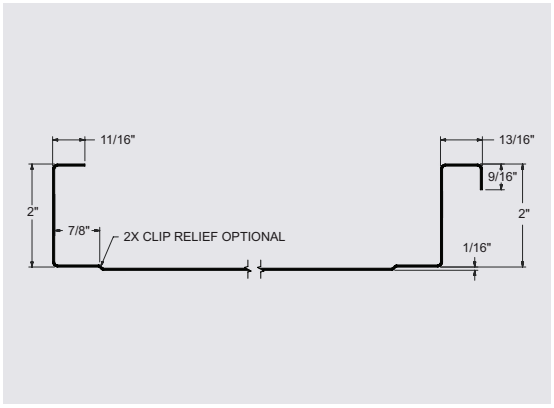
Clip Relief, Bead Ribs, Striations, and Pencil Ribs do not affect the engineering or function.

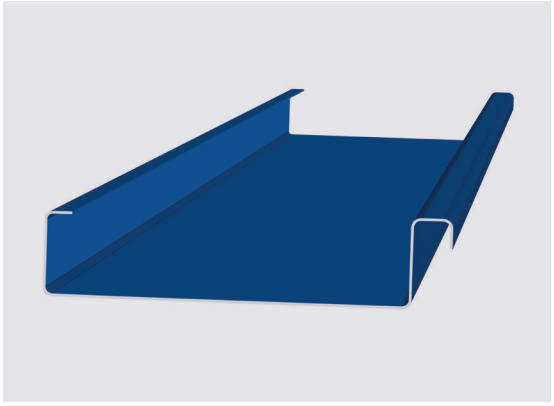
This panel is approved for Weathertight Warranties.

MATERIAL	SUBSTRATE	PANEL WIDTH	COIL WIDTH	FIELD CLIP SPACING	FIELD DESIGN PRESSURE	CORNER CLIP SPACING	CORNER DESIGN PRESSURE	CLIP
24GA	Plywood	18"	24"	24" O.C.	-114.25	6" O.C.	-131	XCSL17518CSESF
								SS: XCSL17518SSESF
24GA	Metal	18"	24"	24" O.C.	-78.5	6" O.C.	-101	XCSL17518SNUSM-1
								SS: XCSL17518CAESM
24GA	Metal/ISO	18"	24"	24" O.C.	-93.5	6" O.C.	-191	XCSL17518SNUSM-1
								SS: XCSL17518CAESM
0.040	Plywood	16"	22"	16" O.C.	-96	6" O.C.	-123.5	XCSL17518SNUSM-1
								SS: XCSL17518CAESM

E SMI 2.0" MECHANICAL SEAM PANEL PROFILE







PANEL INFORMATION

Panel Seam	Mechanical
Panel Width	18" (Steel) / 16" (Aluminum)
Seam Height	2.0"
Panel Material	22 ga—24 ga min, .040
Minimum Slope	2/12
Substrate	Open Framing*, Plywood, B-Deck, B-Deck w/ISO

PANEL TESTING

Uplift Resistance	ASTM E1592*, UL 580, UL 1897, UL 90
Air Infiltration	ASTM E 1680
Wind Driven Rain	TAS 100
Water Penetration	ASTM E 1646
Water Submersion	ASTM E 2140
Foot Traffic	FM 4471*
Hail Rating	Class 4 Impact UL 2218
Fire Rating	UL Class A
FBC HVHZ & Non-HVHZ Approval	FL18316

PANEL NOTES

With this panel engineering, you may opt to use heavier gauge coil and narrower width panels. Clip spacing will not change.

For slopes lower than a 2/12 roof pitch, contact SMI Technical Department for further installation requirements.

This panel uses a 24" coil (Steel) / 22" coil (Aluminum). This panel uses 5-13/16" of material to form the panel.

Divide the coil width by the panel width to determine your roof multiplier. Take the square footage of the roof and multiply that by the roof multiplier to determine the amount of coil needed to manufacture the panels. This does not include estimated waste.

Clip Relief, Bead Ribs, Striations, and Pencil Ribs do not affect the engineering or function.

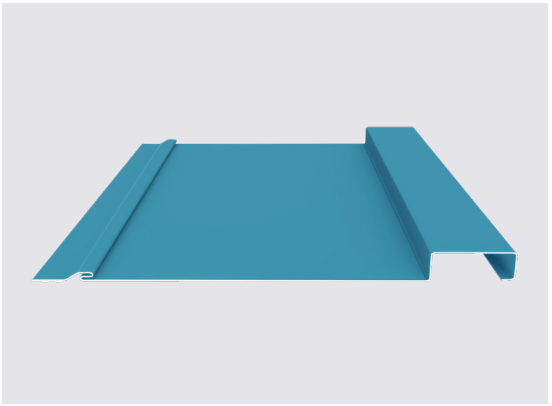
This panel is approved for Weathertight Warranties.

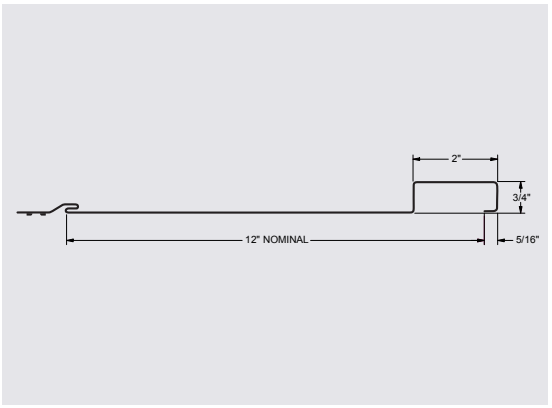
* Available in steel only.

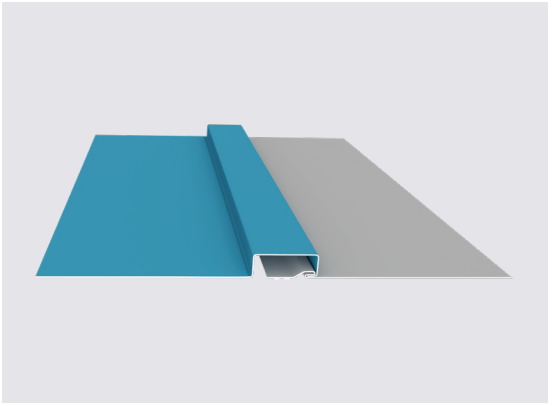
E SMI 2.0" CLIP SPACING & DESIGN PRESSURES

MATERIAL	SUBSTRATE	SEAM	PANEL WIDTH	COIL WIDTH	FIELD CLIP SPACING	FIELD DESIGN PRESSURE	CORNER CLIP SPACING	CORNER DESIGN PRESSURE	CLIP	FBC FL18316	
										NON-HVHZ	HVHZ
24 GA	Plywood	90/ Single	18"	24"	18" O.C.	-71	———	———	XCMF20024CNUSM	✓	
24 GA	Plywood	180/ Double	18"	24"	24" O.C.	-84.25	6" O.C.	-101	**Base:** XCMS20B18CESF **Tab:** XCMS20T22CSESF	✓	✓
24 GA	Metal	180/ Double	18"	24"	24" O.C.	-101	6" O.C.	-108.5	**Base:** XCMS20B18CESF **Tab:** XCMS20T22CSESF	✓	✓
24 GA	Metal/ISO	180/ Double	18"	24"	24" O.C.	-91.75	6" O.C.	-123.5	**Base:** XCMS20B18CESF **Tab:** XCMS20T22CSESF	✓	✓
0.040	Plywood	180/ Double	16"	22"	16" O.C.	-142.25	8"	-153.5	XCMS20022CAESM **SS:** XCMS20022SAESM	✓	✓
24 GA	16GA Purlins	180/ Double	18"	24"	5'	-37.5	1'	-105	XCMS20022CSESF	✓	
22 GA	16GA Purlins	180/ Double	16"	22"	5'	-44.25	1'	-127.5	XCMS20022CSESF	✓	

SMI BOARD & BATTEN WALL PANEL PROFILE







PANEL INFORMATION

Panel Type	Wall
Panel Width Minimum	12″ Nominal
Seam Height	3/4″
Mounting Orientation	Vertical
Materials Formed	22 and 24-gauge steel

MATERIAL	SUBSTRATE	COIL WIDTH	FIELD CLIP SPACING	FIELD DESIGN PRESSURE
24GA	Plywood	16″	12 7/8″	+45 / -41.6

PANEL TESTING

Structural Performance	ASTM E 330
FBC Non-HVHZ Approval	FL45939

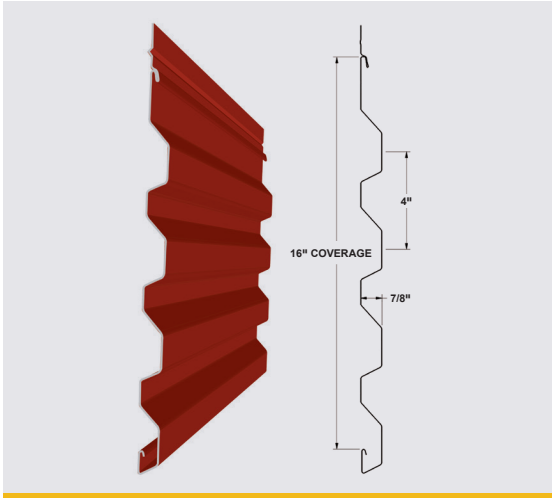
PANEL NOTES

This panel uses 3-5/8″ of material to form the panel.

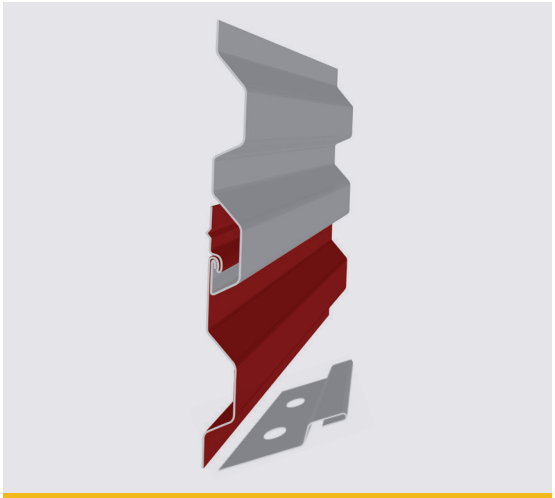
1″ x 1/4″ slots are equally spaced every 6-3/8.″

Striations or ribs may be needed for panels wider than 12″ coverage to avoid oil canning.

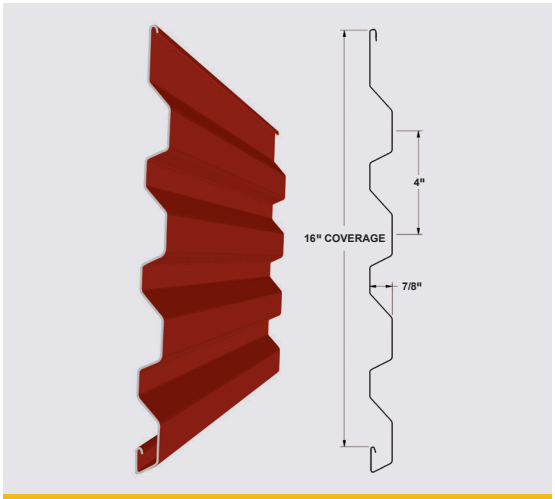
E WAV-16-4F & WAV-16-4C PROFILES



WAV-16-4F



WAV PANEL & CLIP



WAV-16-4C

PANEL INFORMATION

Panel Type	Wall
Rib Height	7/8"
Panel Material	22 ga—24 ga min.
Panel Width	16"
Panel Clip	XCNTWAVCLIPSM (16-4C only)

MODEL	MATERIAL	SUBSTRATE	COIL WIDTH	FIELD CLIP SPACING	FIELD DESIGN PRESSURE	CORNER CLIP SPACING	CORNER DESIGN PRESSURE
16-4C	24 GA	18 GA Hat Channel	22 1/8"	4'	+82.5 / -30	1'	+82.5 / -30
16-4F	24 GA	18 GA Hat Channel	24"	4'	+60 / -45	1'	+110 / 67.5

PANEL TESTING

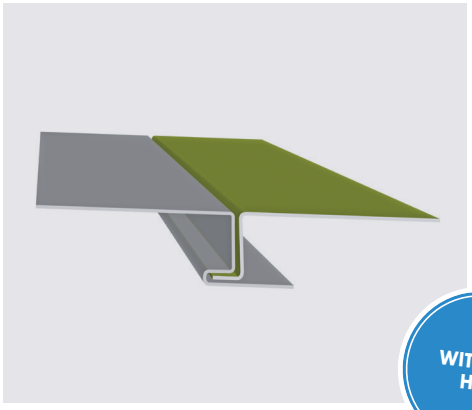
Structural Performance	ASTM E 330
Air Infiltration	ASTM E 283
Water Penetration	ASTM E 331
FBC Non-HVHZ Approval	FL45939

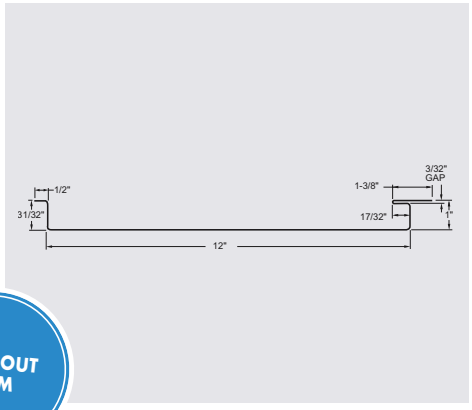
PANEL NOTES

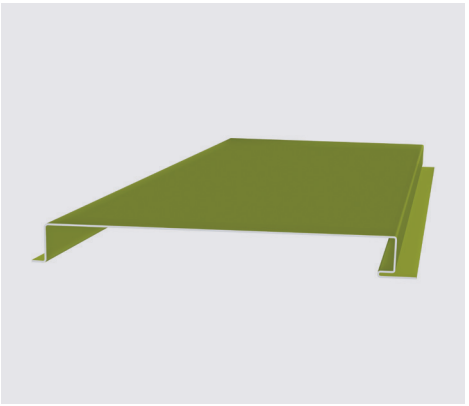
The **WAV-16-4F** uses 24 or 22 Ga. with a 24" wide stretch out for a finished panel width of 16". The concept here is similar to that of a fastener flange. When using this option, we recommend that panel lengths stay at 25' or less. The SMI WAV with Flange (F) was tested in accordance with ASTM E 330 and ASTM E 283 / E 331 standards.

The **WAV-16-4C** uses 24 or 22 Ga. with a 22-1/4" wide stretch out for a finished panel width of 16". This panel uses a clip or a cleat (C) that allows for expansion and contraction of the wall system. The SMI WAV was tested in accordance with ASTM E 330 and ASTM E 283 / E 331 standards.

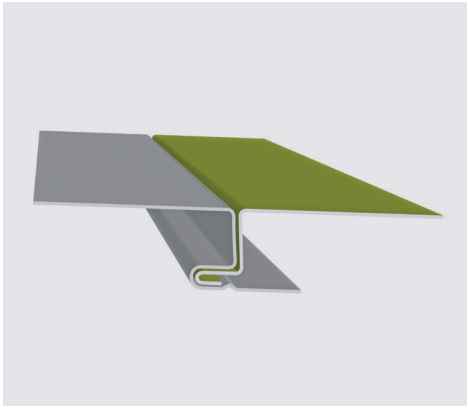
E SMI 1.0" FWP FLUSH WALL & SOFFIT PANEL

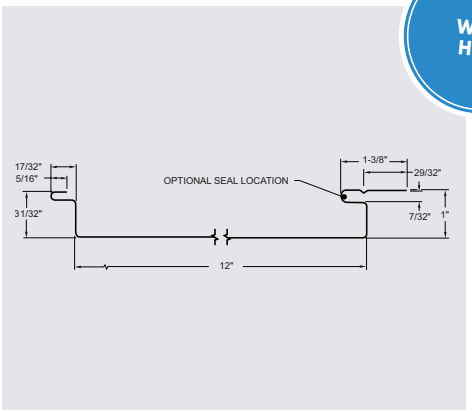






WITHOUT HEM





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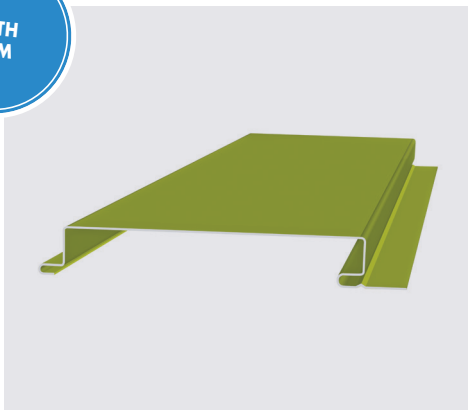


PANEL INFORMATION

Panel Type	Wall / Soffit
Panel Width	12"
Seam Height	1.0"
Panel Material	22 ga—24 ga min.

PANEL NOTES

This panel uses a 16" coil.

This panel uses 4" of material to form the panel.

If you take the square footage of the wall and multiply that by 1.25, the total will be the amount of coil needed to manufacture the panels.

Perforation opening size .50 [12.7] X .12 [3.0] = .06 Sq. In. [38.7 sq. mm.]

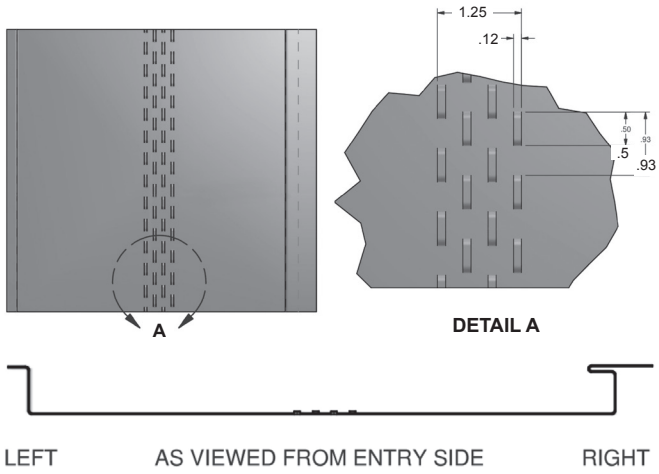
Openings per 12 inch length [304.8mm] = 51.25

Net Free Area / 12 inch = .06 Sq. In. X 51.25 = 3.08 Sq. In. [Net Free Area 1304.8mm = 38.7 sq. mm X 51.25 = 1983 sq. mm]

E SMI 1.0" FWP FLUSH WALL & SOFFIT PANEL

MATERIAL	SUBSTRATE	PANEL WIDTH	COIL WIDTH	FIELD CLIP SPACING	FIELD DESIGN PRESSURE	CORNER CLIP SPACING	CORNER DESIGN PRESSURE
24GA	16 GA Hat Channel	12"	16"	4'	-42.5	1'	-65

NET FREE AIR SPACE



PANEL TESTING

Uplift Resistance	ASTM E 1592, UL 90
Air Infiltration	ASTM E 283
Water Penetration	ASTM E 331
FBC Non-HVHZ Approval	FL45939

24 GA. PVDF COLOR SELECTION

SMART COLORS — DESIGNED ENERGY EFFICIENT


ASH GRAY


BURGUNDY ★


BURNISHED SLATE


CHARCOAL GRAY


COLONIAL RED


DARK BRONZE


DOVE GRAY


EVERGREEN


HARTFORD GREEN ★


HEMLOCK GREEN ★


MANSARD BROWN


MATTE BLACK


MEDIUM BRONZE


PATINA GREEN


REGAL BLUE ★


REGAL RED ★

REGAL WHITE

SANDSTONE


SIERRA TAN


SLATE BLUE


SLATE GRAY

SOLAR WHITE

STONE WHITE


SURREY BEIGE


TERRA COTTA

CORELINE TEXTURED LOW-GLOSS (TLG) PVDF


BLACK ★

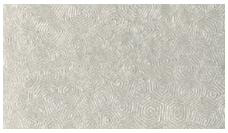

CHARCOAL GRAY ★


DARK BRONZE ★


MEDIUM BRONZE ★


MOONSTONE ★

NON-PAINTED


ACRYLIC-COATED GALVALUME®

METALLIC COLORS


CHAMPAGNE ★


COPPER ★


PRE-WEATHERED GALVALUME ★


SILVER ★

WEATHERED COLORS


COR-TEN AZP RAW ★


VINTAGE® ★

★ Available at a slight price premium ★ Metallic premium ★ Weathered premium

Oil canning is an aesthetic issue and is an inherent part of light gauge cold formed metal products. By using coil that has been processed properly, designing for thermal movement, following stringent specifications for installation, and proper handling, most oil canning can be minimized. Oil canning is not grounds for coil/panel rejection.

SCAN THE QR CODE TO OPEN OUR COLOR VISUALIZER
Create detailed digital mock-ups of roofing, wall, and trim projects!

24 GA. PVDF STOCK AVAILABILITY MATRIX

STOCK AVAILABILITY MATRIX		LEED V4.1	ISR	EMI	3 YR. SRI	SRI	GALVALUME 22 GA. 48.375"	GALVALUME 24 GA. 40.375"	GALVALUME 24 GA. 44.375"	GALVALUME 24 GA. 48.375"	ALUMINUM .032 NOM. 40.500"	ALUMINUM .032 NOM. 48.000"	ALUMINUM .040 NOM. 48.000"	ALUMINUM .050 NOM. 48.000"	ALUMINUM .063 NOM. 48.000"
Acrylic Coated Galvalume®		L	0.67	0.14	N/A	56	●	●		●					
Ash Gray	✚		0.32	0.83	31	31		●		●	●	●	●		
Burgundy			0.31	0.86	29	32		●		●					
Burnished Slate			0.25	0.83	22	22		●		●					
Champagne Metallic			0.32	0.83	31	31		●		●					
Charcoal Gray	✚		0.25	0.83	22	22	●	●	●	●	●	●	●		
Colonial Red	✚		0.25	0.83	22	22		●		●	●	●			
Copper Metallic		L	0.35	0.75	32	32		●		●	●	●			
Cor-Ten AZP® Raw			0.32	0.89	N/A	34		●		●					
Dark Bronze	✚		0.25	0.83	22	22	●	●	●	●	●	●	●	●	●
Dove Gray		L	0.35	0.83	35	35	●	●		●	●	●	●		
Evergreen	✚		0.25	0.83	22	22		●		●	●	●	●		
Hartford Green	✚		0.25	0.83	22	22		●		●		●	●	●	
Hemlock Green			0.25	0.83	22	22		●		●					
Mansard Brown	✚		0.25	0.83	22	22	●	●		●	●	●	●	●	
Matte Black	✚		0.25	0.83	22	22	●	●	●	●	●	●	●	●	●
Medium Bronze	✚		0.25	0.83	22	22	●	●	●	●	●	●	●	●	●
Patina Green			0.32	0.83	31	31		●		●					
Pre-weathered Galvalume®			0.24	0.83	19	21		●		●	●	●			
Regal Blue	✚		0.25	0.83	22	22		●		●					
Regal Red	✚	L	0.35	0.83	35	35		●		●					
Regal White	✚	L	0.65	0.83	77	77	●	●	●	●	●	●	●	●	●
Sandstone	✚	L	0.35	0.83	35	35		●		●	●	●	●		
Sierra Tan	✚		0.31	0.87	28	31		●		●	●	●	●		
Silver Metallic		L	0.54	0.77	55	60		●		●	●	●	●	●	
Slate Blue			0.25	0.83	22	22		●		●	●				
Slate Gray	✚	L	0.35	0.83	35	35	●	●	●	●	●	●	●	●	
Solar White		L	0.65	0.83	77	77		●		●	●	●	●	●	●
Stone White		L	0.55	0.83	59	63		●		●	●	●	●		
Surrey Beige		L	0.35	0.75	32	32		●		●	●	●			
Terra Cotta		L	0.35	0.83	35	35		●		●	●	●	●		
TLG Black			0.25	0.83	22	22		●		●					
TLG Charcoal Gray			0.25	0.83	22	22		●		●					
TLG Dark Bronze			0.25	0.83	22	22		●		●					
TLG Medium Bronze			0.25	0.83	22	22		●		●					
TLG Moonstone			0.32	0.83	31	31		●		●					
Vintage®			0.30	0.70	N/A	22		●		●					
Custom Colors							▲	▲	▲	▲	▲	▲	▲	▲	▲

NOTES

- All of Sheffield's CoolR® metal is painted with a .20 mil primer and .70 - .90 mil Top Coat of 70% PVDF resin-based coating. The reverse side has a .20 primer and .30 - .40 backer coating.
- For low slope roofing to meet LEED V4.1 requirements, the initial SRI must be ≥ 82 OR the 3-year SRI must be ≥ 64. For steep slope roofing to meet LEED V4.1 requirements, the initial SRI for 75% of the roof must be ≥ 39 OR the 3-year SRI must be ≥ 32.
- Low slope is defined as ≤ 2:12. Steep slope is defined as > 2:12.
- Materials should be stored in a cool, dry place. Materials with PVC film on project sites should be used immediately or stored in a climate-controlled setting. PVC film must be removed prior to installation.
- **Anything not noted in the Availability Matrix can be painted, regardless of width, substrate, or thickness; however, it would be subject to a minimum paint run and would need to meet standard custom order criteria.**

KEY

- ● = Stocked Item
- ● = Available from Atlanta location only
- ▲ = Available on Custom Order Basis
- L = LEED V4.1 Compliant
- ISR = Initial Solar Reflectance
- EM = Emissivity
- SRI = Solar Reflectance Index
- ✚ = Sil Poly/XL 26 ga - Inquiry available widths

Colors shown are matched as accurately as possible, but may vary slightly from the finished product. These rich and vibrant colors are produced with PVDF resins, which provide superior color retention and allow Sheffield Metals to offer non-prorated coating warranties for most applications. Galvalume® is a registered trademark of BIEC International Inc. Coating warranty varies for CoolR® Moonstone, Matte Black, Copper, Champagne, Silver, and Pre-Weathered Galvalume. Steelscape's Vintage carries a 20-year Finish Warranty. Please contact your representative for more information. Touch-up should only be done with a Sheffield Metals color-matched PVDF air-dry paint pen.

Sheffield Metals International
A MAZZELLA COMPANY

Cleveland: 800-283-5262
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NRCA