



METAL ROOFING AND SIDING PRODUCT GUIDE

ASC Building Products is a leading manufacturer specializing in high quality metal roofing and siding products. Our products are backed by accredited third party testing and limited lifetime warranties for residential applications.

METAL ROOFING

- 2** Design Span® *hp*
- 3** Skyline Roofing®
- 4** Skyline Roofing® *hp*

METAL ROOFING AND SIDING

- 5** Delta Rib™
- 6** Delta Rib™ III
- 7** Strata Rib®
- 8** Nor-Clad®
- 9** PBR Panel
- 10** Nu-Wave® Corrugated
- 11** 2½" Corrugated
- 12** IronOx Corrugated

ADDITIONAL INFORMATION

- 13** Trims and Flashings Guide
- 16** Fastener Selection Guide
- 17** Product Index
- 18** Color Index

Product: 2 1/2" Corrugated
Color: Natural Rust



Product: Design Span® hp
Color: Zinc Gray



Product: Design Span® hp
Color: Old Town Gray



Product: Design Span® hp
Color: ZACTique® II

Design Span *hp* is a performance-rated structural standing seam metal roof system which does not require field seaming. Recommended as a roof over metal or wood decking, and as a fascia or mansard over plywood or supports.



FEATURES AND BENEFITS:

- 12", 16", 17" & 18" net coverage metal roof panel. (Additional charges and lead times apply for 18" in 22ga)
- Minimum recommended slope 2:12.
- 24ga and 22ga in standard finishes.
- Custom manufactured panel lengths: 5'-3" to 45'-0".
- Wide batten cap available for a bold appearance.
- Panel is acceptable for use in metal wall applications.
- Subtle striations available on 16", 17" & 18" panels.
- Factory notching available for turn under at the eave.
- Factory applied sealant is a standard offer.
- Snap-together panel; no field seaming required.
- See page 17 for testing and certifications.

PREMIUM COLOR



DURA TECH™ 5000 (PVDF) - 24 and 22 Gauge

ZINCALUME® Plus SRI 64 LRV 67	Regal White SRI 88 LRV 75	Parchment SRI 58 LRV 40	Sierra Tan SRI 55 LRV 34	Pebble SRI 48 LRV 27
Walnut SRI 38 LRV 18	Weathered Copper SRI 34 LRV 11	Dark Bronze SRI 32 LRV 8	Terra-Cotta SRI 41 LRV 15	Colonial Red SRI 35 LRV 9
Old Town Gray SRI 43 LRV 27	Zinc Gray SRI 39 LRV 20	Slate Gray SRI 33 LRV 12	Midnight Bronze SRI 27 LRV 7	Matte Black SRI 29 LRV 5
Tahoe Blue SRI 33 LRV 14	Regal Blue SRI 29 LRV 10	Sage Green SRI 41 LRV 21	Leaf Green SRI 30 LRV 11	Forest Green SRI 29 LRV 9

DURA TECH™ MX (PVDF) - 24 and 22 Gauge (Subject to upcharge)

Metallic Silver SRI 65 LRV 50	Silversmith SRI 58 LRV 54	ZACTique® II SRI 39 LRV 22	Metallic Champagne SRI 54 LRV 33	Metallic Copper SRI 53 LRV 29

Representation of colors may vary due to printing limitations. Sample color chips are available upon request.



Product: Skyline Roofing®
Color: ZINCALUME® Plus

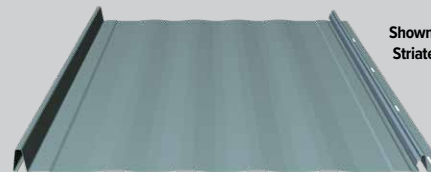
Product: Skyline Roofing®
Color: Matte Black



Product: Skyline Roofing®
Color: Copper Penny



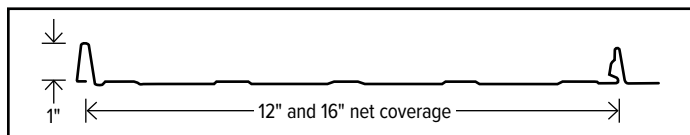
Skyline Roofing feature the look of a standing seam metal panel with a concealed fastener design. With clean lines and lasting performance, Skyline Roofing panels have long been a top choice for residential roofing.



Shown here with Striated Option.

FEATURES AND BENEFITS:

- 12" & 16" coverage metal roof panel.
- Minimum recommended slope 3:12.
- 26ga in standard finishes.
- See page 18 for additional color and gauge information.
- Limited Lifetime Warranty for residential applications.
- Custom manufactured panel lengths: 4'-0" to up to 50'-0".
- Subtle striations available.
- Snap-together panel, no field seaming required.
- See page 17 for testing and certifications.



DURA TECH™ XL (SMP) - 26 Gauge

ZINCALUME® Plus¹ SRI 64 LRV 67	Winter White¹ SRI 88 LRV 74	Light Stone¹ SRI 70 LRV 53	Taupe² SRI 53 LRV 28	Patina Steel¹ SRI 38 LRV 17
Chestnut Brown SRI 36 LRV 12	Classic Brown¹ SRI 29 LRV 7	Matte Black SRI N/A LRV 5	Rustic Red¹ SRI 43 LRV 13	Old Town Gray SRI 43 LRV 27
Old Zinc Gray SRI 43 LRV 22	Weathered Copper SRI 32 LRV 11	Slate Gray SRI 32 LRV 13	Tahoe Blue SRI 33 LRV 14	Everglade¹ SRI 35 LRV 19
Denali Green SRI 29 LRV 11	Forest Green SRI 36 LRV 8	Copper Penny¹ SRI 53 LRV 28		

PREMIUM COLOR (SMP) - 26 Gauge*

Natural Rust¹ SRI 32 LRV 10

Notes:
¹ 16" panel only
² 12" panel only
 * Subject to upcharge

Representation of colors may vary due to printing limitations.
Sample color chips are available upon request.

Product: Skyline Roofing® hp
Color: ZINCALUME® Plus

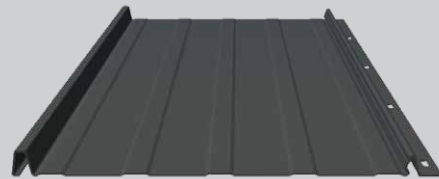


Product: Skyline Roofing® hp
Color: Weathered Copper



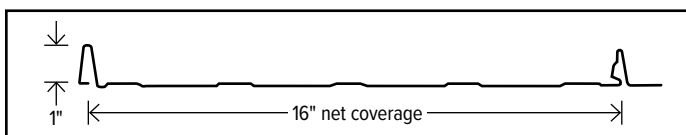
Product: Skyline Roofing® hp Striated
Color: Copper Penny

Skyline Roofing *hp* is a 24 gauge high performance panel available in durable premium colors. This concealed fastened, standing seam panel is ideal for residential and light commercial roof applications.







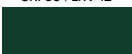


FEATURES AND BENEFITS:







- 16" coverage roof panel.
- Minimum recommended slope 3:12.
- 24ga in standard finishes.
- Limited Lifetime Warranty for residential applications.
- Custom manufactured panel lengths: 4'-0" to up to 50'-0".
- Subtle striations available.
- Notching only available in Anchorage, AK.
- Snap-together panel, no field seaming required.
- See page 17 for testing and certifications.



DURA TECH™ 5000 (PVDF) - 24 Gauge

				
Weathered Copper SRI 34 LRV 11	Dark Bronze SRI 32 LRV 8	Old Town Gray SRI 43 LRV 27	Zinc Gray SRI 39 LRV 20	Matte Black SRI 29 LRV 5
				
Slate Gray SRI 33 LRV 12				
				
Forest Green SRI 29 LRV 9				

SPECIAL ORDER - DURA TECH™ 5000 (PVDF) - 24 Gauge
(Minimum order required)

		
ZINCALUME® Plus SRI 64 LRV 67	Regal White SRI 88 LRV 75	Sierra Tan SRI 55 LRV 34
		
Terra-Cotta SRI 41 LRV 15	Regal Blue SRI 29 LRV 10	Leaf Green SRI 30 LRV 11

SPECIAL ORDER - DURA TECH™ MX (PVDF) - 24 Gauge
(Minimum order required and subject to upcharge)

		
Metallic Silver SRI 65 LRV 50	Metallic Champagne SRI 54 LRV 33	Metallic Copper SRI 53 LRV 29

Representation of colors may vary due to printing limitations.
Sample color chips are available upon request.

Product: Delta Rib™
Color: ZINCALUME® Plus

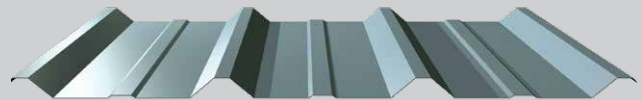


Product: Delta Rib™
Color: Forest Green



Product: Delta Rib™
Color: ZINCALUME® Plus


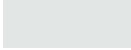








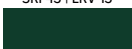
Delta Rib™ metal roofing and metal siding is a light gauge, exposed fastener panel ideal for residential, light commercial, agriculture, retail, and civic projects. This versatile panel offers a safer alternative to other traditional building materials.



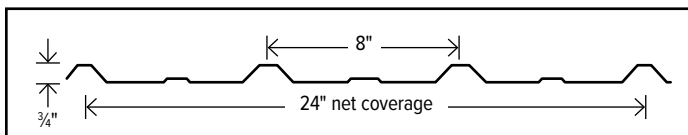
FEATURES AND BENEFITS:

- 24" coverage roof and wall panel.
- Roof Installation: Minimum 3:12 recommended.
- Wall Installation: Horizontal or Vertical.
- 29ga and 26ga in standard finishes.
- See page 18 for additional color and gauge information.
- Limited Lifetime Warranty for residential applications.
- Custom manufactured panel lengths: 4'-6" to 40'-0".
- Matching polycarbonate panels available.
- See page 17 for testing and certifications.

DURA TECH™ XL (SMP) - 29 & 26 Gauge

				
ZINCALUME® Plus SRI 64 LRV 67	Winter White SRI 88 LRV 74	Desert Beige¹ SRI 58 LRV 39	Chestnut Brown¹ SRI 36 LRV 12	Classic Brown SRI 29 LRV 7
				
Rustic Red SRI 43 LRV 13	Old Town Gray SRI 43 LRV 27	Slate Gray¹ SRI 32 LRV 13	Tahoe Blue¹ SRI 33 LRV 14	Denali Green SRI 29 LRV 11
				
Forest Green² SRI 36 LRV 8				

Notes:
¹ 29ga only
² 26ga only



Representation of colors may vary due to printing limitations.
Sample color chips are available upon request.



Product: Delta Rib™ III
Color: Forest Green

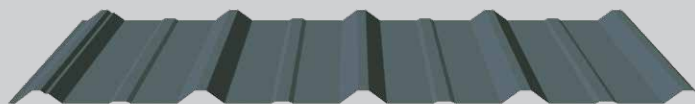


Product: Delta Rib™ III
Color: Forest Green



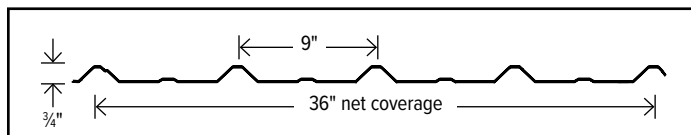
Product: Delta Rib™ III
Color: Winter White

Delta Rib™ III metal roofing and metal siding is a light gauge, exposed fastener panel is ideal for residential, light commercial, agriculture, retail, and civic projects. This versatile panel offers architects, homeowners, and building owners new choices.



FEATURES AND BENEFITS:

- 36" coverage roof and wall panel.
- Roof Installation: Minimum 3:12 recommended.
- Wall Installation: Horizontal or Vertical.
- 29ga and 26ga in standard finishes.
- See page 18 for additional color and gauge information.
- Limited Lifetime Warranty for residential applications.
- Custom manufactured panel lengths: 4'-6" to 45'-0".
- Matching polycarbonate panels available.
- See page 17 for testing and certifications.



DURA TECH™ XL (SMP) - 29 & 26 Gauge

ZINCALUME® Plus SRI 64 LRV 67	Winter White ¹ SRI 88 LRV 74	Surf White SRI 74 LRV 59	Light Stone ² SRI 70 LRV 53	Desert Beige ¹ SRI 58 LRV 39
Cascade Gray SRI 58 LRV 41	Taupe SRI 53 LRV 28	Patina Steel SRI 38 LRV 17	Chestnut Brown ¹ SRI 36 LRV 12	Classic Brown SRI 29 LRV 7
Matte Black SRI N/A LRV 5	Canyon Red SRI 45 LRV 16	Rustic Red ¹ SRI 43 LRV 13	Old Town Gray ¹ SRI 43 LRV 27	Old Zinc Gray SRI 43 LRV 22
Weathered Copper SRI 32 LRV 11	Slate Gray SRI 32 LRV 13	Tahoe Blue SRI 33 LRV 14	Everglade SRI 35 LRV 19	Denali Green ¹ SRI 29 LRV 11
Forest Green ¹ SRI 36 LRV 8	Copper Penny SRI 53 LRV 28			

Notes:
¹ Available in ColorGuard 25
² Only in ColorGuard 25

Representation of colors may vary due to printing limitations.
 Sample color chips are available upon request.

Product: Strata Rib®
Color: Winter White & Canyon Red



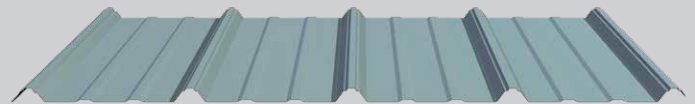
Product: Strata Rib®
Color: Forest Green



Product: Strata Rib®
Color: Light Stone & Classic Brown

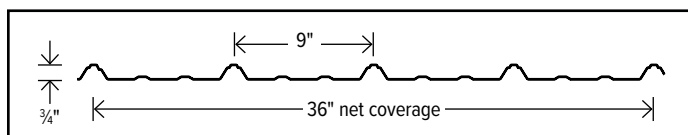


Strata Rib® metal roofing and metal siding is a light gauge, exposed fastened panel with two minor ribs in between ¾" high reinforced major ribs. These attributes provide added strength, durability, and easier installation, all of which save time and money.



FEATURES AND BENEFITS:

- 36" coverage roof and wall panel.
- Roof Installation: Minimum 3:12 recommended.
- Wall Installation: Horizontal or Vertical.
- 29ga and 26ga in standard finishes.
- See page 18 for additional color and gauge information.
- Limited Lifetime Warranty for residential applications.
- Custom manufactured panel lengths: 4'-6" to 45'-0".
- Matching polycarbonate panels available.
- See page 17 for testing and certifications.



DURA TECH™ XL (SMP) - 29 & 26 Gauge

ZINCALUME® Plus SRI 64 LRV 67	Winter White¹ SRI 88 LRV 74	Surf White SRI 74 LRV 59	Light Stone¹ SRI 70 LRV 53	Desert Beige¹ SRI 58 LRV 39
Cascade Gray SRI 58 LRV 41	Taupe SRI 53 LRV 28	Patina Steel SRI 38 LRV 17	Chestnut Brown¹ SRI 36 LRV 12	Classic Brown SRI 29 LRV 7
Matte Black SRI N/A LRV 5	Canyon Red SRI 45 LRV 16	Rustic Red¹ SRI 43 LRV 13	Old Town Gray¹ SRI 43 LRV 27	Old Zinc Gray SRI 43 LRV 22
Weathered Copper SRI 32 LRV 11	Slate Gray SRI 32 LRV 13	Tahoe Blue SRI 33 LRV 14	Everglade SRI 35 LRV 19	Denali Green¹ SRI 29 LRV 11
		PREMIUM COLOR (SMP) - 29 Gauge*		
Forest Green¹ SRI 36 LRV 8	Copper Penny SRI 53 LRV 28			
		Natural Rust SRI 32 LRV 10		

Notes:
¹ Available in ColorGuard 25
* Subject to upcharge

Representation of colors may vary due to printing limitations.
Sample color chips are available upon request.

Product: Nor-Clad®
 Color: Rustic Red & ZINCALUME® Plus
 Photo Credit: Robert Weyrick | Perspective Image



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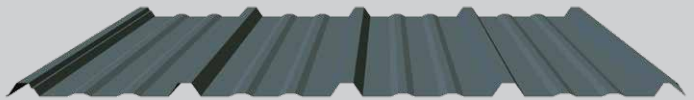
Product: Nor-Clad®
 Colors: Winter White, Weathered Copper & ZINCALUME® Plus
 Photo Credit: Robert Weyrick | Perspective Image

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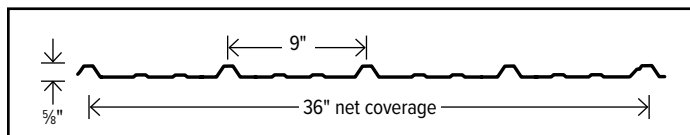
Product: Nor-Clad®
 Color: Taupe

Nor-Clad® metal roofing and metal siding is a light gauge, exposed fastened panel ideal for residential roofing, light commercial, and agricultural projects. This versatile industry standard panel can help save time and money with its ease of installation.



FEATURES AND BENEFITS:

- 36" coverage roof and wall panel.
- Roof Installation: Minimum 3:12 recommended.
- Wall Installation: Horizontal or Vertical.
- 29ga and 26ga in standard finishes.
- See page 18 for additional color and gauge information.
- Limited Lifetime Warranty for residential applications.
- Custom manufactured panel lengths: 4'-6" to 45'-0".
- Matching polycarbonate panels available.
- See page 17 for testing and certifications.



DURA TECH™ XL (SMP) - 29 & 26 Gauge

ZINCALUME® Plus SRI 64 LRV 67	Winter White¹ SRI 88 LRV 74	Surf White SRI 74 LRV 59	Light Stone¹ SRI 70 LRV 53	Desert Beige¹ SRI 58 LRV 39
Cascade Gray SRI 58 LRV 41	Taupe SRI 53 LRV 28	Patina Steel SRI 38 LRV 17	Chestnut Brown¹ SRI 36 LRV 12	Classic Brown SRI 29 LRV 7
Matte Black SRI N/A LRV 5	Canyon Red SRI 45 LRV 16	Rustic Red¹ SRI 43 LRV 13	Old Town Gray¹ SRI 43 LRV 27	Old Zinc Gray SRI 43 LRV 22
Weathered Copper SRI 32 LRV 11	Slate Gray SRI 32 LRV 13	Tahoe Blue SRI 33 LRV 14	Everglade SRI 35 LRV 19	Denali Green¹ SRI 29 LRV 11
		PREMIUM COLOR (SMP) - 29 Gauge*		
Forest Green¹ SRI 36 LRV 8	Copper Penny SRI 53 LRV 28			
		Natural Rust SRI 32 LRV 10		

Notes:
¹ Available in ColorGuard 25
 * Subject to upcharge

Representation of colors may vary due to printing limitations.
 Sample color chips are available upon request.



Product: PBR
Color: ZINCALUME® Plus Rustic Red

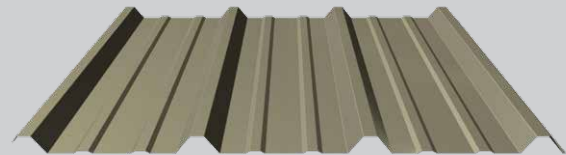


Product: PBR Panel
Color: Weathered Copper



Product: PBR
Color: Rustic Red and Desert Beige

PBR Panel is ideal for pre-engineered metal, post-frame, and agricultural buildings. PBR Panel offers a unique, yet flexible design when combined with other building materials and is perfect for use in buildings for livestock and animal confinement.



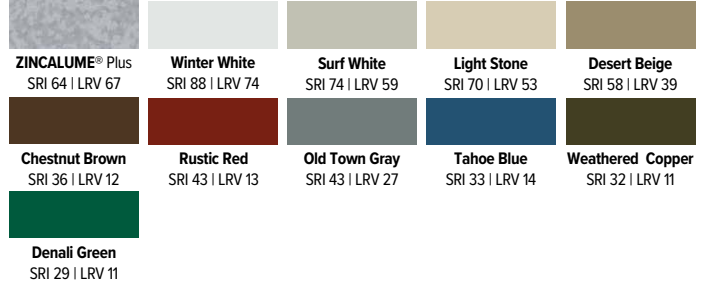
FEATURES AND BENEFITS:

- 36" coverage roof and wall panel.
- Roof Installation: Minimum recommended 1:12.
- Wall Installation: Horizontal or Vertical.
- 26ga in Dura Tech™ *nt*, 24ga in Dura Tech™ *5000/mx*.
- See page 18 for additional color and gauge information.
- Custom manufactured panel lengths: 5'-0" to 40'-0".
- Matching polycarbonate panels available.
- See page 17 for testing and certifications.

DURA TECH™ *MX* (PVDF) - 24 Gauge (Subject to upcharge)



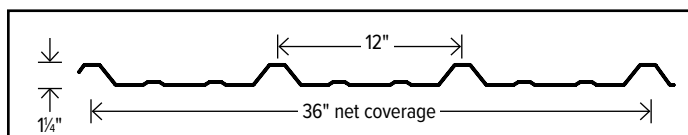
DURA TECH™ *NT* (SMP) - 29 & 26 Gauge



DURA TECH™ *5000* (PVDF) - 24 Gauge

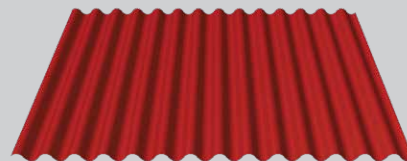


Representation of colors may vary due to printing limitations.
Sample color chips are available upon request.





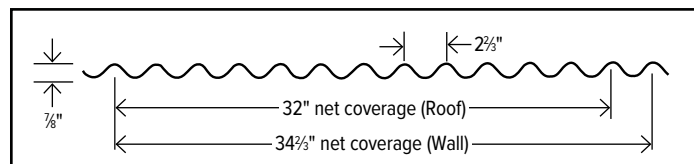
Nu-Wave Corrugated is a classic through-fastened metal panel with 7/8" deep corrugations. The panel measures 36" out-to-out, with a 32" net coverage for roof applications and a 34 2/3" net coverage for wall applications.



FEATURES AND BENEFITS:

- 32" coverage roof panel. 34 2/3" coverage wall panel.
- Minimum recommended slope 3:12.
- Wall Installation: Horizontal or Vertical.
- 26ga in Dura Tech™ nt, 24ga and 22ga in Dura Tech™ 5000/mx. 20ga available in ZINCALUME® Plus.
- See page 18 for additional color and gauge information.
- Custom manufactured panel lengths: 6'-0" to 50'-0" (Straight) & 6'-0" to 30'-0" (Curved).
- Available smooth curved to a minimum of 3' radius.
- Matching polycarbonate panels available.
- See page 17 for testing and certifications.

DURA TECH™ MX (PVDF) -24 & 22 Gauge (Subject to upcharge)



DURA TECH™ NT (SMP) - 26 Gauge



DURA TECH™ 5000 (PVDF) - 24 & 22 Gauge



Representation of colors may vary due to printing limitations. Sample color chips are available upon request.



Product: 2 1/2" Corrugated
Color: Natural Rust

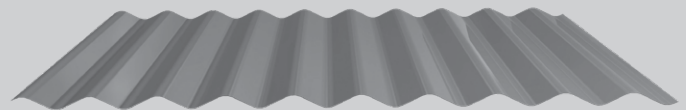


Product: 2 1/2" Corrugated
Color: Natural Rust



Product: 2 1/2" Corrugated
Color: Old Zinc Gray

2 1/2" Corrugated is a light gauge, exposed fastener panel ideal for light commercial, residential roof and walls, agricultural roof, and soffit applications. This versatile panel is a top choice for project designs ranging from country to modern.



FEATURES AND BENEFITS:

- 24" or 32" wall coverage.
- Wall Installation: Horizontal or Vertical.
- 21 1/3" or 29 1/3" roof coverage.
- Minimum recommended slope 3:12.
- 24" Coverage available in 29ga and 26ga in standard finishes.
- See page 18 for additional color and gauge information.
- Limited Lifetime Warranty for residential applications.
- Custom manufactured panel lengths: 4'-6" to 45'-0".
- Matching polycarbonate panels available.
- See page 17 for testing and certifications.

DURA TECH™ XL (SMP) - 29 & 26 Gauge

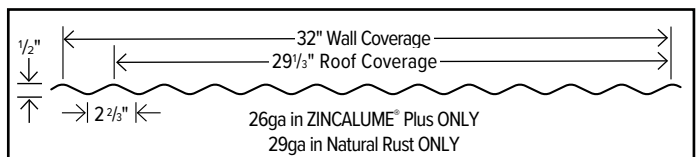
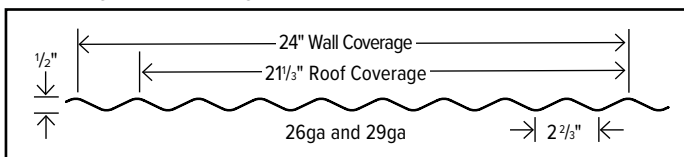
ZINCALUME® Plus SRI 64 LRV 67	Winter White SRI 88 LRV 74	Desert Beige¹ SRI 58 LRV 39	Chestnut Brown¹ SRI 36 LRV 12	Classic Brown SRI 29 LRV 7
Rustic Red SRI 43 LRV 13	Old Town Gray SRI 43 LRV 27	Slate Gray¹ SRI 32 LRV 13	Denali Green¹ SRI 29 LRV 11	Forest Green² SRI 36 LRV 8

PREMIUM COLOR (SMP) - 29 Gauge*

Natural Rus¹ SRI 32 LRV 10

Notes:
¹ 29ga only ² 26ga only
 * Subject to upcharge

Representation of colors may vary due to printing limitations.
Sample color chips are available upon request.



32" profile available in 22ga and 24ga in the premium Dura Tech™ 5000 paint system. Extended lead times and minimum order requirements apply, contact sales for availability and pricing.



Product: IronOx Corrugated
Color: IronOx (Black Steel)



Product: IronOx Corrugated
Color: Bare IronOx (Black Steel)



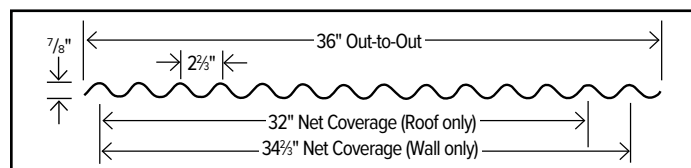
Product: IronOx Corrugated
Color: Bare IronOx (Black Steel)

IronOx Corrugated panel is ideal for creative builders looking to design with the aesthetic beauty of rusted corrugated steel. Its historic corrugated form preserves the old-fashioned design of steel panels that have graced the countryside for decades.



FEATURES AND BENEFITS:

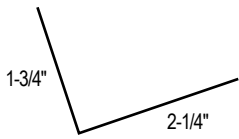
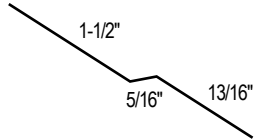
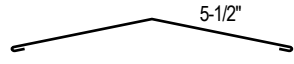
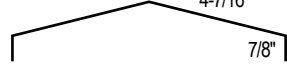
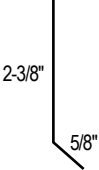
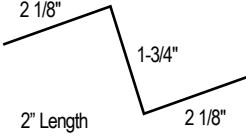
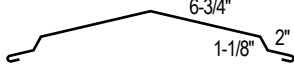
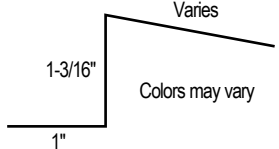
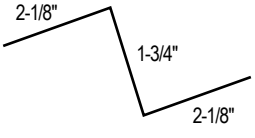
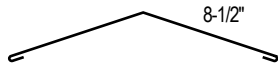
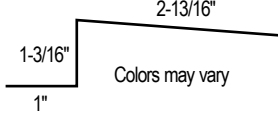
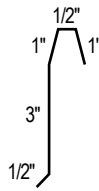
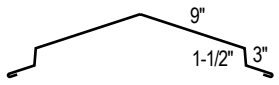
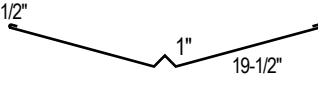
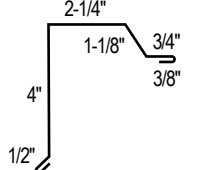
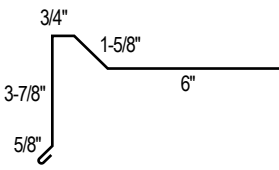
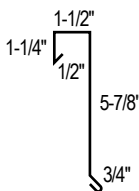
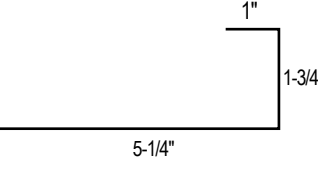
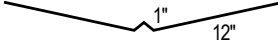
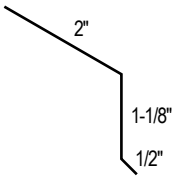
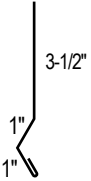
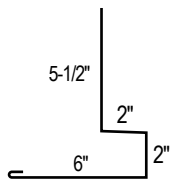
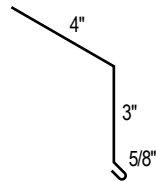
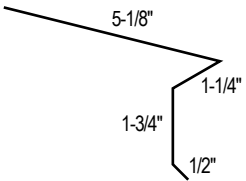
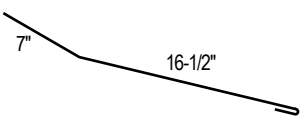
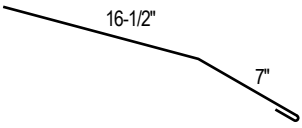
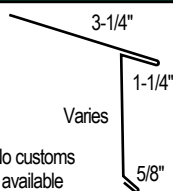

- 34 $\frac{2}{3}$ " wall coverage.
- Wall Installation: Horizontal or Vertical.
- 32" Roof Coverage - **Note:** IronOx does not meet the minimum requirements for a metal roof covering per the IBC® and IRC®. Check the building code requirements for your project before ordering or installing.
- Roof Installation: Minimum 3:12 recommended.
- 22ga unpainted and untreated steel allows the surface to rust and form a natural iron oxide finish.
- Custom manufactured panel lengths: 5'-0" to 50'-0".



Product: IronOx Corrugated
Color: Bare IronOx (Black Steel)

Design Span hp ■

Skyline Roofing ■

<p>L41 Closure</p> 	<p>OL41 Offset Cleat</p> 	<p>R16 Hip/Ridge</p> 	<p>R18 Narrow Ridge</p> 
<p>AL41 Angle Cleat</p> 	<p>ZL41 "Z" Clip</p>  <p>2" Length</p>	<p>R17 Vented Ridge</p>  <p>1-1/8" 2"</p>	<p>Z16 Perforated Zee</p>  <p>Varies</p> <p>Colors may vary</p> <p>1"</p>
<p>Z41 "Z" Closure</p> 	<p>R41 Ridge</p> 	<p>Z17 Solid Zee Closure</p>  <p>2-13/16"</p> <p>Colors may vary</p> <p>1"</p>	<p>G16 Narrow Gable</p> 
<p>R42 Vented Ridge</p>  <p>1-1/2" 3"</p>	<p>V41 Valley</p> 	<p>G17 Standard Gable</p> 	<p>G18 Chalet Gable</p> 
<p>G41 Gable</p> 	<p>SF41 Support Flashing</p> 	<p>V16 Valley</p>  <p>12"</p>	<p>E16 Narrow Eave</p> 
<p>CF41 Counter Flashing</p> 	<p>B41 Drip Flashing</p> 	<p>E17 Wide Eave</p> 	<p>E18 Snow Eave</p> 
<p>TR41 Transition (High-Low)</p>  <p>16-1/2"</p>	<p>TR43 Transition (Low-High)</p>  <p>7"</p>	<p>E19 Notched Eave</p>  <p>1-1/4"</p> <p>Varies</p> <p>No customs available</p> <p>5/8"</p>	<p>TR16 Transition (High-Low)</p>  <p>Varies</p>

Skyline Roofing ■

Nu-Wave Corrugated ■ ■

PBR Panel ■ ■

TR17 Transition (Low-High)	SW16 Sidewall	SW17 Sidewall	SW18 Sidewall
EW16 Endwall	EW17 Vented Endwall	B16 Base Trim	PF16 Peak Flashing
C13 C-Metal	EW6 Universal Endwall	SW7 Sidewall	G8 Gable
G19 Gable	V6 W-Valley	OC7 Outside Corner	IC7 Inside Corner
	 Not available for PBR Panel		
IC11 Universal Inside Corner	R8 Ridge	C6 C-Metal	G9 Sculptured Gable
OC11 Universal Outside Corner	E6 Eave		
SW8 Sidewall	B6 Drip Edge		

Strata Rib	Nor-Clad	Delta Rib III	Delta Rib	2½ Corrugated
R1 Universal Ridge 	R3 Standard Ridge 	R4 Residential Ridge 	R2 Vented Ridge 	
C1 7/8" C-Metal 	V1 W-Valley 	V2 Residential Valley 	B1 Base Trim 	
E1 Eave 	E2 Eave 	E3 Eave 	E4 Eave 	E5 Eave
ER1 Residential 3" Eave 	ER2 Residential 4" Eave 	G1 Gable 	G3 Gable 	G4 Residential Gable
PF2 Peak Flashing 	OC1 4" x 4" Outside Corner 	OC2 Universal Outside Corner 	IC1 4" x 4" Inside Corner 	
IC2 Universal Inside Corner 	SW1 Universal Sidewall 	SW2 Residential Sidewall 	EW1 Universal Endwall 	
EW2 Residential Endwall 	PB3 Pitch Break (High-Low) 	PB4 Pitch Break (Low-High) 	SB1 Snow Break 	

Works with most panels and offered as a convenience. ASC Building Products doesn't provide any installation guidance or engineering for them.

Most Common Fasteners used in the Installation of Metal Roofing and Siding

Exposed Fastener Panels				
Installation Type	Placement - A Panel-to-Substrate		Placement - B Panel Lap	
<p>INSTALLATION OVER PLYWOOD OR OSB</p>		#14 Milled Point		#14x7/8" Stitch (Lap) Screw
<p>INSTALLATION OVER METAL FRAMING</p>	#12-14tpi Self-Drill screw"/>	#12-14tpi Self-Drill (For 22-14ga Framing)		#14x7/8" Stitch (Lap) Screw
	#12-24tpi Self-Drill screw"/>	#12-24tpi Self-Drill (For 14ga & Heavier Framing)		
<p>INSTALLATION OVER DIMENSIONAL LUMBER</p>		#9 Metal-To-Wood Screw		#12x3/4" Stitch (Lap) Screw (#12 Screw Head Matches Panel Screw Head For Consistency)

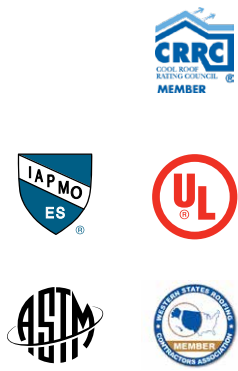
Concealed Fastener Panels	
<p>Skyline Roofing</p>	
<p>INSTALLATION OVER PLYWOOD OR OSB</p>	<p>#8 Modified Truss Head Screw (Primary)</p> <p>#10 Pan Head Wood Screw (Secondary)</p>
<p>Design Span <i>hp</i></p>	
<p>INSTALLATION OVER WOOD</p>	<p>#10 or #12 Pan Head Wood Screw</p>
<p>INSTALLATION OVER METAL FRAMING</p>	<p>#10 or #12 Pan Head Self Drilling Screw</p> <p>#12-24tpi Pan Head Self drilling screw (For 14ga & heavier framing)</p>

Trims & Flashings Attachment		
	#14x7/8" Stitch (Lap) Screw	For trim-to-trim and trim-to-panel attachments.
	#12x3/4" Stitch (Lap) Screw	
	1/8" Stainless Steel Rivets	Option for trim-to-trim attachment. Not watertight
	Roofing Nails	Used to temporarily hold a flashing in place that needs to be installed prior to panels.

Proper Installation of Gasketed Fasteners		
	Correctly Driven	
		Over Driven

FASTENER NOTES:

- Refer to installation guides for proper fastener attachment spacing and location of fasteners across panel. Additional fastener attachment information located within ASCBP's code compliance reports: ER-0550 & ER-0309 .
- Items in shaded box are available color matched with our metal roofing or siding.
- Screws must be properly driven to ensure proper seal and holding strength. Do not underdrive or overdrive the screws, especially those with sealing washers.
- Panel attachment screws must be long enough to penetrate through the substrate by at least 3/8" (if lumber, penetrate into lumber by at least one inch of effective threads (not including tapered portion).
- All screws must have durable, long life organic coatings, or be made of stainless steel to provide adequate protection against corrosion.
- It is recommended that fasteners be sourced through ASC Building Products to ensure quality fasteners, and color matching is achieved.



APPLICATION			PAINT			FEATURES ¹										PERFORMANCE					
Roofing	Siding	Liner Panel	Dura Tech [™] 5000/mx (PVDF)	Dura Tech [™] xl (SMP)	ColorGuard 25 with Spectrascape (Poly)	Dura Tech [™] nt (SMP)	Coverage (in)	Standard Gauges	Height (in)	Minimum Slope X:12	Spanning Capability	Machine Curved ²	Matching Polycarbonate Panels	Attachment	Uplift (ASTM E1592)	Air/Water Infiltration (ASTM)	UL790 Fire - Roof ³	UL263 Fire - Wall	UL580 Uplift	UL 2218 Impact (Hail)	Building Code Approval Report ⁴

PG	CONCEALED FASTENER METAL ROOFING																					
2	Design Span [®] hp	●	●	●	●	●	12, 16, 17, 18	22, 24	1¼	2	VG	●	●	CL	●	●	●	●	●	●	●	
3	Skyline Roofing [®]	●	●	●	●	●	12, 16	26	1	3		●	●	NA	●	●	●	●	●	●	●	
4	Skyline Roofing [®] hp	●	●	●	●	●	16	24	1	3		●	●	NA	●	●	●	●	●	●	●	
PG	EXPOSED FASTENER METAL ROOFING AND SIDING																					
5	Delta Rib [™]	●	●	●	●	●	24	26, 29	¾	3	G	●	●	D	C	●	●	●	●	●	●	
6	Delta Rib [™] III	●	●	●	●	●	36	26, 29	¾	3	G	●	●	D	C	●	●	●	●	●	●	
7	Strata Rib [®]	●	●	●	●	●	36	26, 29	¾	3	G	●	●	D	C	●	●	●	●	●	●	
8	Nor-Clad [®]	●	●	●	●	●	36	26, 29	¾	3	G	●	●	D	C	●	●	●	●	●	●	
9	PBR Panel	●	●	●	●	●	36	24, 26	1¼	1	VG	●	●	D	C	●	●	●	●	●	●	
10	Nu-Wave [®] Corrugated	●	●	●	●	●	32 (Roof), 34½ (Wall)	20-26	⅞	3	E	●	●	D	C	●	●	●	●	●	●	
11	2½" Corrugated - 24"	●	●	●	●	●	21½ (Roof), 24 (Wall)	26, 29	½	3	G	●	●	D	C	●	●	●	●	●	●	
	2½" Corrugated - 32"	●	●	●	●	●	29½ (Roof), 32 (Wall)	26, 29	½	3	G	●	●	D	C	●	●	●	●	●	●	
12	IronOx Corrugated	○	●	●	●	●	Bare Steel	32 (Roof), 34½ (Wall)	22					D						●		

TABLE NOTES:

- Primary Application / Standard Color.
- 1) Not all product capabilities/ limitations are listed. Chart to be used for general product selection guidance only.
- 2) In general, most panels may be sprung curved to large radii (inquire for limitations).
- 3) Roof assemblies Class A Fire Rated when installed on non-combustible deck or framing per IBC or IRC or when installed in accordance to UL listings (UL790).
- 4) Panel evaluated by accredited third party. All structural performance data is contained within Building Code Approval Report: IAPMO-UES #ER-0309.
- G Good Spanning Capability.
- VG Very Good Spanning Capability.
- E Excellent Spanning Capability.
- CL Clip Attached.
- D Direct Fastened.
- C Performance calculated per code provisions.

OIL CANNING: All flat metal surfaces can display waviness commonly referred to as “oil canning”. “Oil canning” is an inherent characteristic of steel products, not a defect, and therefore is not a cause for panel rejection.

SRI: Solar Reflective Index. SRI values in accordance with ASTM E1980 and are based on independent testing. Cool Roof Rating Council (CRRC) performance values for CA Title 24 are based on color families and will differ from those listed in table.

LRV: Light Reflectance Value.

BENEFITS OF METAL ROOFING

LONG LASTING. Metal roofs may last up to 60 years with proper maintenance and installation. Lasting 2 to 3 times longer than asphalt shingles.

ENERGY EFFICIENT. Cool metal roofs are offered in energy efficient colors that can save as much as 25% in energy costs.

SAFE. Metal roofs will not ignite or support combustion during a wildfire or lightning strike.

ENVIRONMENTALLY FRIENDLY. Metal roofs use recycled content and are 100% recyclable at the end of its life cycle.

DURABLE. Metal roofs withstand extreme weather conditions, including rain, wind, and snow; and have the highest Class 4 hail impact resistance in accordance to UL 2218.

LOWER INSURANCE COSTS. Metal roofs with qualifying impact-resistance certification may qualify for premium discounts.

Color Key																
Dura Tech™ <i>xl</i> (SMP)																
ColorGuard 25 with Spectrascape® (Polyester)																
Dura Tech™ <i>nt</i> (SMP)																
ZINCALUME® Plus (Unpainted product)																
Premium Color (Subject to upcharge)																
		12" Skyline Roofing®	16" Skyline Roofing®	2 1/2" Corrugated	24" Delta Rib™	36" Nor-Clad®	36" Strata Rib®	36" Delta Rib™ III	36" PBR Panel	36" Nu-Wave® Corrugated						
Colors & Gauges		26	26	29	26	29	26	29	26	29	26	29	26	26	26	
ZINCALUME® Plus			AK/CA OR/WA	1				AK/CA OR/WA				AK/CA OR/WA				
Winter White			CA OR/WA					AK/CA OR/WA	OR WA			AK/CA OR/WA	WA			
Surf White								OR WA				OR WA				
Light Stone			CA OR/WA					AK	CA OR/WA			AK	CA OR/WA			
Desert Beige								AK/CA OR/WA	OR WA			AK/CA OR/WA	WA			
Cascade Gray								OR				OR				
Taupe								CA OR/WA				CA OR/WA				
Patina Steel			CA OR/WA					CA OR/WA				CA OR/WA				
Chestnut Brown			AK/CA OR/WA					AK/CA OR/WA	OR WA			AK/CA OR/WA	WA			
Classic Brown			AK/CA OR/WA					AK/CA OR/WA				AK/CA OR/WA				
Matte Black			AK/CA OR/WA					AK/CA OR/WA				AK/CA OR/WA				
Canyon Red								AK/CA OR/WA				AK/CA OR/WA				
Rustic Red			AK/CA OR/WA					AK/CA OR/WA	OR WA			AK/CA OR/WA	WA			
Old Town Gray			CA OR/WA					AK/CA OR/WA	OR WA			AK/CA OR/WA	WA			
Old Zinc Gray			AK/CA OR/WA					AK/CA OR/WA				AK/CA OR/WA				
Weathered Copper			AK/CA OR/WA					AK/CA OR/WA				AK/CA OR/WA				
Slate Gray			AK/CA OR/WA		CA			AK/CA OR/WA				AK/CA OR/WA				
Tahoe Blue			AK/CA OR/WA		WA			AK/CA OR/WA		OR		AK/CA OR/WA		OR		
Everglade			CA OR/WA					AK/CA OR/WA				AK/CA OR/WA				
Denali Green			AK/CA OR/WA					AK/CA OR/WA	OR WA			AK/CA OR/WA	WA			
Forest Green			AK/CA OR/WA					AK/CA OR/WA	OR WA			AK/CA OR/WA	WA			
Copper Penny*			AK/CA OR/WA					AK OR/WA				AK OR/WA				
Natural Rust*			AK/CA OR/WA	1				AK WA				AK WA				

PAINT SYSTEM	SMP	PVDF	Production Locations												
OVERALL	Better	Best													
PRICE POINT	Moderate	Higher													
WARRANTY	Limited Lifetime Residential 25 Year Non-Residential	Limited Lifetime Residential 40 Year Non-Residential	Salem, OR.	Anchorage, Alaska (AK) Sacramento, California (CA) Salem, Oregon (OR) Spokane, Washington (WA)	Sacramento, CA.	Sacramento, CA.	Sacramento, CA., Spokane, WA.	Sacramento, CA.	Multiple Locations (See key)	Sacramento, CA., Salem, OR.	Anchorage, Alaska (AK) Sacramento, California (CA) Salem, Oregon (OR) Spokane, Washington (WA)	Sacramento, CA., Salem, OR.	Salem, OR.	Sacramento, CA.	Sacramento, CA.
DURABILITY	Medium to high	Highest													
APPLICATION	Residential and commercial	High-end, architectural and commercial													
BRANDS	Dura Tech™ <i>xl</i> Dura Tech™ <i>nt</i>	Dura Tech™ 5000 Dura Tech™ <i>mx</i>													

TABLE NOTES:

1) Also available in 32" Net Coverage.

* Please note, these colors are batch sensitive (may have color variation) and are directional in nature. Different batches are not to be mixed on projects. We recommend you request a sample of current stocked material to review actual color before ordering to ensure color accuracy. We are not responsible for color variations.

PVDF: Fluoropolymer coating.

SMP: Silicone-modified polyester.



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