



METAL ROOFING & SIDING

PRODUCT GUIDE

ROOFING • SIDING • TRIM • FASTENERS • BUILDING COMPONENTS



NORTHERN CALIFORNIA'S TRUSTED STEEL SUPPLIER

ROOFING • SIDING • TRIM • FASTENERS • BUILDING COMPONENTS

CALSTEELROOFING.COM | (209) 745-2933



A trusted brand for over 50 years, our products are backed by accredited third party testing, and offer limited lifetime warranties for residential applications.

METAL ROOFING PROFILES

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

METAL ROOFING & SIDING PROFILES

- 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

CHOOSING YOUR PRODUCT TYPE

- 13 Concealed vs. Exposed Fastener

ACCESSORIES

- 14 Fastener Selection Guide
- 15 Trims and Flashings Guide
- 18 Polycarbonate Accessories
- 19 S-5! Snow Retention Systems

PRODUCT INFORMATION

- 21 Product Index
- 22 Color Index
- 23 Technical Bulletins
- 23 Color Performance Data
- 24 Paint Systems Offered
- 25 Installation Guides
- 26 Color Warranty Information

ONLINE TOOLS

- 27 Distributor Search Tool
- 28 Visualizer
- 29 Project Gallery

OTHER

- 30 Grid for Notes



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.
- 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 21 for testing and certifications.

PREMIUM COLORS



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



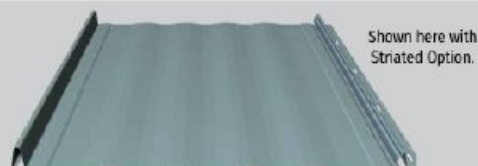
DURA TECH® MX (PVDF) - 24 and 22 Gauge (Subject to upcharge)



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

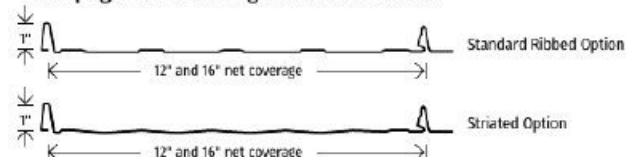


Skyline Roofing® is a standing seam roofing profile with a 1" tall rib featuring a concealed fastened design. With clean lines and snap-together installation, Skyline Roofing has long been a top choice for residential roofing.



FEATURES AND BENEFITS:

- 12" & 16" coverage metal roof panel.
- Minimum recommended slope 3:12.
- 26ga in standard finishes.
- See page 22 for additional color and gauge information.
- Limited Lifetime Warranty for residential applications.
- Custom manufactured panel lengths: 4'-0" to up to 50'-0".
- Striated option available to help minimize the appearance of oil canning.
- Snap-together panel, no field seaming required.
- See page 21 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.

ZINCALUME® Plus



Metal Roofing



Weathered Copper



Metallic Copper

Skyline Roofing® *hp* is a high-performance roofing system with the same panel design as Skyline Roofing but features a thicker, 24ga base steel and a commercial-grade paint system for added durability. Ideal for residential and light-commercial applications.



Shown here with Standard Ribbed Option.

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".
- Striated option available to help minimize the appearance of oil canning.
- Snap-together panel, no field seaming required.
- See page 21 for testing and certifications.

STANDARD COLORS

DURA TECH® 5000 (PVDF) - 24 Gauge



SPECIAL ORDER (Minimum order required)

DURA TECH® 5000 (PVDF) - 24 Gauge

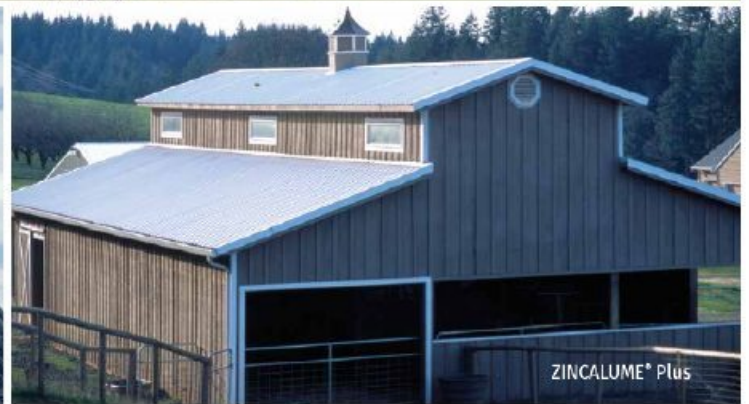


DURA TECH® MX (PVDF) - 24 Gauge (Subject to upcharge)

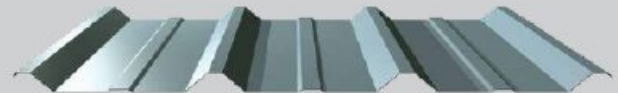


*Metallic colors are batch sensitive (may have color variation) and are directional in nature. Different batches are not to be mixed on projects.

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



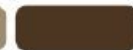
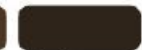
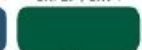
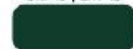
Delta Rib™ metal roofing and siding is a light gauge, exposed fastener panel ideal for residential, light commercial, agricultural and retail projects. Due to its 24" width, this panel offers excellent ease of installation.



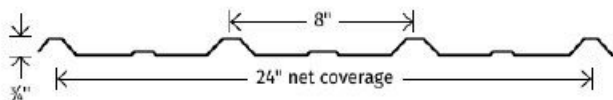
FEATURES AND BENEFITS:

- 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 22 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 in 0.8mm. See page 18.
- See page 21 for testing and certifications.

DURA TECH® XL (SMP) - 29 & 26 Gauge

				
ZINCALUME® Plus SRI 64 LRV 67	Winter White SRI 88 LRV 74	Desert Beige ¹ SRI 58 LRV 39	Chestnut Brown ¹ SRI 36 LRV 12	Classic Brown SRI 29 LRV 7
				
Rustic Red SRI 43 LRV 13	Old Town Gray SRI 43 LRV 27	Slate Gray ¹ SRI 32 LRV 13	Tahoe Blue ¹ SRI 33 LRV 14	Denali Green SRI 29 LRV 11
				
Forest Green ² 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.



Metal Roofing &

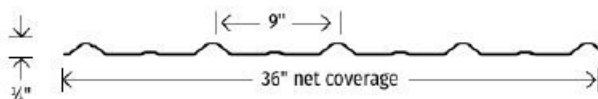


Delta Rib™ III metal roofing and metal siding is a light gauge, exposed fastener panel ideal for residential, light commercial, and agricultural projects. This versatile panel offers great coverage and clean lines in a variety of energy-efficient colors.



FEATURES AND BENEFITS:

- 36" coverage roof and wall panel.
- Roof Installation: Minimum 3:12 recommended.
- Wall Installation: Horizontal or vertical.
- 29ga and 26ga in several standard finishes. Note, not all colors available in all locations, see page 22 for color availability.
- See page 22 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 in 0.8mm. See page 18.
- See page 21 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

^{*} 29ga only

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

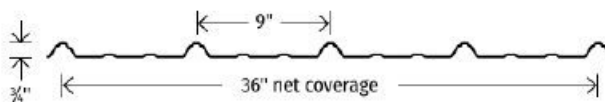


Strata Rib® metal roofing and metal siding is a light gauge, exposed fastener panel with two minor ribs in between $\frac{3}{4}$ " high reinforced major ribs. These attributes provide added strength, durability, and easier installation, all of which save time and money.



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 22 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 in 0.8mm. See page 18.
- See page 21 for testing and certifications.

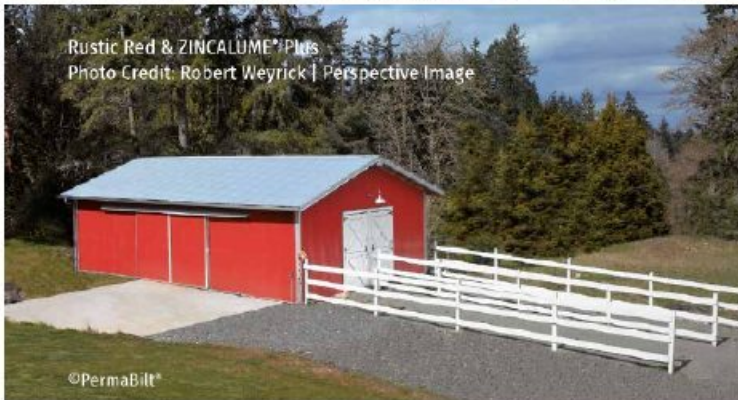


DURA TECH® XL (SMP) - 29 & 26 Gauge

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 Red² 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.

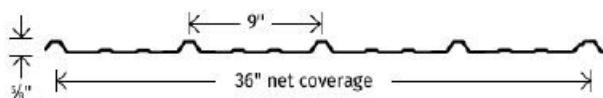


Nor-Clad® metal roofing and metal siding is a light gauge, exposed fastener panel ideal for residential roofing, light commercial, and agricultural projects. This versatile industry standard panel can help save time and money with its ease of installation.



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 22 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 in 0.8mm. See page 18.
- See page 21 for testing and certifications.



DURA TECH® XL (SMP) - 29 & 26 Gauge

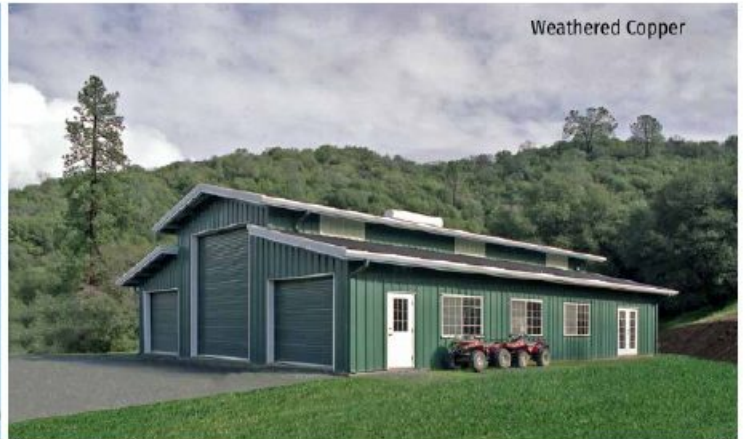
ZINCALUME® PLUS SRI 64 LRV 67	Winter White¹ SRI 88 LRV 74	Surf White SRI 74 LRV 59	Light Stone¹ SRI 70 LRV 53	Desert Beige¹ SRI 58 LRV 39
Cascade Gray SRI 58 LRV 41	Taupe SRI 53 LRV 28	Patina Steel SRI 38 LRV 17	Chestnut Brown¹ SRI 36 LRV 12	Classic Brown SRI 29 LRV 7
Matte Black SRI N/A LRV 5	Canyon 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.



ZINCALUME® Plus & Rustic Red



Weathered Copper



Rustic Red & Desert Beige

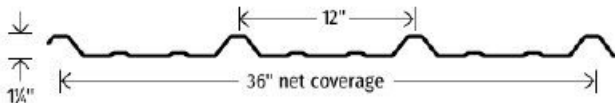
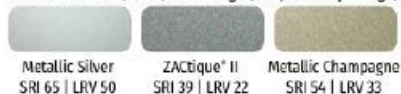
PBR Panel offers a unique yet flexible design, ideal for pre-engineered metal, post-frame, and agricultural buildings. This industry standard panel is economical and fast to install, making it a great solution for metal buildings and other commercial structures.



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 22 for additional color and gauge information.
- Custom manufactured panel lengths: 5'-0" to 40'-0".
- Matching polycarbonate panels available in 0.8mm. See page 18.
- Ideal for livestock and animal confinement.
- See page 21 for testing and certifications.

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



DURA TECH® NT (SMP) - 26 Gauge



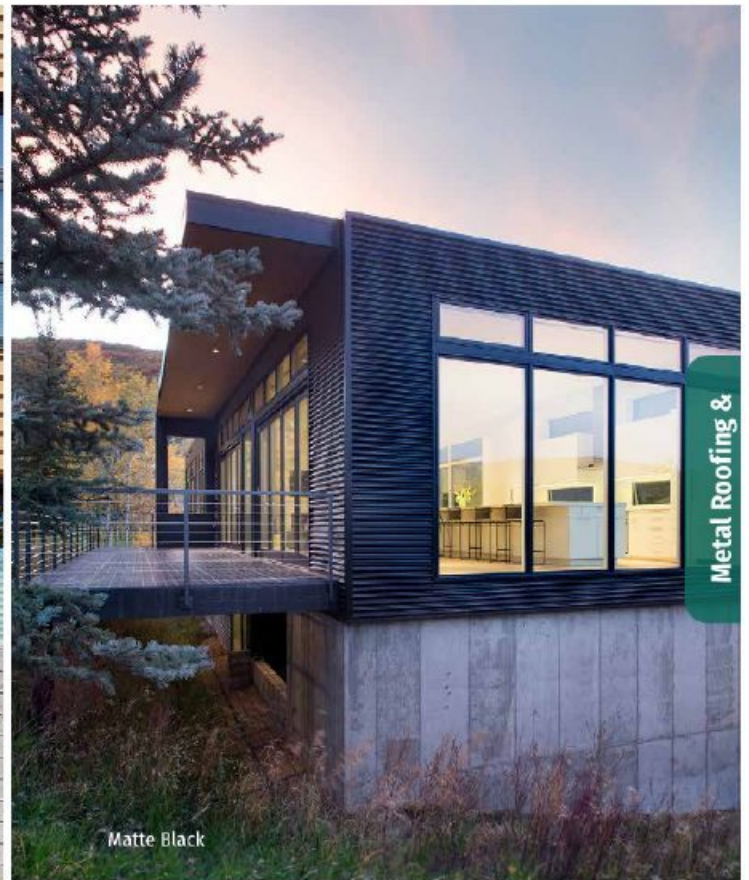
DURA TECH® 5000 (PVDF) - 24 Gauge



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



Metallic Champagne



Matte Black

Metal Roofing & Siding

Nu-Wave® Corrugated is a classic exposed fastener metal panel with $\frac{7}{8}$ " deep corrugations. The panel measures 36" out-to-out, with a 32" net coverage for roof applications and a 34 $\frac{1}{2}$ " net coverage for wall applications.



FEATURES AND BENEFITS:

- 32" coverage roof panel. 34 $\frac{1}{2}$ " 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 22 for additional color and gauge information.
- Custom manufactured panel lengths: 6'-0" to 50'-0".
- Matching polycarbonate panels available in 0.8mm. See page 18.
- See page 21 for testing and certifications.

Iron Ox is black steel (uncoated and unpainted), that rusts naturally. No warranty is offered or implied.

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

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



DURA TECH® NT (SMP) - 26 Gauge

ZINCALUME® Plus SRI 64 LRV 67	Winter White SRI 88 LRV 74	Surf White SRI 74 LRV 59	Light Stone SRI 70 LRV 53	Desert Beige SRI 58 LRV 39
			PREMIUM COLORS (Subject to upcharge)	
Chestnut Brown SRI 36 LRV 12	Rustic Red SRI 43 LRV 13	Old Town Gray SRI 43 LRV 27		
			Natural Rust SRI 32 LRV 10 26 Gauge	Vintage® SRI 22 LRV 20 24 Gauge
Tahoe Blue SRI 33 LRV 14	Weathered Copper SRI 32 LRV 11	Densli Green SRI 29 LRV 11		

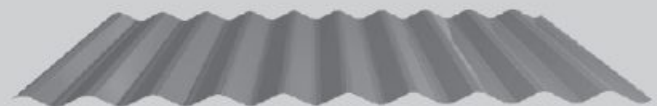
DURA TECH® 5000 (PVDF) - 24 & 22 Gauge

ZINCALUME® Plus SRI 64 LRV 67	Regal White SRI 88 LRV 75	Parchment SRI 58 LRV 40	Sierra Tan SRI 55 LRV 34	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	Leaf Green SRI 30 LRV 11	Forest Green SRI 29 LRV 9

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



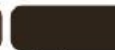
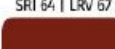
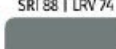
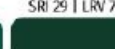
2½" Corrugated is a light gauge, exposed fastener panel ideal for light commercial, residential roof and walls, agricultural roof, and soffit applications. This versatile panel is a top choice for project designs ranging from country to modern.



FEATURES AND BENEFITS:

- 24" or 32" wall coverage.
- **Wall Installation:** Horizontal or vertical.
- 21⅓" or 29⅓" roof coverage.
- Minimum recommended slope 3:12.
- 24" Coverage available in 29ga and 26ga in standard finishes.
- See page 22 for additional color and gauge information.
- Custom manufactured panel lengths: 4'-6" to 45'-0".
- Matching polycarbonate panels available in 0.8mm. See page 18.
- See page 21 for testing and certifications.

DURA TECH® XL (SMP) - 29 & 26 Gauge

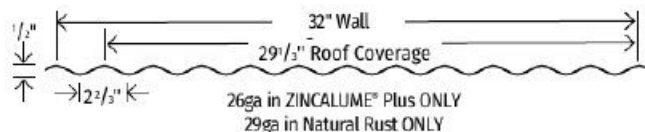
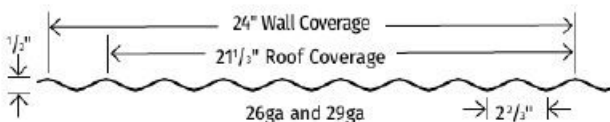
				
ZINCALUME® PLUS SRI 64 LRV 67	Winter White SRI 88 LRV 74	Desert Beige ¹ SRI 58 LRV 39	Chestnut Brown ¹ SRI 36 LRV 12	Classic Brown SRI 29 LRV 7
				
Rustic Red SRI 43 LRV 13	Old Town Gray SRI 43 LRV 27	Slate Gray ¹ SRI 32 LRV 13	Denali Green ¹ SRI 29 LRV 11	Forest Green ² SRI 36 LRV 8

PREMIUM COLOR (SMP) - 29 Gauge*



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.



Metal Roofing &

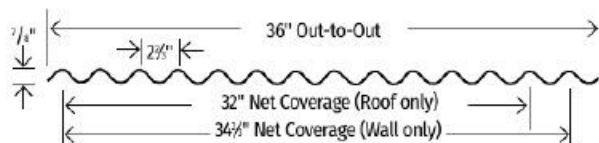


IronOx Corrugated panel is ideal for creative builders looking to design with the aesthetic beauty of rusted corrugated steel. Its historic corrugated form preserves the old-fashioned design of steel panels that have graced the countryside for decades.



FEATURES AND BENEFITS:

- 34 $\frac{3}{8}$ " 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: 6'-0" to 50'-0".
- No warranty offered or implied.



Selecting the right metal panel style depends on your project's priorities for appearance, performance, and budget. Use the details below to help determine which panel type best suits your needs.

Concealed (Standing Seam) Panels



SKYLINE ROOFING®



SKYLINE ROOFING® hp



DESIGN SPAN® hp

Standing seam panels are a popular choice for both residential and commercial applications. The raised vertical seam locks each panel together, concealing the fasteners beneath and providing superior weather resistance, while also achieving a clean, modern look.

BENEFITS:

- **Attractive, Clean Appearance:** Complements a broad range of residential styles.
- **Secure Installation:** Installs over a solid base (i.e. OSB or plywood), similar to traditional roofing.
- **Thermal Flexibility:** Allows metal to expand and contract without compromising the panel.
- **Excellent Performance:** Provides long-term durability and protection at a competitive price point.

Exposed Fastener Panels



DELTA RIB™



DELTA RIB™ III



STRATA RIB®



NOR-CLAD®



PBR PANEL



NU-WAVE® CORRUGATED



2½" CORRUGATED



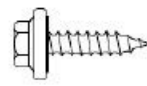
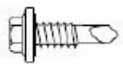
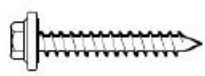
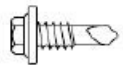
IRONOX CORRUGATED

Exposed fastener panels overlap along the edges, with fasteners driven through the panel and visible on the surface. These systems are highly versatile, easy to install, and ideal when speed and cost-effectiveness are key considerations. Commonly used for agricultural, commercial, and light industrial buildings, exposed fastener panels deliver proven strength and reliability across large-scale applications.

BENEFITS:

- **Quick & Economical Installation:** Designed for fast assembly, reducing both material and labor costs.
- **Versatile Compatibility:** Can be installed over multiple substrates; wood, steel decking, or masonry.
- **Dependable Performance:** Provides strength and durability for agricultural and commercial projects.
- **Weather-tight System:** Rubber grommets on fasteners seal and protect against moisture intrusion.

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	
 INSTALLATION OVER PLYWOOD OR OSB		#14 Milled Point		#14x7/8" Stitch (Lap) Screw
 INSTALLATION OVER METAL FRAMING		#12-14tpi Self-Drill (For 22-14ga Framing)		#14x7/8" Stitch (Lap) Screw
		#12-24tpi Self-Drill (For 14ga & heavier Framing)		
 INSTALLATION OVER DIMENSIONAL LUMBER		#9 Metal-To-Wood Screw		#12x3/4" Stitch (Lap) Screw (#12 Screw Head Matches Panel Screw Head For Consistency)

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

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		
	Under Driven	Over Driven
Correctly Driven Under Driven Over Driven		

FASTENER NOTES:

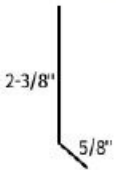
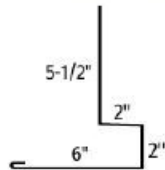
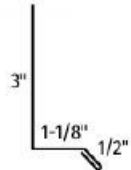
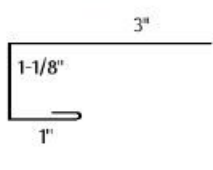
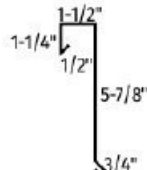
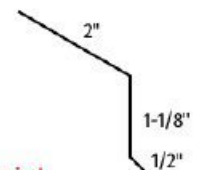
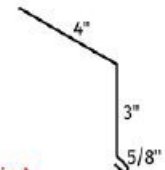
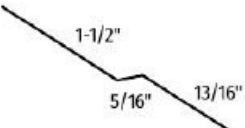
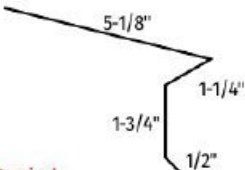
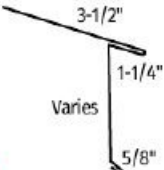
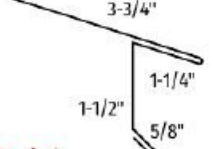
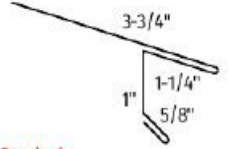
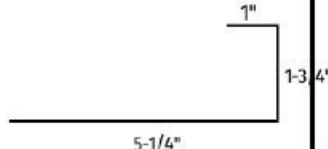
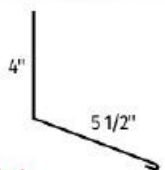
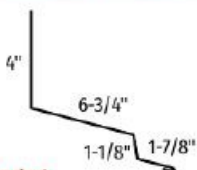
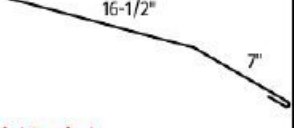
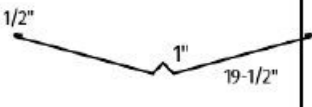
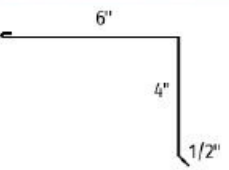
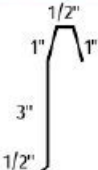
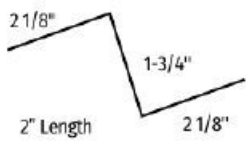
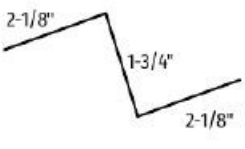
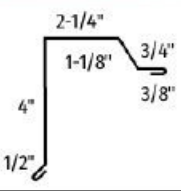
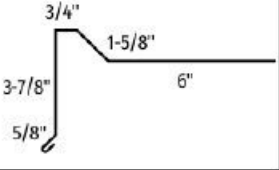
- Refer to [installation guides](#) for proper fastener attachment spacing and location of fasteners across panel. Additional fastener attachment information located within ASC BP's code compliance reports: [ER-0550](#) & [ER-0309](#).
- Items in shaded box are available color matched with our metal 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 1/4" (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 California Steel Products to ensure quality fasteners, and color matching is achieved.

Refer to the color key for the most common trims and flashings available by product.

Accessories

Design Span[®] hp

Skyline Roofing[™]

AL41 Angle Cleat 	B41 Drip Flashing 	B16 Base Trim 	C16 C Trim 
CF41 Counter Flashing 	G41 Gable 	E16 Narrow Eave  Pitch Required	E17 Wide Eave  Pitch Required
L41 Closure 	OL41 Offset Cleat 	E18 Snow Eave  Pitch Required	E19 Nosed Eave  Pitch Required
R41 Ridge  Pitch Required	R42 Vented Ridge  Pitch Required	E21 Nosed Eave  Pitch Required	E22 Nosed Eave  Pitch Required
SF41 Support Flashing 	TR41 Transition (High-Low)  Pitch Required	EW16 Endwall  Pitch Required	EW17 Vented Endwall  Pitch Required
TR43 Transition (Low-High)  Pitch Required	V41 Valley  Pitch Required	G5 Adjustable Gable 	G16 Narrow Gable 
ZL41 "Z" Clip 	Z41 "Z" Closure 	G17 Standard Gable 	G18 Chalet Gable 

Skyline Roofing™

Nu-Wave™ Corrugated

PBR Panel

Refer to the color key for the most common trims and flashings available by product.

Accessories

PF16 Peak Flashing Varies 1/2" Pitch Required	PF18 Vented Peak Varies 1/2" 1-1/8" 2" Pitch Required	R16 Hip/Ridge 5-1/2" Pitch Required	R17 Vented Ridge 6-3/4" 1-1/8" 2" Pitch Required	R18 Narrow Ridge 4-7/16" 7/8" Pitch Required	
SS1 Starter Strip 1" 2-1/2"	SW16 Sidewall 4" 2-1/4" 1-1/8" 3/4" Pitch Required	SW17 Sidewall 4" 2-1/4" 2-1/8" 3/4" Pitch Required	SW18 Sidewall 4" 2-1/4" 1" 2-1/2" Pitch Required	TR16 Transition (High-Low) 5" Varies Pitch Required	TR17 Transition (Low-High) Varies 5" Pitch Required
V16 Valley 1" 12" Pitch Required	Z17 Solid Zee Closure 1-3/16" 1" 2-13/16" Colors may vary	Z18 Perforated Zee 1-3/16" 1" Varies Colors may vary Pitch Required	B1 Base Trim 2-1/8" 1" 1/2"		
C13 C-Metal 3-1/2" 1" 1"	G19 Gable 3-1/2" 1/2" 4-3/4" 3/4" Pitch Required	IC2 Inside Corner 3-1/2" 3-1/2"	OC2 Outside Corner 3-1/2" 3-1/2"		
SW8 Sidewall 5-1/4" 5"	E6 Eave 5-3/4" 4" 3/4" Pitch Required	EW6 Endwall 4-1/2" 6" Pitch Required	R8 Ridge 10" Pitch Required		
V6 W-Valley 3/4" 20-3/4" Pitch Required	B6 Drip Edge 4-1/8" 1-5/8" 3/4"	C6 C-Metal 3-7/8" 1-3/8" 1-1/4"	G8 Gable 4-7/8" 5-1/4" 1-3/4" 7/8" 3/4" Pitch Required		
G9 Sculptured Gable 1" 6" 2-1/8" 3-1/2" 1-1/2" 3-1/2" 2-1/8" Pitch Required	IC7 Inside Corner 4-1/4" 1-3/4" 3/4"	OC7 Outside Corner 4-3/16" 1-15/16" 5/8"	SW7 Sidewall 5-5/8" 5" 2-1/8"		

Refer to the color key for the most common trims and flashings available by product.

Accessories

Strata Rib® ■ Nor-Clad® ■ Delta Rib™ III ■ Delta Rib™ ■ 2½" Corrugated ■

B1 Base Trim	C17/8" C-Metal	E1 Eave	E2 Eave	E3 Eave	E4 Eave
E5 Eave	ER1 Residential 3" Eave	ER2 Residential 4" Eave	EW1 Endwall	EW2 Residential Endwall	EW17 Vented Endwall
G1 Gable	G3 Gable	G4 Residential Gable	G18 Chalet Gable	IC1 Inside Corner	
IC2 Inside Corner	OC1 Outside Corner	OC2 Outside Corner	PB3 Pitch Break (High-Low)	PB4 Pitch Break (Low-High)	
PF2 Peak Flashing	PF3 Vented Peak	R1 Ridge	R2 Vented Ridge		
R3 Standard Ridge	R4 Residential Ridge	SW1 Sidewall	SW2 Residential Sidewall		
TC1 Single Track Cover	TC2 Single Track Cover	TC3 Double Track Cover	V1 W-Valley	V2 Residential Valley	



SUNSKY®

POLYCARBONATE SKYLIGHT & SIDELIGHT PANELS

SUNSKY Polycarbonate Panels offer multiple advantages over traditional fiberglass corrugated panels. Designed to withstand punishing climates and harsh conditions, they are ideal for agricultural, patio, and industrial applications.

Features and Benefits:

- Polycarbonate panels are virtually unbreakable, offering up to 20 times greater impact resistance compared to a fiberglass panel.
- Panels retain optical clarity far better than any other glazing material for increased light transmission, while offering 100% UV protection. UV protection is only on the standard (non-reversed) side of the panel.
- Panel profiles can handle extreme climates (-40°F to 270°F), and highest resistance to wind uplift (UL 580 Class 90) and hail.
- All panels come in a 0.8mm thickness, and 10-Year warranty.

SUNSKY Polycarbonate panels match up to

California Steel Panels & Buildings most popular metal panel profiles.

Illustration not representative of actual profile



Accessories

Panel	Length	Clear	White	Location
2.5" Corrugated	8', 10', 12'		✓	West Sacramento
Delta Rib™	8', 10', 12'	✓	✓	Spokane, West Sacramento
Delta Rib III™	8', 10', 12'	✓	✓	Salem
Nor-Clad®	8', 10', 12'	✓		Salem, Spokane, West Sacramento
Nor-Clad®	8', 10'		✓	Salem, Spokane,
Nu-Wave® Corrugated	12'		✓	West Sacramento
PBR Panel	8', 10', 12'	✓		West Sacramento
PBR Panel	8', 10'		✓	West Sacramento (subject to longer lead times & order minimums)
Strata Rib	8', 10', 12'	✓	✓	Salem, Spokane, West Sacramento



SUNSKY is a registered trademark of PALRAM Industries LTD.

Contact your California Steel Panels & Buildings **Representative for more information.**

**S-5!®****SNOW GUARD ROOF ATTACHMENT SYSTEM**

Snow retention systems help keep snow in place, allowing it to evacuate in a controlled manner. Enhance your roof's performance with compatible ColorGard® 2.0, X-Gard™ 1.0, and X-Gard™ 2.0 snow retention systems—now available when purchasing California Steel Panels & accessories.

Accessories

ColorGard® 2.0 is a true lay and play system that does not require any pre-assembly before getting on the roof. This bar-type snow guard system matches the roofing color, offering improved design integration. When installed on standing seam roofs, this system affixes to the metal roofing seams with clamps, avoiding the need to drill or screw through the roofing panel, bypassing potential weathertightness issues. Exposed fastener products will require drilling through the panel.

The facade strip for the ColorGard system is manufactured using the same painted metal as the roofing product, ensuring optimum color integration and consistent color aging.

X-Gard™ 1.0 and X-Gard™ 2.0 are heavy-duty, one or two-pipe snow retention systems. Fence-type systems offer higher performance due to superior beam strength, making them ideal for regions with extreme snow. Their tubular, metallic appearance may be more suitable for select design aesthetics. These systems attach to the standing seam panels using the same non-penetrating clamp design as the ColorGard system.

For more information on the ColorGard® 2.0, X-Gard™ 1.0, or X-Gard™ 2.0 snow retention systems visit [S-5.com](https://www.s-5.com).



ColorGard® 2.0 Snow Guard Rail
Color-matched snow retention system



X-Gard™ 1.0 & 2.0 Snow Guard Rails
One & Two-pipe snow retention systems

SNOW GUARD PRODUCT HARDWARE

Each installation will require three primary components - the snow retention rail, the roof clamp that attaches to the metal roof, and snow clips that block the movement of snow and ice beneath the snow rail. Please visit S-5.com for further product resources, including the product configurator, to identify which components are required for your project.

ColorGard® 2.0 Snow Guard Rail System

Snow Retention Rail*

ColorGard Snow Retention Guard (available as punched or unpunched)

Color Strip (Dura Tech® xl or Dura Tech® 5000 color matched)

ColorGard Splice (for connecting 2+ rails)



Roofing Clamp

Design Span® hp	S-5-S	
Skyline Roofing® & Skyline Roofing® hp	S-5-N	
Nor-Clad®, Strata Rib®, PBR Panel, Delta Rib™ & Delta Rib™ III	VersaBracket™ 47	
Nu-Wave® Corrugated	CorruBracket™	

Clip

Skyline Roofing® & Skyline Roofing® hp	SnoClip 2.0 II	
Design Span® hp	SnoClip 2.0 III	
Nor-Clad®, Strata Rib®, PBR Panel, Delta Rib™ & Delta Rib™ III	VersaClip 2.0	

X-Gard™ 1.0 or 2.0 Snow Guard Rail System

Snow Retention Rail

One-pipe system using NEX® 1.0, or Two-pipe system using NEX® 2.0

X-Gard 1.0 or 2.0 Bracket

X-Gard Splice (for connecting 2+ rails)

X-Gard Endcaps



Roofing Clamp

Design Span® hp	S-5-S	
Skyline Roofing® & Skyline Roofing® hp	S-5-N	

Clip

Design Span® hp, Skyline Roofing® & Skyline Roofing® hp	X-Clip II	
---	-----------	--

* Punched snow retention guards are suitable for standing seam products with seams at intervals divisible by 4" (e.g. 12" and 16"). For exposed fastener panels and other standing seam profiles a non-punched guard should be selected.



To calculate, configure, and select S-5! components for your project, scan the QR code or visit S-5.com.



By purchasing these S-5! Snow Guard products, you agree that you, or your customer, have obtained appropriate engineering and installation advice, and accept all liability, for any potential impacts to (drag load calculations, paint and finish warranty impacts, etc.), and have taken appropriate steps to install these products safely and in accordance with industry best practices and building code specifications. California Steel Panels & Buildings will not accept returns of S-5! Snow Guard parts for any reason.



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	1%	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	1%	1	VG		●	D	C		●	●		●	
10	Nu-Wave® Corrugated	●	●		●		●	32 (Roof), 34½ (Wall)	20-26	¾	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	o	●				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 not a cause for 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. Metal roofs in energy efficient cool colors 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.

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

LOWER INSURANCE COSTS. Roofs with impact-resistance certification may qualify for discounts.



Paint System Color Key		12" - Skyline Roofing®		16" - Skyline Roofing®		24" - 2½" Corrugated		24" - Delta Rib™		36" - Nor-Clad®		36" - Strata Rib®		36" - Delta Rib™ III		36" - PBR Panel		36" - Nu-Wave® Corrugated	
Dura Tech® xl (SMP)																			
ColorGuard 25 with Spectrascape® (Polyester)																			
Dura Tech® nt (SMP)																			
ZINCALUME® Plus (Unpainted with a clear acrylic coating)																			
Premium Color (Subject to upcharge)																			
Colors & Gauges		26	26	29	26	29	26	29	26	29	26	29	26	29	26	26	26	26	
ZINCALUME® Plus ³					1	WA													
Winter White								OR WA				WA							
Surf White								OR WA				OR WA							
Light Stone																			
Desert Beige								OR WA				WA							
Cascade Gray								OR				OR							
Taupe																			
Patina Steel																			
Chestnut Brown								OR WA				WA							
Classic Brown																			
Matte Black ²																			
Canyon Red																			
Rustic Red								OR WA				WA							
Old Town Gray								OR WA				WA							
Old Zinc Gray																			
Weathered Copper																			
Slate Gray																			
Tahoe Blue						WA				OR				OR					
Everglade																			
Denali Green								OR WA				WA							
Forest Green								OR WA				WA							
Copper Penny ³								OR WA				OR WA							
Natural Rust ³				1				WA				WA							
IronOx ⁴																		4	
Production Location Key		Salem		West Sacramento		West Sacramento, Spokane		West Sacramento		West Sacramento, Salem, Spokane		West Sacramento, Salem		West Sacramento, Salem		Salem		West Sacramento	
CA - West Sacramento, California																			
OR - Salem, Oregon																			
WA - Spokane, Washington																			



¹ Available in 32" net coverage only.

² Matte Black is not a rated product by the Cool Roof Rating Council (CRRC).

³ Color is batch sensitive (may have color variation) and is directional in nature. Different batches are not to be mixed on projects.

⁴ IronOx is black steel (uncoated and unpainted), that rusts naturally. No warranty. Only available in 22 gauge Nu-Wave® Corrugated.

We recommend requesting a physical sample to review color before ordering. We are not responsible for color variations.



calsteelroofing.com

Note - CRRC data is based on average color families and does not reflect the actual performance of each specific color. Therefore, under the LEED column header actual initial SRI values are provided to reflect actual performance of each color. If required, please note that color specific CRRC Notification of Product Rating letters can be produced upon request.

PRODUCT DESCRIPTION	CRRC and CA Title 24					CA Title 24	LEED								OTHER
	via CRRC product approvals (www.coolroofs.org)						via Accredited Independent Testing Laboratory (using ASTM C1549, C1371, & E1980)								
	CRRC Reference Number	Solar Reflect - ance (Init.)	Thermal Emitt - ance (Init.)	SRI Initial	SRI 3YR Aged		Solar Reflect - ance (Init.)	Thermal Emitt - ance (Init.)	SRI (Init.)	Low Slope	Steep Slope	3YR Aged SRI LEED v4 (Aged SRI)	Low Slope	Steep Slope	
	Based on CRRC Color Families						Actual tested performance			Leed V4 (Initial SRI)		Based on CRRC Color Families			
BARE ZINCALUME®															
ZINCALUME® Plus	1014-0002	0.68	0.30	64	46	REFER TO CALIFORNIA ENERGY COMMISSION (CEC) REQUIREMENTS	0.68	0.30	64		✓	46		✓	67
DURA TECH™ XL COLORS															
CANYON RED	0818-0024	0.35	0.83	35	35		0.42	0.84	45		✓	35		✓	16
CASCADE GRAY	0818-0062	0.35	0.83	35	35		0.51	0.85	58		✓	35		✓	41
CHESTNUT BROWN	0818-0034	0.32	0.83	31	31		0.35	0.83	36			31			12
CLASSIC BROWN	0818-0041	0.25	0.83	22	22		0.29	0.84	29			22			7
COPPER PENNY	0818-0032	0.35	0.75	32	32		0.48	0.83	53		✓	32		✓	28
DENALI GREEN	0818-0028	0.25	0.83	22	22		0.30	0.83	29			22			11
DESERT BEIGE	0818-0042	0.45	0.83	49	48		0.51	0.84	58		✓	48		✓	39
EVERGLADE	0818-0043	0.32	0.83	31	31		0.34	0.85	35			31			19
FOREST GREEN	0818-0029	0.32	0.83	31	31		0.35	0.85	36			31			8
LIGHT STONE	0818-0033	0.55	0.83	63	60		0.60	0.84	70		✓	60		✓	53
MATTE BLACK		(no data)					(no data)								5
OLD TOWN GRAY	0818-0039	0.35	0.83	35	35		0.40	0.84	43		✓	35		✓	27
OLD ZINC GRAY	0818-0051	0.35	0.83	35	35		0.40	0.84	43		✓	35		✓	22
PATINA STEEL	0818-0061	0.32	0.83	31	31		0.37	0.85	38			31			17
RUSTIC RED	0818-0031	0.35	0.83	35	35		0.40	0.84	43		✓	35		✓	13
SLATE GRAY	0818-0040	0.25	0.83	22	22		0.32	0.85	32			22			13
SURF WHITE	0818-0036	0.55	0.83	63	60		0.63	0.84	74		✓	60		✓	59
TAHOE BLUE	0818-0027	0.25	0.83	22	22		0.33	0.84	33			22			14
TAUPE	0818-0025	0.45	0.83	49	48	0.48	0.83	53		✓	48		✓	28	
WEATHERED COPPER	0818-0035	0.32	0.83	31	31	0.32	0.83	32			31			11	
WINTER WHITE	0818-0044	0.70	0.83	84	75	0.73	0.83	88	✓	✓	75	✓	✓	74	

^A - Reflectivity data for Bare ZINCALUME is actual 3 year weathered solar reflectivity data.



California Steel Panels & Buildings offers a variety of metal roofing and metal siding colors designed to help make your project a success. Our Cool Roof Rating Council (CRRCC) accredited metal roofing colors include cool pigmentation to improve building energy efficiency. Our long warranties on our metal roofing colors, including a limited lifetime warranty for residential applications, provide comprehensive peace of mind.

Explore the various paint systems we offer to identify which one is best for your metal project.



Economical standard colors in our polyester (POLY) paint system.



Standard Residential Colors in our silicone-modified polyester (SMP) paint system.



Standard Commercial Colors in our silicone-modified polyester (SMP) paint system.



Standard Architectural Colors in our premium 70% fluoropolymer (PVDF) paint system.



Standard Architectural Metallic Colors in our premium 70% fluoropolymer (PVDF) pearlescent paint system.

Understanding The Three Different Paint Systems

PAINT SYSTEM	POLY	SMP	PVDF
Full Name	Standard Polyester	Silicone Modified Polyester	Polyvinylidene Fluoride
Overall	Good	Better	Best
Price Point	Lowest	Moderate	Higher
Warranty	25 Year Limited	Limited Lifetime Residential 25 Year Non-Residential	Limited Lifetime Residential 40 Year Non-Residential
Durability	Limited to Good	Medium to High	Highest
Application	Agricultural & Industrial Buildings	Residential & Commercial	High-End, Architectural, & Commercial
Brands	ColorGuard 25 with Spectrascape®	Dura Tech® xl Dura Tech® nt	Dura Tech® 5000 Dura Tech® mx



CALIFORNIA STEEL PANELS & BUILDINGS

BUILD WITH CONFIDENCE

Metal roofing, steel siding, trim, fasteners and building components

(209) 745-2933

CALSTEELROOFING.COM

Galt, California

SERVING HOMEOWNERS, CONTRACTORS, RANCHERS, FARMERS & BUSINESSES