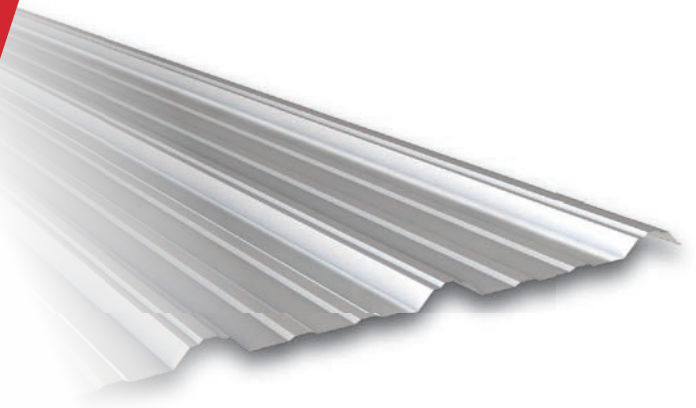


CS/AP PANELS

Specifications and Color Options

Superior materials make the difference...

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



Antique Bronze (AQ)



Ash Gray (AG)



Charcoal Gray (CG)



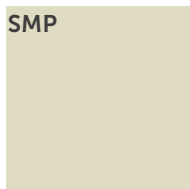
Cherokee (CK)



Emerald Green (EG)



Fieldstone (FS)



Almond White (AW)



Frost White (FW)



Royale Blue (RB)



Sierra Madre (SM)

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

Polyvinylidene Fluoride (PVDF) Finish

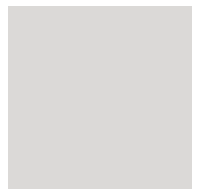
Chief's PVDF finish is made with polyvinylidene fluoride resin, where a minimum of 70% of the resin is PVDF. This unique chemistry is combined with acrylic resin, as well as ceramic and select inorganic pigmentation. The result is a proven ability to resist ultraviolet radiation in sunlight for maximum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

Silicone Modified Polyester (SMP)

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

White Polyester (WP)

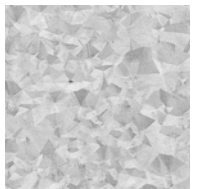
Chief's White Polyester is an economical finish intended for interior applications only and is a non-warranty product. Ideal for interior liner panels when. [Available in 29 ga. only.](#)



White Polyester (WP)

Acrylic Coated Galvalume® (GM)

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



Galvalume (GM)

Since all color applications are affected by age, lighting conditions, heat, and mechanical coating or printing processes, the color represented on this page may vary slightly in color or finish from the actual product. Oil canning in the flat areas of panels is inherent of coil steel products and shall not be a cause for product refusal.

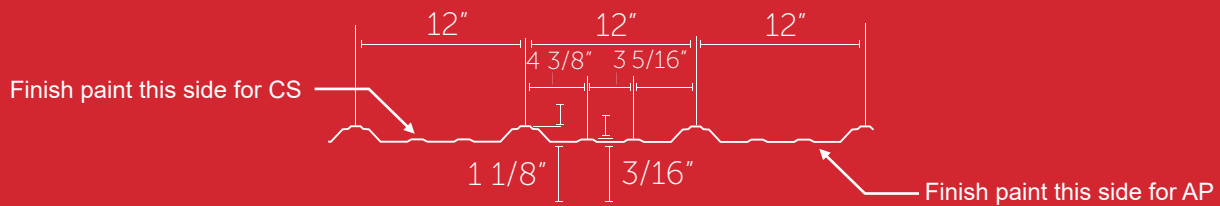


Chief's Finish Warranties:

PVDF Panel Finish Limited Warranty - 35 year | SMP Panel Finish Limited Warranty - 30/40year | Galvalume® Panel Limited Warranty - 25 year



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Note: Dimensions are nominal.

Ribbed Roof Panel

- Roll-formed profile shall be CS (Chief Standard) configuration as manufactured by Chief Buildings. Panels shall have 1 1/8" deep major ribs spaced at 12" on center, with minor ribs between major ribs. Each panel shall provide a net coverage width of 36".
- Panels shall be manufactured from 26 gauge or 24 gauge, 80,000 PSI material.
- Provide roof panel assemblies with permanent resistance to air leakage through assembly of not more than 0.005 cfm/sf of fixed roof area when tested according to ASTM E1680 at a static pressure differential of 6.24 psf.
- Provide roof panel assemblies with no water penetration as defined in the test method when tested according to ASTM E1646 at a static pressure differential of 12.0 psf.
- Provide roof panel assemblies with UL Class 30, 60, or 90 uplift rating in accordance with UL 580 "Tests for Uplift Resistance of Roof Assemblies".
- Provide roof panel assemblies with UL Class A Fire Rating in accordance with UL 790 "Test Methods for Fire Tests of Roof Coverings".
- Provide roof panel assemblies with UL Class 4 Impact Rating in accordance with UL 2218 "Impact Resistance of Prepared Roof Covering Material".
- Panels shall be one piece for slope lengths less than 40'. Endlaps, if required, shall be 8" and occur at a purlin.
- Panel finish shall be acrylic coated Galvalume® AZ55 coating in accordance with ASTM A792.

OR

Substrate shall be Galvalume® AZ50 coating in accordance with ASTM A792. Sheets shall be coated with a fluoropolymer topcoat containing not less than 70% polyvinylidene fluoride (PVDF) over primer with total DFT of 0.8-1.0. The reverse side shall be coated with pigmented polyester. Exterior color to be selected from Chief standard color choices.

OR

Substrate shall be Galvalume® AZ50 coating in accordance with ASTM A792. Panels shall be coated with a silicone-modified polyester (SMP) topcoat using ceramic and inorganic pigments over high performance primer with total DFT of 0.9 - 1.1. The reverse side shall be coated with pigmented backing. Exterior color to be selected from Chief standard color choices.

Exterior Wall Panel

- Roll-formed profile shall be CS (Chief Standard) or AP (Architectural Panel) configuration as manufactured by Chief Buildings. Panels shall have 1 1/8" deep major ribs spaced at 12" on center, with minor ribs between major ribs. Each panel shall provide a net coverage width of 36".
- Manufactured from 26 gauge or 24 gauge, 50,000 PSI or 80,000 PSI material.
- Provide wall panel assemblies (when installed with mastic in the walls) with permanent resistance to air leakage through assembly of not more than 0.006 cfm/sf of fixed wall area when tested according to ASTM E283 at a static pressure differential of 6.24 psf.
- Provide wall panel assemblies (when installed with mastic in the walls) with no water penetration as defined in the test method when tested according to ASTM E331 at a static pressure differential of 12.0 psf.
- Substrate shall be Galvalume® AZ50 coating in accordance with ASTM A792.
- Sheets shall be coated with a fluoropolymer topcoat containing not less than 70% polyvinylidene fluoride (PVDF) over primer with total DFT of 0.8-1.0. The reverse side shall be coated with pigmented polyester. Exterior color to be selected from Chief standard color choices.

OR

Substrate shall be Galvalume® AZ50 coating in accordance with ASTM A792. Panels shall be coated with a silicone-modified polyester (SMP) topcoat using ceramic and inorganic pigments over high performance primer with total DFT of 0.9 - 1.1. The reverse side shall be coated with pigmented backing. Exterior color to be selected from Chief standard color choices.

Color	Initial SRI	Aged SRI
Almond White		
Antique Bronze	33	39
Ash Gray	53	52
Charcoal Gray	35	35
Cherokee	39	35
Emerald Green	30	29
Fieldstone	48	47
Frost White	78	79
Royale Blue	29	29
Sierra Madre	63	60
Galvalume	62	39

SRI is calculated in accordance to ASTM E 1980 with medium wind speed. The SHERWIN-WILLIAMS COMPANY certifies these tests to be true and accurate and performed by our laboratory. F- Cert Aged 2019-481Rc, Rev.05/16/2018

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

