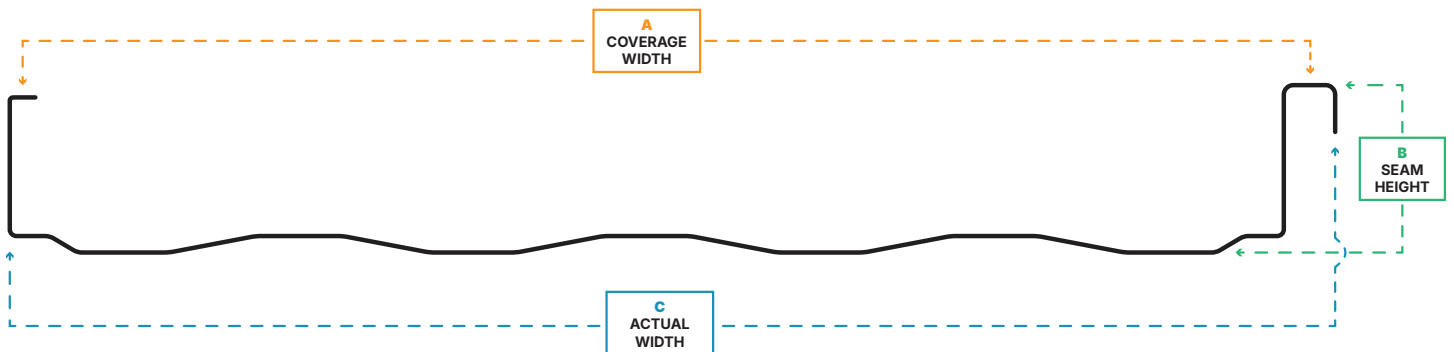




The Platinum Pro is a 1.5" double-lock standing seam panel that combines mechanical seaming with a concealed clip system for secure, long-term performance. Its architectural design supports thermal movement and offers a clean, refined appearance.

PANEL PROFILE MEASUREMENTS

Models	A Coverage Width	B Seam Height	C Actual Width
PP1-W12	12"	1 1/2"	12 3/8"
PP1-W16	16"	1 1/2"	16 3/8"
PP1-W18	18"	1 1/2"	18 3/8"



PANEL INTERLOCKING

MECHANICAL SEAM

Standard Seam Method



VICE LOCK SEAM

For Low Slope Roofs



PANEL PROFILE OPTIONS

FLAT PROFILE

*Subject to Oil-Canning on longer runs



MINOR STRIATIONS



MAJOR STRIATIONS

*Recommended



PANEL DATA

Min. Panel Length	36"
Max. Panel Length	50' / Custom
Min. Required Slope	1 : 12

Gauge Options	22 / 24 / 26
Material Options	AZ50 / AM50 Galvalume® AZ55 / AM55 Galvalume® Aluminum
Profile Options	Flat / Minor Striations / Major Striations (*Recommended)

Tapered Panels?	Yes [standard]
Radiused Panels?	Yes [standard]
Stiffening Ribs?	Yes [optional]
Standard Panel Surface?	Smooth

PANEL GAUGE / COLOR / WARRANTY OPTIONS

Material	Gauge Options	Colors	Included Warranties	Optional Warranties
AZ50 / AM50 Galvalume®	26	Select Colors (SMP)	40 Yr Limited Lifetime + *10 Yr Weather Tight	*15 / *20 Yr Weather Tight
AZ50 / AM50 Galvalume®	22 / 24	Deluxe Colors (PVDF)	40 Yr Limited Lifetime + *10 Yr Weather Tight	*15 / *20 Yr Weather Tight
AZ55 / AM55 Galvalume®	22 / 24 / 26	Galvalume (Acrylic Coating)	20 Yr Limited Lifetime + *10 Yr Weather Tight	*15 / *20 Yr Weather Tight

*Requires installation being done by a Platinum Certified Contractor

VIEW COLOR OPTIONS



PANEL TECHNICAL SPECIFICATIONS

Specification	Rating
Uplift Resistance	UL 580 Class 90
Structural Performance	ASTM E330 and E1592
Air Filtration	ASTM E283
Water Penetration	ASTM E331, E1646 and E1680
Fire Rating	UL Class A Rated Assemblies, UL 263 and UL 790

Specification	Rating
Hail Impact Rating	Class 4, UL 2218
Florida Building Code	TAS 125 (UL 90) Approved
Submersion	TAS 114
Impact Resistance	TAS 201

NOTE: Testing is not applicable for all combinations of substrates, materials, and dimensions. All construction assemblies must be installed in accordance with the testing assembly.

STORAGE & HANDLING GUIDELINES

Platinum Metals panels should always be stored in a dry, well-ventilated area, away from any sources of moisture. Exposure to rain, snow, condensation, or other forms of moisture trapped between stacked panels can lead to water staining or the formation of white rust—both of which can shorten the life of the product and compromise its appearance. If outdoor storage is necessary, be sure to cover the panels with a breathable material like a ventilated canvas or waterproof paper. Avoid using plastic coverings, as they can trap moisture and promote condensation. Keep panels elevated off the ground using wood or another non-reactive support, and store them at a slight angle to allow for drainage. Additionally, avoid prolonged exposure to direct sunlight if panels have protective film, as UV rays can cause the film to deteriorate or become brittle over time.

GENERAL USE & PRECAUTIONS

Platinum Metals panels are designed for efficient installation and long-term performance when handled and applied properly. Please follow these guidelines to ensure optimal results and preserve the integrity of the product:

- Must be installed in a sequential pattern.
- Application of an approved underlayment is recommended when installing over a solid substrate.
- Install in accordance with industry-recognized sheet metal practices.
- Cut, form, and fasten using conventional hand or power tools.
- Cutting tool edges should be sharp, clean, properly dressed, and well-aligned for best results.
- Fabrication and installation can be done with strippable plastic film in place; remove film from areas that will be concealed or joined.
- Protective film may degrade or become brittle with sun exposure and should be removed immediately.
- Not recommended for areas prone to high abrasion or mechanical damage.
- Panels are pre-finished; use care during handling and installation to avoid surface damage.
- Maintain good housekeeping practices throughout the installation process.
- Avoid dragging panels across surfaces to prevent scratching or marring the finish.
- Intended for general sheet metal use in building applications.
- Do not cut with power saws or abrasive blades.

METAL SPECIFICATIONS & PAINT FINISHES

Material	Thickness	Specifications	Paint & Finishes
Aluminum	0.024 in. 0.60 mm	Base Metal: Aluminum Thermal Expansion: 12.6×10^{-6} in/in/F° ($22.2 \text{ m/m.K} \times 10^{-6}$)	One of the following: (PVDF) Durapon 70® (PVDF) Kynar® 500
Aluminum	0.032 in. 0.81 mm	Base Metal: Aluminum Thermal Expansion: 12.6×10^{-6} in/in/F° ($22.2 \text{ m/m.K} \times 10^{-6}$)	One of the following: (PVDF) Durapon 70® (PVDF) Kynar® 500
Galvalume® Steel	28 ga. .0187 in. .475 mm	Base Metal: AZ55 Galvalume® Thermal Expansion: 06.7×10^{-6} in/in/F° Modules of Elasticity: 29,000 ksi (200 GPa) Coating Weight: 0.55 oz/ft² Fire Resistance: Non-Combustible, Class A	Acrylic Clear Coat
Galvalume® Steel	28 ga. .0187 in. .475 mm	Base Metal: AM Galvalume® Thermal Expansion: 06.7×10^{-6} in/in/F° Modules of Elasticity: 29,000 ksi (200 GPa) Coating Weight: 0.50 oz/ft² Fire Resistance: Non-Combustible, Class A	(SMP) COLORBOND®
Galvalume® Steel	26 ga. .0217 in. .551 mm	Base Metal: AZ55 Galvalume® Thermal Expansion: 06.7×10^{-6} in/in/F° Modules of Elasticity: 29,000 ksi (200 GPa) Coating Weight: 0.55 oz/ft² Fire Resistance: Non-Combustible, Class A	Acrylic Clear Coat
Galvalume® Steel	26 ga. .0217 in. .551 mm	Base Metal: AM Galvalume® Thermal Expansion: 06.7×10^{-6} in/in/F° Modules of Elasticity: 29,000 ksi (200 GPa) Coating Weight: 0.50 oz/ft² Fire Resistance: Non-Combustible, Class A	(SMP) COLORBOND®
Galvalume® Steel	24 ga. .0276 in. .701 mm	Base Metal: AZ55 Galvalume® Thermal Expansion: 06.7×10^{-6} in/in/F° Modules of Elasticity: 29,000 ksi (200 GPa) Coating Weight: 0.55 oz/ft² Fire Resistance: Non-Combustible, Class A	Acrylic Clear Coat
Galvalume® Steel	24 ga. .0276 in. .701 mm	Base Metal: AZ50 Galvalume® Thermal Expansion: 06.7×10^{-6} in/in/F° Modules of Elasticity: 29,000 ksi (200 GPa) Coating Weight: 0.50 oz/ft² Fire Resistance: Non-Combustible, Class A	One of the following: (PVDF) Durapon 70® (PVDF) Kynar® 500 (PVDF) Hylar® 5000 (PVDF) PAC-CLAD
Galvalume® Steel	22 ga. .0187 in. .475 mm	Base Metal: AZ55 Galvalume® Thermal Expansion: 06.7×10^{-6} in/in/F° Modules of Elasticity: 29,000 ksi (200 GPa) Coating Weight: 0.55 oz/ft² Fire Resistance: Non-Combustible, Class A	Acrylic Clear Coat
Galvalume® Steel	22 ga. .0187 in. .475 mm	Base Metal: AZ50 Galvalume® Thermal Expansion: 06.7×10^{-6} in/in/F° Modules of Elasticity: 29,000 ksi (200 GPa) Coating Weight: 0.50 oz/ft² Fire Resistance: Non-Combustible, Class A	One of the following: (PVDF) Durapon 70® (PVDF) Kynar® 500 (PVDF) Hylar® 5000 (PVDF) PAC-CLAD

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