Platinum Metals

PP2

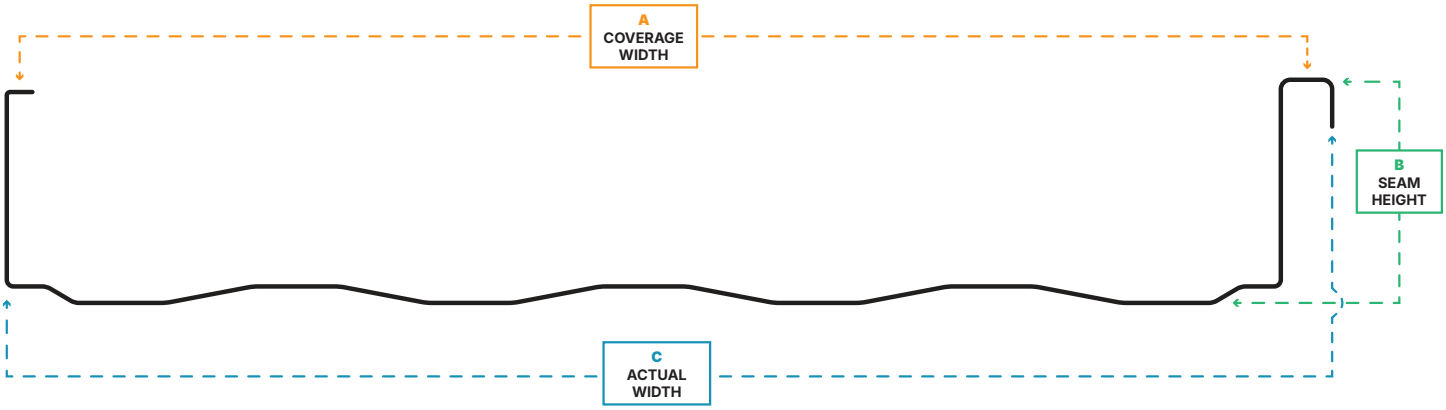
PLATINUM PRO II STANDING SEAM PANEL

TECHNICAL INFORMATION SHEET | TIS

Platinum Pro II is a 2" standing seam system designed for both architectural and structural applications. It provides a classic profile with added strength for projects requiring higher wind-load resistance.

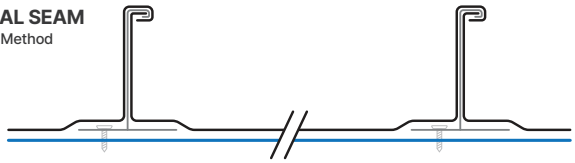
PANEL PROFILE MEASUREMENTS

PP2 Models	A | Coverage Width	B | Seam Height	C | Actual Width
PP2-W12	12"	2"	12 3/8"
PP2-W16	16"	2"	16 3/8"
PP2-W18	18"	2"	18 3/8"

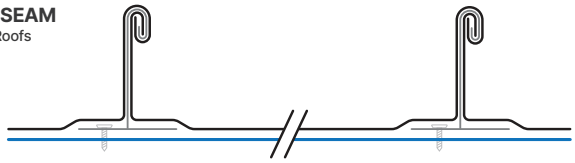


PANEL INTERLOCKING

MECHANICAL SEAM
Standard Seam Method



VICE LOCK SEAM
For Low Slope Roofs

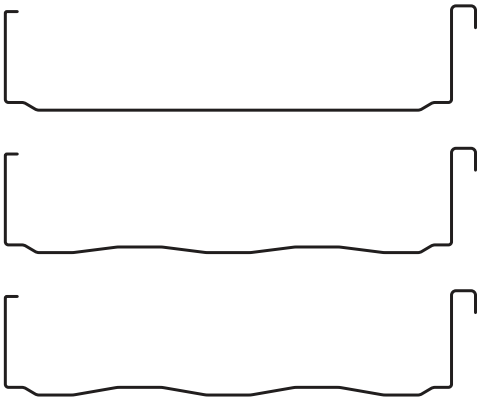


PANEL PROFILE OPTIONS

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

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

Gauge Options	22 / 24 / 26
Material Options	AZ50 Galvalume® | AZ55 Galvalume® | Aluminum
Profile Options	Flat / Minor Striations / Major Striations (*Recommended)
Interlocking Options	Mechanical Seam (standard) / Vice Lock Seam (for Low Slope Roofs)

PANEL GAUGE / COLOR SERIES / WARRANTY OPTIONS

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

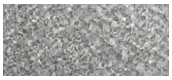
Specification	Rating
Uplift Resistance	UL 580 Class 90
Structural Performance	ASTM E330 and E1592
Air Filtration	ASTM E283
Water Penetration	ASTM E331, E1646 and E1680
Fire Rating	UL Class A Rated Assemblies, UL 263 and UL 790

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.

22 GAUGE COLOR OPTIONS

Below are the available color options for all 22ga products. These are part of our **DELUXE SERIES** colors.
All 22ga Deluxe Series colors are **PVDF** coatings with the exception of Galvalume. Galvalume is an Acrylic Coating **>>**
All 22ga colors are **STANDARD** colors. We currently do not offer any premium 22ga colors.


Galvalume

22ga STANDARD Deluxe Colors


Deep Black


Matte Black


Charcoal Gray


Slate Gray

Almond

Bone White

Sandstone


Sierra Tan


Medium Bronze


Dark Bronze

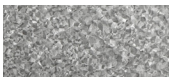

Mansard Brown


Hartford Green

DISCLAIMER: the colors shown in this literature are representations and may not be exact due to variations in printing and screen display. For the most accurate color matching, we recommend ordering metal swatches before making a final decision.

24 GAUGE COLOR OPTIONS

Below are the available color options for all 24ga products. These are part of our **DELUXE SERIES** colors.
All 24ga Deluxe Series colors are **PVDF** coatings with the exception of Galvalume. Galvalume is an Acrylic Coating **>>**
All 24ga Deluxe Series colors below are separated between **STANDARD** and **$PREMIUM** colors.


Galvalume

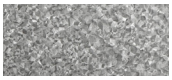
24ga STANDARD Deluxe Colors

24ga $PREMIUM Deluxe Colors

DISCLAIMER: the colors shown in this literature are representations and may not be exact due to variations in printing and screen display. For the most accurate color matching, we recommend ordering metal swatches before making a final decision.

26 GAUGE COLOR OPTIONS

Below are the available color options for all 26ga products. These are part of our **SELECT SERIES** colors.
All 26ga Select Series colors are **SMP** coatings with the exception of Galvalume. Galvalume is an Acrylic Coating **>>**
All 26ga Select Series colors below are separated between **STANDARD**, Ⓢ **PREMIUM**, and Ⓢ **NATURAL** colors.


Galvalume

26ga STANDARD Select Colors


Ash Gray


Black


Bone White

Bright White


Burgundy


Burnished Slate


Charcoal


Cocoa Brown


Dark Red


Desert Sand


Gallery Blue


Driftwood


Evergreen


Hawaiian Blue

Ivory


Light Gray


Light Stone


Rustic Red


Sahara Tan


Slate


Taupe

26ga Ⓢ PREMIUM Select Colors


Ash Gray Frost


Black Frost


Burgundy Frost


Burnished Slate Frost


Charcoal Frost


Cocoa Brown Frost


Evergreen Frost


Gallery Blue Frost


Rustic Red Frost


Black Matte

Bright White Matte


Bronze Matte


Burgundy Matte


Charcoal Matte


Evergreen Matte


Gallery Blue Matte


Rustic Red Matte


Copper Penny

Patina Green

26ga Ⓢ NATURAL Select Colors

Aspen

Smokehouse

Driftwood

DISCLAIMER: the colors shown in this literature are representations and may not be exact due to variations in printing and screen display. For the most accurate color matching, we recommend ordering metal swatches before making a final decision.

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 m/m.K x 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 m/m.K x 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:** 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	(SMP) CERAM-A-STAR 1050®
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:** 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	(SMP) CERAM-A-STAR 1050®
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