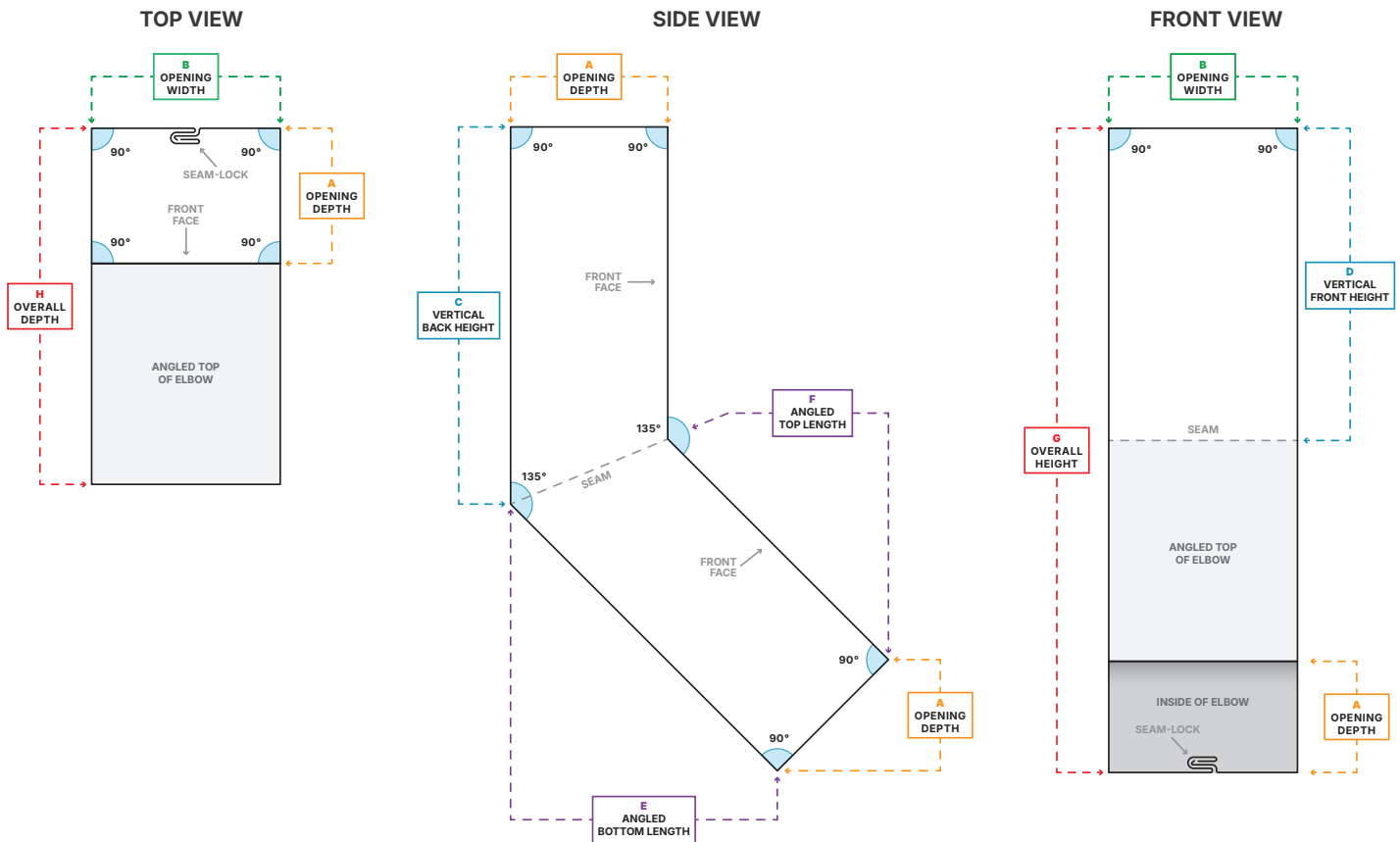


The Platinum Metals CGS-45ELB is a 45-degree commercial-grade elbow designed to work with both CDS and ODS downspout systems. Available in both A-style and B-style configurations, it provides a smooth, angled transition for directing water flow around building features or architectural offsets.

## PROFILE MEASUREMENTS

Models	A	B	C	D	E	F	G	H
CGS-45ELB34	3"	4"	12"	6 5/8"	12"	6 5/8"	13 5/8"	7 1/2"
CGS-45ELB44	4"	4"	12"	6 5/8"	12"	6 5/8"	13 5/8"	7 1/2"
CGS-45ELB45	4"	5"	12"	8 1/4"	12"	8 1/4"	17 1/8"	9 3/8"
CGS-45ELB55	5"	5"	12"	8 1/4"	12"	8 1/4"	17 1/8"	9 3/8"
CGS-45ELB46	4"	6"	12"	9 7/8"	12"	9 7/8"	20 1/2"	11 1/4"
CGS-45ELB56	5"	6"	12"	9 7/8"	12"	9 7/8"	20 1/2"	11 1/4"
CGS-45ELB66	6"	6"	12"	9 7/8"	12"	9 7/8"	20 1/2"	11 1/4"
CGS-45ELB88	8"	8"	12"	13 1/4"	12"	13 1/4"	27 3/8"	15"



## PROFILE DATA

Length	10' 3" [standard] / Custom
Styles	A and B

Gauge Options	22 / 24 / 26
Material Options	AZ50 / AM50 Galvalume®   AZ55 / AM55 Galvalume®   Aluminum

## PROFILE GAUGE / COLOR OPTIONS

Material	Gauge Options	Colors
AZ50 / AM50 Galvalume®	26	Select Colors (SMP)
AZ50 / AM50 Galvalume®	22 / 24	Deluxe Colors (PVDF)
AZ55 / AM55 Galvalume®	22 / 24 / 26	Galvalume (Acrylic Coating)

VIEW COLOR OPTIONS



## PROFILE TECHNICAL SPECIFICATIONS

Specification	Rating
Uplift Resistance	UL580 Class 90
Fire Rating	UL Class A Rated Assemblies, UL 263 and UL 790

**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: $12.6 \times 10^{-6}$ 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: $12.6 \times 10^{-6}$ 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: $06.7 \times 10^{-6}$ 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: $06.7 \times 10^{-6}$ 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: $06.7 \times 10^{-6}$ 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: $06.7 \times 10^{-6}$ 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: $06.7 \times 10^{-6}$ 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: $06.7 \times 10^{-6}$ 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: $06.7 \times 10^{-6}$ 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: $06.7 \times 10^{-6}$ 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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