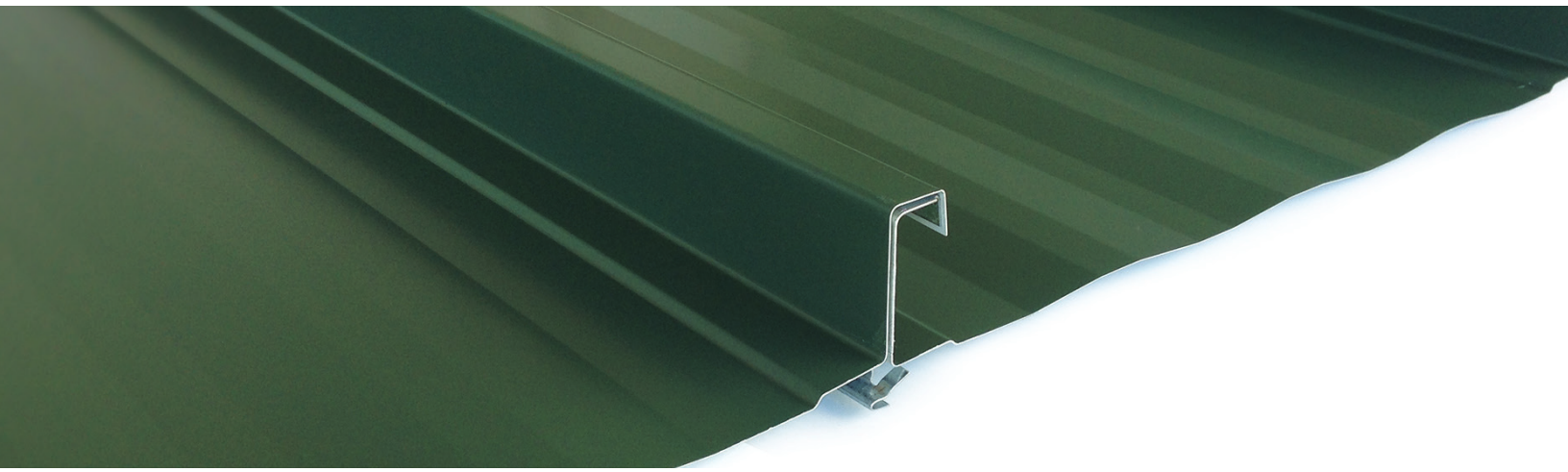
ASCENT BUILDINGS

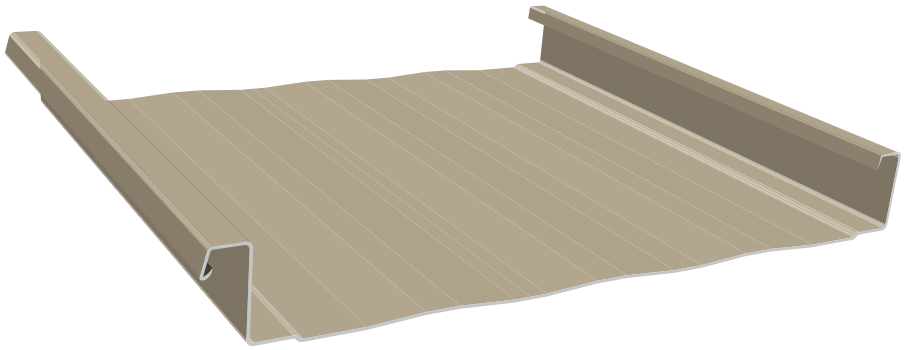


Central Span *standing seam*

Central Span is a mechanically-seamed metal panel. It has a standard flat pan with mild striations and a vertical rib, giving it an appearance often favored by traditional architects. Central Span roofs meet the requirements for a wide range of roof slopes, shapes, loads, weather, and related conditions.

- One of the highest uplift ratings in the industry.
- Factory applied sealant.
- Clip provides for thermal movement.
- 90° or 180° seam.

RECOMMENDED ¼:12 PITCH AND ABOVE	24 GAUGE	16" OVERALL COVERAGE	2" MAXIMUM RIB HEIGHT



Choose an energy efficient finish.

Solar Reflectivity is the metal panel's ability to reflect sunlight. This characteristic of metal roofing is the most important in terms of energy savings. Cool metal roofing reflects much of the sun's rays, making the surface of the metal much cooler than material with a lower solar reflectivity rating.

Emissivity is the metal panel's ability to release absorbed heat. A low emissivity rating means the material will be hot to the touch (it doesn't release the heat), while material with a higher emissivity rating will be cooler to the touch. Therefore, metal with a low emissivity rating retains heat and may be more desirable for a cooler climate, while a high emissivity rating reflects heat and is more effective for saving energy in a warmer climate.

COLOR	INITIAL SOLAR REFLECTIVITY	INITIAL EMISSIVITY
Ash	0.32	0.83
Autumn	0.21	0.87
Brite	0.55	0.83
Bronze	0.25	0.83
Dark Bronze	0.25	0.83
Evergreen	0.27	0.85
Galvalume® (Acrylic Coated)	0.77	0.08
Sand	0.35	0.75
Slate Gray	0.18	0.87
Smoke	0.25	0.83
Terratone	0.32	0.83
Tudor	0.29	0.88
Verdigris	0.32	0.83

Solar reflectance values are determined by means of a solar spectrum reflectometer in accordance with ASTM C 1549. Thermal emittance values are determined in accordance with ASTM C 1371. Laboratory and Exposure site are ISO 17025 Accredited, Laboratory is also EPA Accredited. Panels are unwashed. Values are correct at time of printing. Ratings may change as paint technologies change. Check our website for details.

MINIMUM SPECIFICATIONS
FOR PRIME PAINTED PANELS

GAUGE
24 ga.

STEEL THICKNESS
0.023"

PAINT THICKNESS
Top coat paint: .70 mil
Top coat primer: .30 mil
Bottom coat backer: .35 mil
Bottom coat primer: .20 mil

TOTAL THICKNESS
0.02455"

RUST PROTECTANT SUBSTRATE
Galvalume® AZ50

STEEL STRENGTH
50,000 PSI min

PAINT SYSTEM
Fluropon®

WARRANTY
Lifetime limited paint adhesion
30-yr. chalk and fade
20-yr. Galvalume perforation

TESTING & APPROVALS

TESTING

FM4471	Foot Traffic Resistance Test
ASTM-E1680	Air Leakage Test Through Exterior Metal Roof Panel
ASTM-E1646	Water Leakage Test of Exterior Metal Roof Panel
ASTM-E1592	Structural Test for Roof Systems, 24 ga.
ASTM-E2140	Water Penetration by Static Water Pressure Head

APPROVALS

UL2218	UL Approval, Impact Resistance, Class 4
UL580	UL Approval, Uplift Resistance, Class 90
UL790	UL Approval, Fire Resistance, Class A
RC-446	Texas Windstorm Approval, 24 ga. Quad Lock, Over Steel Purlins
RC-447	Texas Windstorm Approval, 24 ga. Triple Lock, Over Steel Purlins
FL17205	Florida Approval, 16" wide, min 24 ga. Standing Seam Panel over open supports
FL14016	Florida Approval, 24 ga. Roof Panel Over Open Supports (NON-HVHZ)