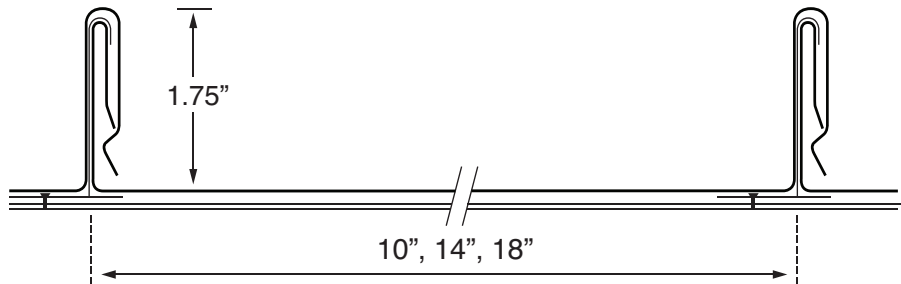


Description:

The Everlast Metals SSL-175 system is a high-performance architectural/structural standing seam metal roof system with customizable coverage. This panel features a snap-lock 1 3/4" seam height with minor ribs or striations available, and can accommodate up to 4" of blanket insulation.



General Use & Method of Application:

Everlast Metals SSL-175 panels must be installed in a sequential pattern. Application of a Everlast Metals approved underlayment prior to panel installation is recommended when installed over a solid substrate.

- Install in accordance with industry-recognized sheet metal practices.
- Cut, form, and fasten using conventional hand or power tools.
- For best results cutting tool edges should be kept sharp, clean, properly dressed, and closely aligned.
- Fabrication and erection can be accomplished with strippable plastic film in place. Film should be removed from areas of concealed or joined pieces.

Storage:

Everlast Metals metal panels should be stored in a well-ventilated, dry place where no moisture can contact them. Moisture (from rain, snow, condensation, etc.) trapped between layers of material may cause water stains or white rust, which can affect the service life of the material and will detract from its appearance. If outdoor storage cannot be avoided, protect the panels with a ventilated canvas or waterproof paper cover. Do not use plastic, which can cause condensation. Keep the material off the ground in an inclined position with an insulator such as wood. Protective film may degrade or become brittle with long-term exposure to direct sunlight.

Precautions:

- Protective film may degrade or become brittle with exposure to direct sunlight. Therefore, it must be removed immediately.
- Product should not be used in areas of high abrasion or where it is subject to mechanical damage.
- Product is pre-finished material; care must be exercised during fabrication and erection to avoid surface damage.
- Everlast Metals recommends a minimum bend radius of 2T for .032 materials. Anything less than these minimum bend radii can cause crazing to the material.
- Attention should be paid to good house-keeping practices.
- Avoid dragging sheets over surfaces which may scratch or mar the finish.
- For general sheet metal use in building applications.
- Do not cut with power saws or abrasive blades.

Manufacturing Location:

Lebanon, PA

Product Size:

Panel Widths:	10", 14", 18", Custom
Overall Coverage:	+ or - 1/4"
Seam Height:	1.75"
Minimum Panel Length:	4'
Maximum Panel Length:	40', Custom

Product Data:

Minimum Slope:	1:12
Tapered Panels:	Yes
Radiused Panels:	No
Stiffening Ribs:	Optional
Striations:	Optional
Standard Panel Surface:	Smooth

Technical Information:

Uplift Resistance:	UL 580 Class 90
Structural Performance:	ASTM E330, E72, E1592
Air Infiltration:	ASTM E283
Water Penetration:	ASTM E331 and E1646
Fire Rating:	UL Class A Rated Assemblies, UL 263 and UL 790
Hail Impact Rating:	Class 4, UL 2218
Florida Building Code:	Approved
Impact Resistance:	PA 201
Wind-Driven Rain	TAS 100

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. Please refer to the Product Specifications on the Everlast Metals website for tested assemblies and code listings.

Material and Thickness:	Metal Specification:	Available Finishes:
Aluminum 0.032" (0.81 mm)	Base Metal: Aluminum Minimum Yield: 21 KSI (145MPa) Thermal Expansion: 12.6×10^{-6} in/in/F° ($22.2 \text{ m/m.K} \times 10^{-6}$)	Synergy™ Fluoropon® Unpainted/Mill Finish
Galvanized Steel 26 ga. (0.48 mm) 24 ga. (0.64 mm) 22 ga. (0.75 mm)	Mod. Of Elasticity: $10.0 \times 10^3 \times \text{KSI}$ (68.9 MPa) Base Metal: AISA-G90 Galvanized Steel Thermal Expansion: 06.7×10^{-6} in/in/F° ($13.9 \text{ m/m.K} \times 10^{-6}$) Mod. Of Elasticity: $29.0 \times 10^6 \times \text{KSI}$ (200 GPa)	G90- Clear Acrylic Coated Synergy™ Fluoropon®
Galvalume® Steel 26 ga. (0.46 mm) 24 ga. (0.64 mm)	Base Metal: AZ50 Galvalume® Steel Thermal Expansion: 06.7×10^{-6} in/in/F° ($13.9 \text{ m/m.K} \times 10^{-6}$) Mod. Of Elasticity: $29.0 \times 10^6 \times \text{KSI}$ (200 GPa)	Acrylume®- Clear Acrylic Coated Synergy™ Fluoropon®

Please contact Everlast Metals (800) 418-5057 for further information.

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