Description:
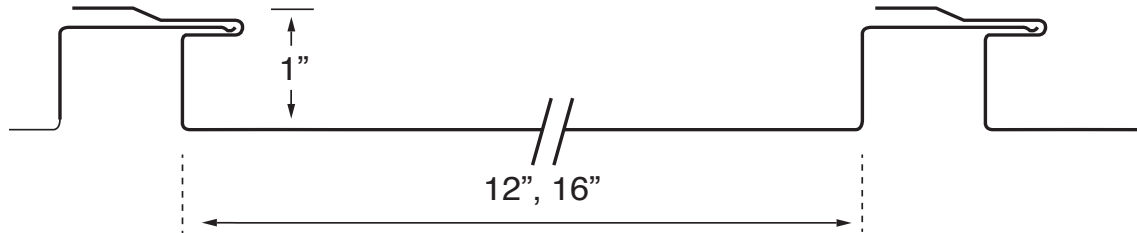
The Everlast Metals RP-100 Reveal Panel System provides versatility for use as both soffit and wall applications. Wall panels are available with optional minor ribs, pencil ribs, and striations, and soffit panels offer v-grooves, available with or without ventilation. The RP-100 hidden fastener system create a flush application appearance. Add an optional factory-applied sealant to provide increased weather tolerance.

1"

12", 16"

General Use & Method of Application:

Everlast Metals RP-100 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.
- 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.
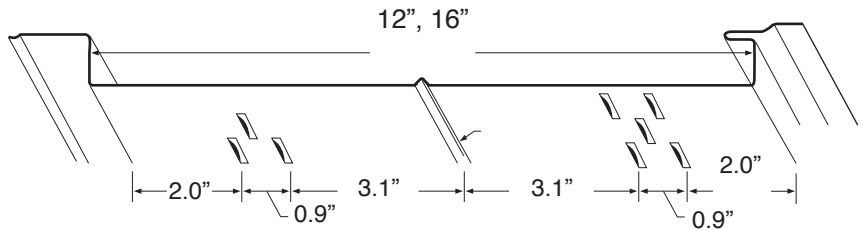- Do not cut with power saws or abrasive blades.

Manufacturing Location:

Lebanon, PA

Product Size:

Panel Widths:	12", 16"
Seam Height:	1"
Minimum Panel Length:	4'
Maximum Panel Length:	20'

12", 16"

2.0"   0.9"   3.1"   3.1"   0.9"   2.0"

Product Data:

Tapered Panels:	No
Radiused Panels:	No
Stiffening Ribs:	Optional
Striations:	Optional
Standard Panel Surface:	Smooth
Ventilation:	Optional

Technical Information:

Uplift Resistance:	UL 580 Class 90
Fire Rating:	UL Class A Rated Assemblies, UL 263 and UL 790
Hail Impact Rating:	Class 4, UL 2218

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 Thermal Expansion: 12.6×10^{-6} min/in/F (22.2 m/m.K $\times 10^{-6}$)	Anodized Synergy ™ Fluropon® Unpainted/Mill Finish
Galvanized Steel 26 ga. (0.48 mm) 24 ga. (0.64 mm) 22 ga. (0.75 mm)	Mod. Of Elasticity: $10.0 \times 10^{3} \times$ KSI (68.9 MPa) Base Metal: AISA-G90 Galvanized Steel Thermal Expansion: 06.7×10^{-6} in/in/F° (13.9 m/m.K $\times 10^{-6}$) Mod. Of Elasticity: $29.0 \times 10^{6} \times$ KSI (200 GPa)	G90- Clear Acrylic Coated Synergy™ Fluropon®
Galvalume® Steel 26 ga. (0.46 mm) 24 ga. (0.64 mm)	Base Metal: AZ50 Galvalume® Thermal Expansion: 06.7×10^{6} in/in/F° (13.9 m/m.K $\times 10^{-6}$) Mod. Of Elasticity: $29.0 \times 10^{6} \times$ KSI (200 GPa)	Acrylume®- Clear Acrylic Coated Synergy™ Fluropon®

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