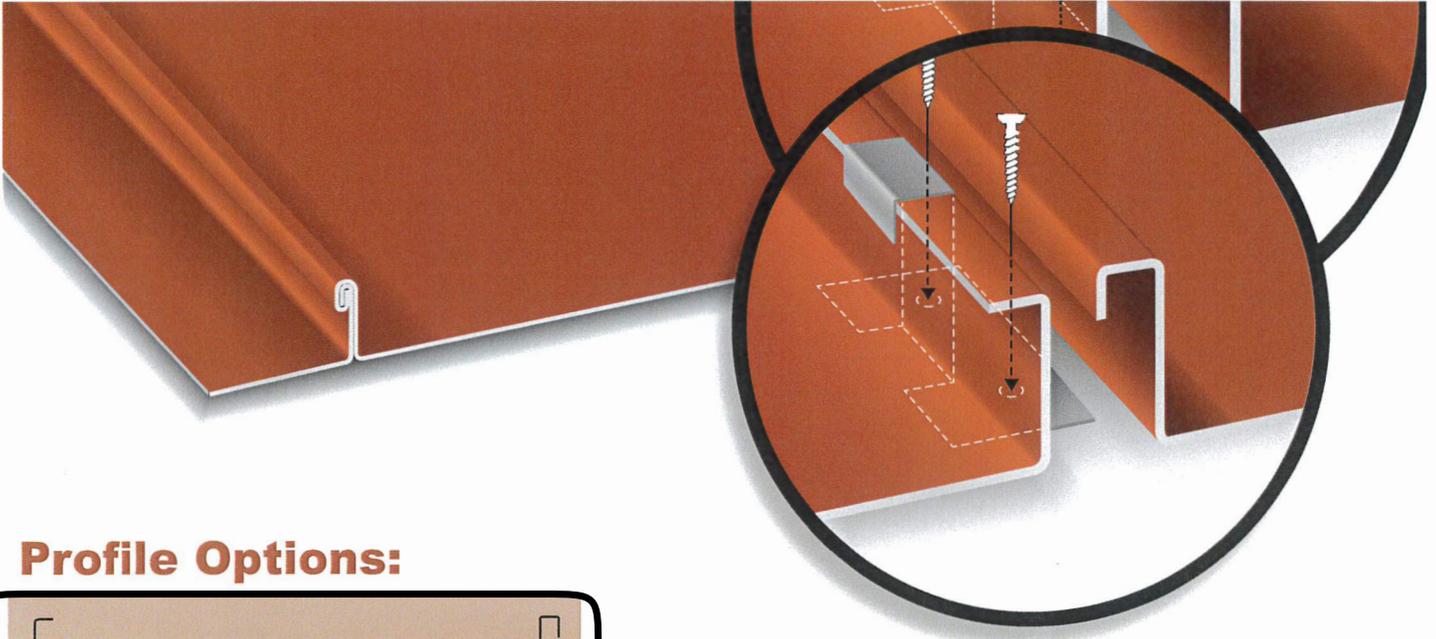


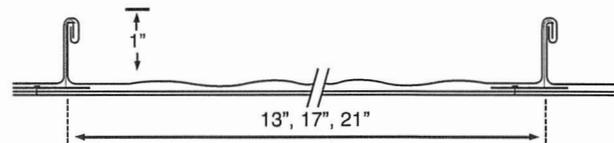
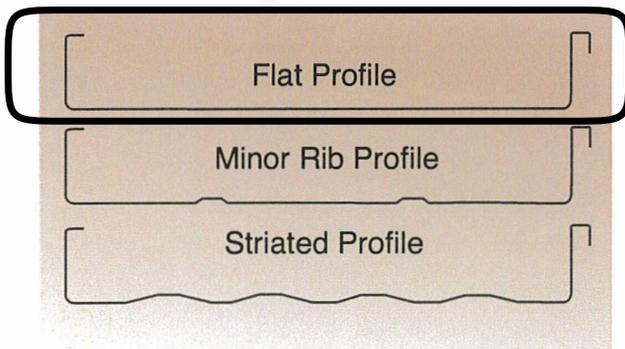
Everlast Metals

DL-100

The Everlast Metals DL-100 is a double-lock architectural standing seam roofing panel that utilizes the proven seaming process of mechanical locking in conjunction with the floating action of a concealed clip assembly. This design allows for expansion & contraction caused by natural elements, providing a virtually leak proof roof with exceptional wind uplift ratings.



Profile Options:



Available Product Options:

1. Available for radius applications
2. Tapered panels
3. Available in steel and aluminum



Features:

- 35-Year finish warranty
- Minimum length of 36"
- Panel widths 13", 17", 21", custom
- Minimum slope requirement 3:12
- Watertight side lap
- Recommended for application over solid framing

10 Enterprise Court, Lebanon, PA 17042
Local: 717-389-0234 Fax: 717-450-4348

www.everlastmetals.com

800 • 418 • 5057

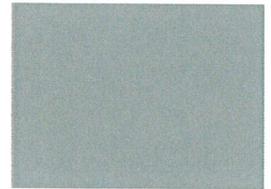
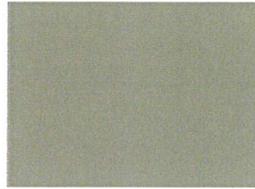
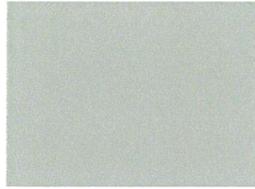


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Almond

Stone White



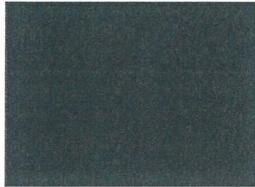
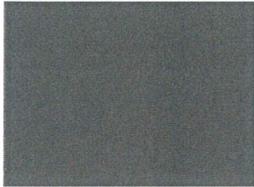
Bone White

Sandstone

Sierra Tan

Slate Gray

Cityscape



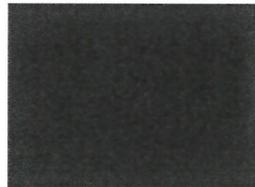
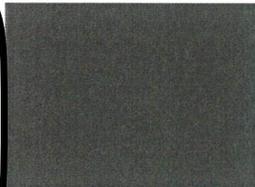
Dark Gray

Charcoal

Slate Blue

Gallery Blue

Matte Black



Classic Bronze

Dark Bronze

Burnished Slate

Mansard Brown

Patina Green



Forest Green

Hartford Green

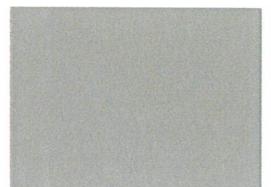
Terra Cotta

Burgundy

Colonial Red



◆ Premium Colors



◆ Regal Red

◆ Metallic Silver

◆ Metallic Copper

◆ Metallic Champagne

PLEASE NOTE: The colors listed on this color chart are as close to the actual painted metal as possible. Actual color swatches are available upon request. Fluoropon® pre-finished galvalume steel and aluminum containing Fluoropon® 70% PVDF.

Everlast Metals

Toll Free: 1.800.418.5057

Local: 717.389.0234

www.everlastmetals.com

Fluropon® Paint System	Steel		Aluminum		Technical Data								
	Standard Finish - 35 Year Warranty	26 Ga.	24 Ga.	0.032	0.040	Energy Star®	LEED®	Initial TSR	Initial TE	Initial SRI	3 Year TSR	3 Year TE	3 Year SRI
Almond	•	•	•			•	•	0.56	0.83	65	0.65	0.83	77
Bone White	•	•	•	•		•	•	0.67	0.87	81	0.64	0.87	77
Burgundy	•	•	•			•		0.26	0.87	25	0.26	0.87	25
Burnished Slate	•	•	•	•		•	•	0.31	0.87	32	0.32	0.87	33
Charcoal	•	•	•	•		•		0.27	0.87	27	0.28	0.87	27
Cityscape	•	•	•	•		•	•	0.38	0.87	42	0.39	0.87	30
Classic Bronze		•	•	•		•		0.11	0.83	41	0.25	0.83	22
Colonial Red	•	•	•	•		•	•	0.29	0.88	30	0.29	0.88	30
Dark Bronze	•	•	•			•	•	0.29	0.88	30	0.30	0.88	30
Dark Gray	•	•	•	•		•	•	0.34	0.88	36	0.34	0.88	36
Forest Green	•	•	•	•		•	•	0.32	0.87	33	0.32	0.87	33
Gallery Blue	•	•	•	•		•	•	0.30	0.87	31	0.30	0.87	31
Hartford Green	•	•	•	•		•	•	0.29	0.88	30	0.29	0.88	30
Mansard Brown	•	•	•	•		•	•	0.28	0.89	29	0.29	0.89	30
Matte Black	•	•	•	•		•		0.26	0.87	25	0.26	0.87	25
Patina Green	•	•	•	•		•	•	0.28	0.89	29	0.28	0.89	29
Sandstone	•	•	•	•		•	•	0.40	0.87	44	0.40	0.87	44
Sierra Tan		•	•	•		•	•	0.54	0.87	63	0.53	0.87	62
Slate Blue	•	•				•	•	0.52	0.87	60	0.51	0.87	59
Slate Gray	•	•	•	•		•	•	0.34	0.88	36	0.34	0.88	36
Stone White		•				•	•	0.43	0.87	48	0.43	0.87	48
Terra Cotta		•				•	•	0.62	0.88	74	0.59	0.88	70
Galvanized G90 Acrylic Coated	•	•											
Galvalume® AZ55 Acrylic Coated	•	•											
Mill Finish			•	•									
Premium Finish - 35 Year Warranty													
Regal Red	•	•	•			•	•	0.49	0.88	56	0.49	0.88	56
Metallic Champagne		•				•	•	0.41	0.87	46	0.38	0.91	43
Metallic Copper		•	•			•	•	0.37	0.87	41	0.43	0.90	50
Metallic Silver		•	•			•	•	0.54	0.87	64	0.46	0.91	53

Polyester Paint System	Steel		Aluminum	
Standard Finish - 10 Year Warranty	26 Ga.	24 Ga.	0.032	0.040
Bronze/White			•	
Medium Bronze/Bronze			•	
Black/White			•	
White/White			•	

- Oil canning is not a cause for rejection.
- Protective film must be removed immediately after installation.
- For a true color representation, please call or write for actual metal sample(s).
- Contact your local sales representative for specific stocking information and special requests.

LEED 2.2 Requirements

Solar Reflectance Index (SRI)

Steep Slope Roofs = ≥ 29

Low Slope Roofs = ≥ 78

ENERGY STAR Requirements

Initial Solar Reflectivity

Steep Slope Roofs ($>2:12$) ≥ 0.25

Low Slope Roofs ($\leq 2:12$) ≥ 0.65

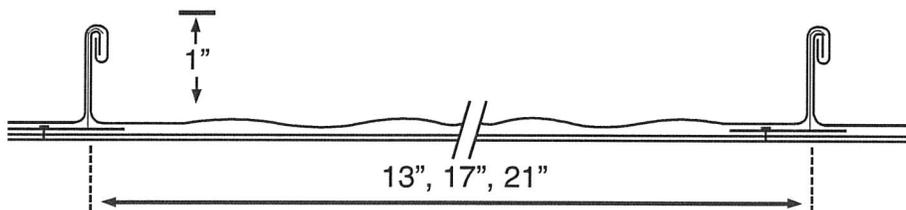
3 Year Solar Reflectivity

Steep Slope Roofs ($>2:12$) ≥ 0.15

Low Slope Roofs ($\leq 2:12$) ≥ 0.50

Description:

Everlast Metals DL-100 Double-Lock Standing Seam roofing panel utilizes the proven seaming process of Mechanical Locking in conjunction with the floating action of a concealed clip assembly. This design allows for expansion & contraction caused by natural elements, providing a virtually leak proof roof with exceptional wind uplift ratings. Optional thermally-applied pre-assembly In-Seam sealant is available.



General Use & Method of Application:

Everlast Metals DL-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.
- Everlast Metals recommends a minimum bend radius of 2T for .032 and .040 materials and a 3T bend radius for any material .050 or greater. 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:	13", 17", 21", Custom
Seam Height:	1"
Minimum Panel Length:	36"
Maximum Panel Length:	50', Custom

Product Data:

Minimum Slope:	1.5:12
Tapered Panels:	Yes
Radiused Panels:	Yes
Stiffening Ribs:	Optional
Striations:	Optional
Standard Panel Surface:	Smooth

Technical Information:

Uplift Resistance:	PA 125
Structural Performance:	ASTM E330 and E1592
Air Infiltration:	ASTM E283 and E1680
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:	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. 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} in/in/F° ($22.2 \text{ m/m.K} \times 10^{-6}$)	Anodized Fluropon® Unpainted/Mill Finish
Galvanized Steel 26 ga. (0.48 mm) 24 ga. (0.64 mm) 22 ga. (0.75 mm)	Mod. Of Elasticity: 10.0×10^3 x 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: 29.0×10^6 x KSI (200 GPa)	G90- Clear Acrylic Coated 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° ($13.9 \text{ m/m.K} \times 10^{-6}$) Mod. Of Elasticity: 29.0×10^6 x KSI (200 GPa)	Acrylume®- Clear Acrylic Coated Fluropon®

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

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