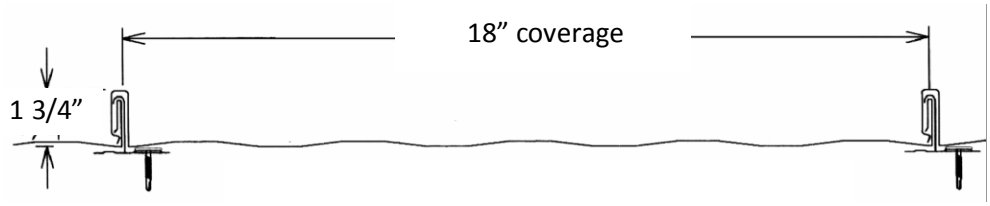
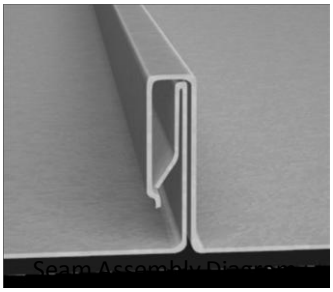
SL-175 PROFILE

TECHNICAL REFERENCE

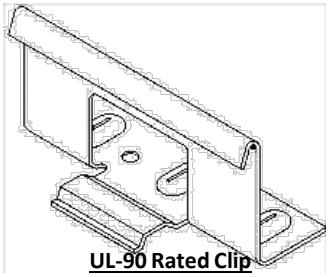


PRODUCT OVERVIEW

- Architectural & Structural applications
- Finish; ProFinish 500 (PVDF) colors & acrylic coated Galvalume
- Available gauges; 24 ga. standard & 22 ga. optional
- Also available in .032 Aluminum and 16 or 20 oz. Copper or Zinc
- 1-3/4” Rib height with standard 18” coverage or 12” optional
- Applied over solid substrate or open framing
- Single piece clip for thermal expansion & contraction
- Positive engagement snap locking integral side lap seam
- Minimum roof slope 2-1/2:12
- Factory applied sealant (optional) insures weather-tightness



GENERAL INFORMATION



UL-90 Rated Clip

- Factory formed maximum lengths 65’-0”
- Minimum lengths 3’-0”
- Field forming available for panels over 65’-0”
- Special width panels upon request
- Tapered panels available up to 20’-0”
- Optional stiffening ribs and striated patterns and embossing available
- Striation, narrower widths and heavier gauges minimize “Oil Canning” appearance
- RMP recommends all panels be striated to minimize oil canning. Purchaser must specify striated or smooth panel on order
- Oil canning is NOT a cause for rejection

TECHNICAL OVERVIEW

- UL-263 Fire Resistance rating design # P225, P227, P230, P235, P237, PP250, P259, P265, P266, P268, P508, P510, P512, P514, P516, P518, P701, P711, P712, P713, P715, P717, P719, P720, P722, P723, P726, P731, P732, P734, P739, P740, P801, P815, P819, P821, P824, P825, P828,
- UL-790 Class A Fire Resistance
- UL-2218 Class 4 Impact Resistance
- UL-580 Class 90 Wind Uplift Construction no. 254, 255, 261, 303, 342, 343, 359, 359A, 414, 436, 445-448, 486, 508, 508A, 543, 544, 565
- CEGS 07416 US Army Corp of Engineers rated ASTM E-1592
- Florida Building Code approved 10240.1
- ASTM E-1646 Water Infiltration
- ASTM E-1680 Air Infiltration

Galvalume® is a registered trademark of BEIC International, Inc.

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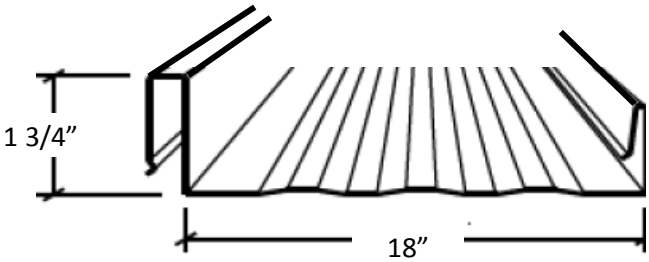
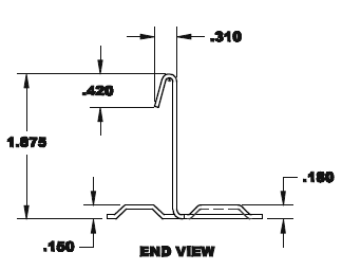
2529 West Jackson Street, Phoenix, Arizona 85009

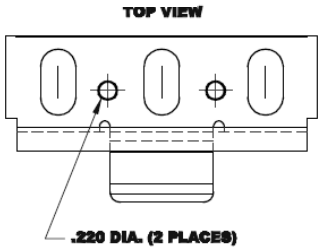
RMP ROLLFAB METAL PRODUCTS

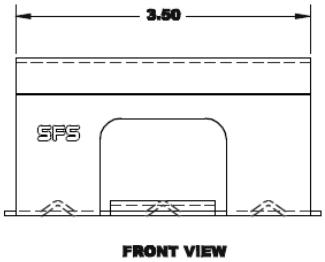
SL-175 PROFILE

TECHNICAL REFERENCE









RMP SL-175 18”				
U.S. Army Corp of Engineers: CEGS-07416			ASTM E-1592	
	Allowable Wind Uplift Capacity, psf		Ultimate Wind Uplift Capacity, psf	
Panel Description	Design, wind pressures, psf		Design, wind pressures, psf	
Depth/Width/Gauge	“Field” of roof 48” O.C.	Lending & trailing edges 18”	“Field” of roof 48” O.C.	Lending & trailing roof 18”
1-3/4´X 18:” X 24 ga.	25..2 psf	48.8 psf	41.4 psf	80.6 psf

AIR INFILTRATION: Resistance to air infiltration: 0.007 cfm per lineal foot of joint when tested in accordance with ASTM E-283 / E-1680 at static test pressure differential of 12.00 psf.

WATER INFILTRATION: Resistance to water infiltration: No leakage through panel joints in accordance with ASTM E-331/ e-1646 at static test pressure differential at 1200 psf.

UL-90 CONSTRUCTION NOS.: 254, 255, 261, 303, 342, 343, 359, 359A, 414, 436, 445, 446, 447, 448, 486, 508, 508A, 543, 544 & 565

WIND UPLIFT/LOAD SPAN CHART

PANEL SPAN FEET:	2.0	2.5	3.0	3.5	4.0
ALLOWABLE WIND UPLIFT PRESSURE:	48.8	42.9	37.0	31.1	25.2

GENERAL NOTES

1. The allowable pressure is the Ultimate Test Pressure divided by a Factor-of-Safety (Load Factor) of 1.65
2. The Published Allowable Wind Uplift Pressure considers panel buckling strength, side joint disengagement resistance and clip/side joint interactive strength only.

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