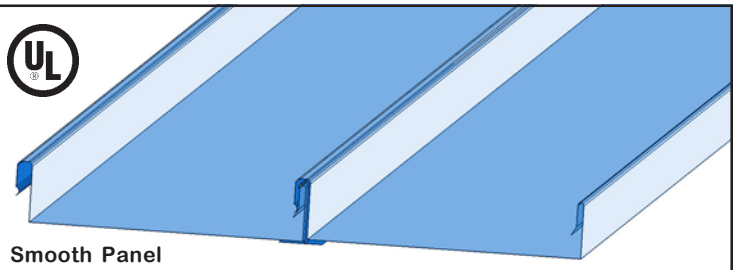
CTMRS ShurLoc 175

Central Texas Metal Roofing Supply Co., Inc.

Description

ShurLoc 175 is an exceptional architectural/structural standing seam roof system that may be utilized in a variety of roof, mansard, and fascia applications. The design allows for application over a variety of solid substrates as well as over open framing. ShurLoc 175 is a snap-together design that does not require additional seaming with a mechanical seaming tool.



Smooth Panel

Striated Panel

Features

- 1 3/4” nominal height.
- 14 1/2”, 15”, 16”, 18” widths.
- Striated panel is standard; Optional smooth pan, pencil ribs, or stiffener ribs.
- One piece clip.
- Snap together seam.
- Minimum 2:12 pitch recommended.
- Optional factory applied sealant on female panel rib.

Performance / Testing

- UL 580 Class 90 Wind Uplift Rated.
- UL 2218 Class 4 Impact Rated.
- UL 790 Class A Fire Rated.
- ASTM E 1680
- ASTM E 1646
- TDI Coastal Windstorm Approved.

Substrates

- 26, 24, 22 Ga Acrylic Coated Galvalume.
- 26 Ga SMP Color Finish.
- 24 & 22 Ga Kynar500 Color Finish.
- 26 & 24 Ga Paint Grip.
- 16 & 20 oz. Copper.
- .032 & .040 Aluminum, Anodized or Kynar500 Color Finish.

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Uniform Load Tables in Pounds per Square Foot

16" - 24 GAUGE (Fy = 50KSI)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"
SINGLE	LIVE LOAD	166.0	115.3	84.7	64.8	51.2	41.5	34.3
2 SPAN	LIVE LOAD	144.3	100.2	73.6	56.4	44.5	36.1	29.8
3 SPAN	LIVE LOAD	180.4	125.3	92.0	70.5	55.7	45.1	37.3
4 SPAN	LIVE LOAD	168.4	116.9	85.9	65.8	52.0	42.1	34.8

16" - 22 GAUGE (Fy = 50KSI)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"
SINGLE	LIVE LOAD	200.0	162.3	119.2	91.3	72.1	58.4	48.3
2 SPAN	LIVE LOAD	200.0	147.7	108.5	83.1	65.6	53.2	43.9
3 SPAN	LIVE LOAD	200.0	184.6	135.6	103.8	82.0	66.5	54.9
4 SPAN	LIVE LOAD	200.0	172.4	126.6	97.0	76.6	62.1	51.3

18" - 24 GAUGE (Fy = 50KSI)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"
SINGLE	LIVE LOAD	148.3	103.0	75.7	57.9	45.8	37.1	30.6
2 SPAN	LIVE LOAD	128.7	89.4	65.7	50.3	39.7	32.2	26.6
3 SPAN	LIVE LOAD	160.9	111.7	82.1	62.8	49.7	40.2	33.2
4 SPAN	LIVE LOAD	150.2	104.3	76.6	58.7	46.4	37.6	31.0

18" - 22 GAUGE (Fy = 50KSI)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"
SINGLE	LIVE LOAD	200.0	145.2	106.7	81.7	64.5	52.3	43.2
2 SPAN	LIVE LOAD	189.8	131.8	96.8	74.1	58.6	47.5	39.2
3 SPAN	LIVE LOAD	200.0	164.8	121.1	92.7	73.2	59.3	49.0
4 SPAN	LIVE LOAD	200.0	153.8	113.0	86.5	68.4	55.4	45.8

NOTES:
1. Allowable loads are based on uniform span lengths and Fy = 50KSI.
2. LIVE LOAD is limited by shear, bending, or a combination of the two.
3. Above loads have a maximum deflection ratio of L/180.
4. The weight of the panel has not been deducted from allowable loads.
5. Do not use the loads above when designing panels to resist wind uplift.
6. Please contact us or view our web site for most current wind load information.

COLOR, SPANGLE, OR UNEVEN WEATHERING OF UNFINISHED PRODUCTS:
1. Galvanized, Galvalume, Acrylume, and Paint Grip are unfinished products. The color or spangle may vary and is not a reason for rejection. To keep a uniform color, use of a painted product is recommended.
2. Paint Grip is intended to be painted.
3. Color differentials of Galvalume, Galvanized and Paint Grip, and uneven weathering is not warranted.
4. Considerations prior to ordering are the variations in Spangle Size, Reflectivity or Surface Roughness.
5. Non- uniform fading and color changes can and may occur, these variations are a natural occurrence produced during the steel manufacturing process, these conditions are not a reason for rejection. To guarantee a uniform color, a painted product is recommended.

OIL CANNING:
1. Oil canning is inherent to roll formed products and shall not be cause for rejection of materials.
2. To help reduce oil canning use 24 gauge. Also use Striation, Stiffener Ribs or Embossing.
3. Flat surfaces will display slight waviness, commonly referred to as (Oil Canning). This phenomenon is caused by steel mill production tolerances and will not be accepted as cause for field rejection