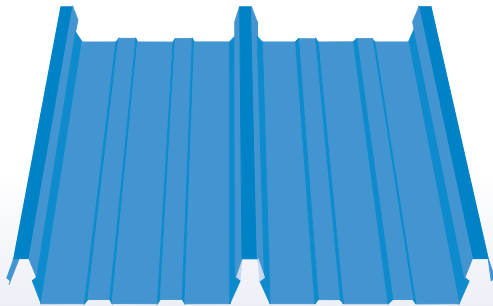


Clip-Loc

- Architectural/structural integral standing rib roof system
- Snap together panel system
- 16" panel coverage, major rib: 8" centers, 1-5/8" rib height
- Gauges: 26ga, 24ga standard, and 22ga optional
- Minimum roof slope 1:12
- Applies over open framing or solid substrate
- Concealed clip designed for thermal movement
- Accommodates up to 4" blanket insulation
- Finishes: Kynar 500 (PVDF), MS Colorfast30® and ACG®*
- Contact Metal Sales for additional load-carrying capabilities

*Acrylic Coated Galvalume®

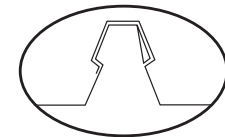
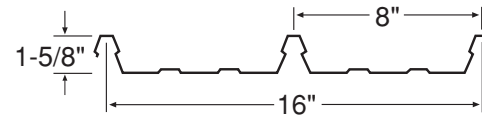


Testing:

- UL-263, Fire Resistance Rating
- UL-2218 Class 4 Impact Resistance
- UL-790 Class A Fire Resistance Rating
- ASTM E-1680 Air Penetration Approved
- ASTM E-1646 Water Infiltration Approved
- CECS-07416 US Army Corps of Engineers Rated-ASTM E-1592
- UL 580, Class 90 Wind Uplift, Construction Number 586,586A
- UL 1897
- Florida Building Code Approved



Johnson Junior High/Arbuckle, CA



SECTION PROPERTIES								ALLOWABLE UNIFORM LIVE LOADS PSF ^{2,3,4} (3 or More Equal Spans)											
GA.	Width (in.)	Yield KSI	Weight PSF	Top in Compression ¹		Bottom in Compression ¹		Inward (Gravity / Deflection) Load ^{2,4}						Outward Uplift (Stress) Load ³					
				l _{xx} in ⁴ /ft	S _{xx} in ³ /ft	l _{xx} in ⁴ /ft	S _{xx} in ³ /ft	2.5'	3'	3.5'	4'	4.5'	5'	2.5'	3'	3.5'	4'	4.5'	5'
26	16"	50	1.08	0.0915	0.0746	0.0521	0.0599	217	152	112	66	80	55	355	250	185	142	113	92
24	16"	50	1.39	0.1178	0.0879	0.0720	0.0803	290	203	150	115	91	74	464	329	242	186	148	120
22	16"	50	1.79	0.1515	0.1284	0.0990	0.1086	384	269	199	153	121	98	599	422	313	241	191	155

1. Theoretical section properties have been calculated per AISI 1996. "Specifications for the design of cold formed steel members." l_{xx} and S_{xx} are effective section properties for deflection and bending. 2. Tabulated gravity loads are allowable loads calculated in accordance with AISI 1996 specifications considering, bending, shear, and combine stresses. (Combined bending and web crippling is omitted per AISI section C 3.5). Gravity Load considers worst of 3 and 4 multiple equal span condition. Panel weight has not been accounted for in gravity load tables. Allowable loads do not address web crippling requirement or fastener/support connection. 3. Allowable wind uplift loads have been increased by 33-1/3% and are based on AISI 1996 "specifications for the Design of Cold Formed Steel Members." Note: During uplift or suction condition, panel flat will deflect due to upward load changing shape and reducing these loads. Contact Metal Sales Technical Services for ASTM E-1592 uplift design loads. 4. Deflection consideration is limited by a maximum deflection ratio of L/180 of span.