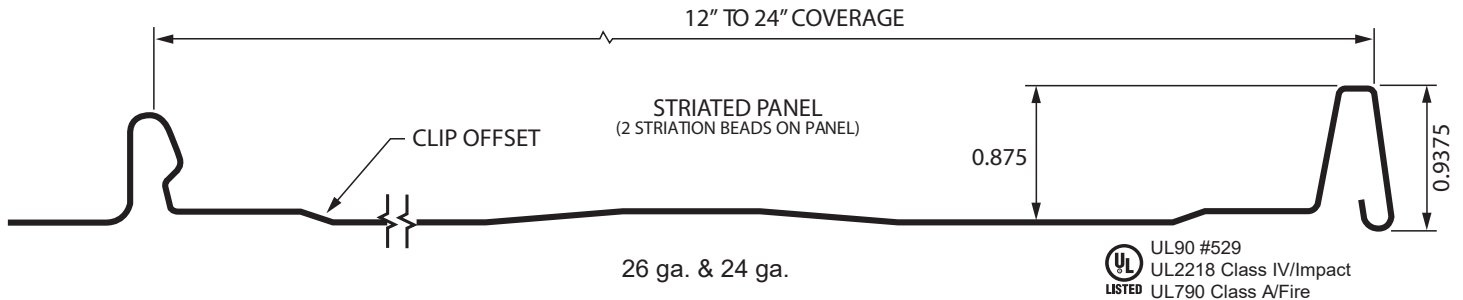




PRODUCT INFORMATION

Kansas City:
8341 Ruby Ave.
Kansas City, KS 66111
913-766-7200
855-818-4958 toll-free
913-766-7201 fax

Tulsa:
131 S. 147th E. Ave.
Tulsa, OK 74116
918-641-0641
866-674-7657 toll-free
918-641-0640 fax



SECTION PROPERTIES							
PANEL GAUGE	WIDTH	(Yield Stress) F _y (KSI)	WEIGHT (PSF)	TOP FLAT IN COMPRESSION (Positive Bending)		BOTTOM FLAT IN COMPRESSION (Negative Bending)	
				I ^x (in. ⁴ /ft.)	S ^e (in. ³ /ft.)	I ^x (in. ⁴ /ft.)	S ^e (in. ³ /ft.)
24	12.563"	50.0	1.338	0.015	0.022	0.015	0.022
24	16.563"	50.0	1.665	0.016	0.022	0.016	0.022

NOTES

1. All calculations for the properties of panels are calculated in accordance with the 2012 AISI Supplement No. 1.
2. I_x is for deflection determination.
3. S_e is for bending.
4. M_a is allowable bending movement.
5. All values are for one foot of panel width.

ALLOWABLE UNIFORM LOAD (PFS)

24 Gauge (F _y =50 KSI) 12.56" WIDTH									
SPAN TYPE	LOAD TYPE	SPAN IN FEET							
		2.5	3	3.5	4	4.5	5	5.5	6
SINGLE	LIVE	52.0	36.0	26.0	19.0	14.0	10.0	7.0	6.0
2-SPAN	LIVE	52.0	36.0	26.0	20.0	15.0	12.0	10.0	8.0
3-SPAN	LIVE	61.0	42.0	30.0	23.0	18.0	14.0	12.0	10.0

24 Gauge (F _y =50 KSI) 16.56" WIDTH									
SPAN TYPE	LOAD TYPE	SPAN IN FEET							
		2.5	3	3.5	4	4.5	5	5.5	6
SINGLE	LIVE	40.0	27.0	20.0	15.0	n/a	n/a	n/a	n/a
2-SPAN	LIVE	40.0	27.0	20.0	15.0	n/a	n/a	n/a	n/a
3-SPAN	LIVE	46.0	32.0	23.0	17.0	n/a	n/a	n/a	n/a

The Engineering data contained herein is for the expressed use of customers and design professionals. Along with this data, it is recommended that the design professional have a copy of the most current version of the *North American Specification for the Design of Cold-Formed Steel Structural Members* published by the American Iron and Steel Institute to facilitate design. This Specification contains the design criteria for cold-formed steel components. Along with the Specification, the designer should reference the most current building code applicable to the project jobsite in order to determine environmental loads. If further information or guidance regarding cold-formed design practices is desired, please contact the manufacturer.