

TECHNICAL BULLETIN

Issue Date: January 12, 2000

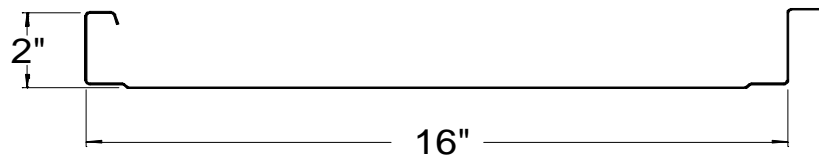
Revised: April 3, 2015

No. 05-109-00

ASTM E1592 Wind Uplift Test

Maxima 216 24 Ga.

McElroy Metal had its Maxima structural standing seam panel tested per ASTM E1592 on March 31, 1997 and between January 9, 2013 and December 5, 2013.



TEST RESULTS

Panel	Gauge	Span	Ultimate Load (psf)	Design Load (psf)*
Maxima 216	24	1'-0"	344.9	206.54
Maxima 216	24	2'-0"	221.7	132.75
Maxima 216	24	5'-0"	88.4	52.93
Maxima 216	24	7'-6"	46.8	23.4

**The Factor of Safety is 1.67 for spans 1'-0", 2'-0" and 5'-0" and 2.00 for 7'-6" span. (AISI)*

Test Report No. : C456 (7'-6" Span)

Dated: March 31, 1997

Test Report No. : 13-008 (1', 2' & 5' Spans)

Dated: January 21, 2014