



TECHNICAL BULLETIN

Issue Date: March 15, 2019

No. 05-415-19

ASTM E1592 Wind Uplift Test

138T 16" 0.040" Aluminum

McElroy Metal had its 138T roof panel tested per ASTM E1592 on dates between July 6, 2017 and September 12, 2017.



TEST RESULTS

Panel	Thickness	Span	Average Ultimate Load (psf)	Design Load (psf) Factor of Safety = 1.67 (AISI 2016)
138T 16"	0.040"	1'-0"	337.22	201.92
138T 16"	0.040"	2'-0"	219.44	131.40
138T 16"	0.040"	5'-0"	78.91	47.25

Tested using standard 16 gauge clips.

Test Report No.: 17-002

Dated: January 28, 2019

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