



PETERSEN ALUMINUM CORP.
7.2 ROOF PANEL
0.032" ALUMINUM

NEGATIVE DESIGN LOADS

SPAN	TEST LOAD*	NEGATIVE DESIGN LOAD (FS = 2.0)**	NEGATIVE DESIGN LOAD (FS = 1.65)***
5'	122.3 psf	61.1 psf	74.1 psf
4'	150.9 psf	75.4 psf	91.4 psf
3'	179.5 psf	89.7 psf	108.7 psf
2'	208.1 psf	104.0 psf	126.1 psf

* Negative (Uplift) Test Pressure from ASTM E1592 testing. See Farabaugh Engineering and Testing, Inc. Test Report Project No. T281-08 for test data and details.

** Negative Design Load obtained using a factor of safety of 2.0

*** Negative Design Load obtained using a factor of safety of 1.65

- All values for 4' and 3' spans are interpolated.
- Design Engineer shall use appropriate Factor of Safety based on required building codes and project specifications.
- These values do not consider fastener pullout or pullover which must be evaluated by the Design Engineer.

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