

**PETERSEN ALUMINUM CORP.
7.2 ROOF PANEL
0.050" ALUMINUM**

NEGATIVE DESIGN LOADS

SPAN	TEST LOAD	NEGATIVE DESIGN LOAD (FS = 2.0)**
10'	62.4 psf*	31.2 psf
9'	79.7 psf	39.85 psf
8'	97.0 psf	48.5 psf
7'	114.4 psf*	57.2 psf

* Negative (Uplift) Test Pressure from ASTM E1592 testing. See Farabaugh Engineering and Testing, Inc. Test Report Project No. T302-22 for test data and details.

- Note that 1-1/8" metal seal washers used on all panel-to-support fasteners.

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

- All values for 9' and 8' spans are interpolated.

- Design Engineer shall use appropriate Factor of Safety based on required building codes and project specifications.

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