

TEST REPORT FOR PETERSEN ALUMINUM CORPORATION

Report No.: N0374.03-450-18 R0

Date: 03/02/22

SECTION 13

LOAD TABLE

Load Table 1: 0.032" x 20" Wide Aluminum PAC-150 Panel Over 1/2" Plywood with 180° Seam

Clip Spacing, L	Clip Spacing, L	Test Result	Allowable Design Pressure with Safety Factor of 1.65	Allowable Design Pressure with Safety Factor of 2.00
1'-0"	12"	-333.5 psf	-202.1 psf	-166.8 psf
1'-6"	18"		-173.1 psf	-142.8 psf
2'-0"	24"		-144.1 psf	-118.9 psf
2'-6"	30"		-115.1 psf	-94.9 psf
3'-0"	36"	-142.0 psf	-86.1 psf	-71.0 psf

Load Table 2: 0.032" x 20" Wide Aluminum PAC-150 Panel Over 1/2" Plywood with 90° Seam

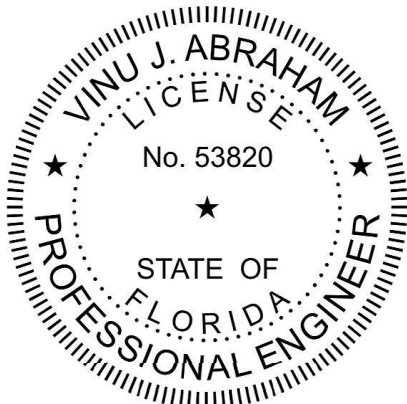
Clip Spacing, L	Clip Spacing, L	Test Result	Allowable Design Pressure with Safety Factor of 1.65	Allowable Design Pressure with Safety Factor of 2.00
0'-6"	6"	-198.5 psf	-120.3 psf	-99.3 psf
1'-0"	12"		-108.2 psf	-89.3 psf
1'-6"	18"		-96.11 psf	-79.3 psf
2'-0"	24"	-138.5 psf	-83.9 psf	-69.3 psf

General Notes:

Intermediate values based on linear interpolation from tested values.

Actual testing with 180° seam was conducted at 1'-0" and 3'-0" clip spacing.

Actual testing with 90° seam was conducted at 0'-6" and 2'-0" clip spacing.



Digitally Signed by: Vinu Abraham

Vinu Abraham, P.E.
Vice President - Products