



24 Gage Steel x 18" wide TITE-LOC PLUS Panel

AISI Negative Design Loads

Span	ASTM 1592 Load	AISI Design Load, 2.0 Safety Factor	USACE Design Load: 1.65 Safety Factor
2.00	198.80	-99.40	-120.50
2.50	176.26	-88.13	-106.82
3.00	153.73	-76.86	-93.16
3.50	131.20	-65.60	-79.51
4.00	108.66	-54.33	-65.85
4.50	86.13	-43.06	-52.20
5.00	63.60	-31.80	-38.54

NOTES

1. The above loads were derived from the uplift tests done in accordance with ASTM E-1592
2. Actual testing conducted at 2' 0" and 5' 0" spacing. Intermediate values have been interpolated.
3. All tests were performed by Farabaugh Engineering & Testing, and 2' and 5' values were taken from the Test Report T260-02 dated 10-5-02
- 4 Tests results are highlighted.
5. Design load contains a 2,00 safety factor per AISI Specifications
6. Panel Clip Type - Tite-Loc Plus Clip - 16 GA base and 22 GA Top
7. Clip Fasteners #12-14 x 1" SD
8. USACE is United States Army Corps of Engineers

11/1/2013

Petersen Aluminum Corporation
1005 Tonne Road
Elk Grove Village, IL 60007
tel: 800 323 1960
fax: 800 722 7150

visit our website @ www.pac-clad.com