

## **NEGATIVE LOAD TABLE**

24 GA. STEEL X 18" WIDE TITE-LOC PLUS PANEL

		AISI Design Load, 2.0	USACE Design Load: 1.65 Safety
Span	ASTM 1592 Load	Safety Factor	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

## PETERSEN ALUMINUM CORPORATION

PAC-CLAD.COM SALES@PETERSENMAIL.COM

Phoenix, AZ 85007

P:833-750-1935

F: 602-254-6504

1800 S. 7th Ave., Suite 130

1885 Station Parkway NW, Suite B Andover, MN 55304 P:877-571-2025 F: 866-901-2935

HQ: 1005 Tonne Road Elk Grove Village, IL 60007 P: 800-PAC-CLAD F: 800-722-7150

9060 Junction Drive Annapolis Junction, MD 20701 P: 800-344-1400 F: 301-953-7627

10551 PAC Road Tyler, TX 75707 P: 800-441-8661 F: 903-581-8592 102 Northpoint Parkway Acworth, GA 30102 P: 800-272-4482 F: 770-420-2533