



# TECHNICAL BULLETIN

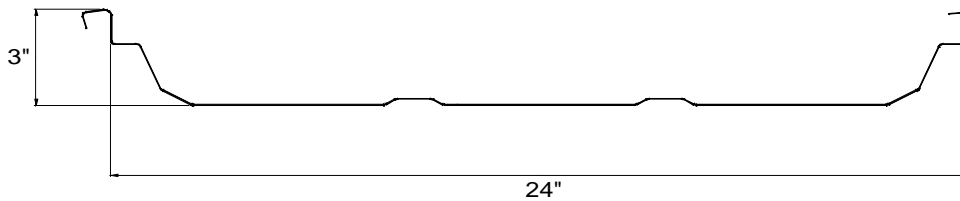
**Issue Date : January 17, 2007**

**No. 05-280-07**

## ASTM E1592 Wind Uplift Test

### MasterLok FS 22 Ga.

McElroy Metal had its MasterLok FS structural standing seam roof panel tested per ASTM E1592 on June 22, 2006, June 23, 2006 and June 27, 2006. This test meets the guide specs of CEGS 07416, and therefore, can be specified for use on military projects.



### TEST RESULTS

| Panel        | Gauge | Span  | Ultimate Load (psf) | Design Load (psf)<br>Factor of Safety = 1.65<br>(CEGS) | Design Load (psf)<br>Factor of Safety = 2.00<br>(AISI) |
|--------------|-------|-------|---------------------|--|--|
| MasterLok FS | 22    | 1'-0" | 187.2               | 113.5  | 93.6   |
| MasterLok FS | 22    | 3'-0" | 114.4               | 69.3   | 57.2   |
| MasterLok FS | 22    | 5'-0" | 88.4                | 53.6   | 44.2   |

Test Report No. : 06-003

Dated : November 30, 2006

**CORPORATE OFFICE**  
SHREVEPORT, LOUISIANA