



TECHNICAL BULLETIN

EFFECTIVE DATE: September 15, 2009

Topic: SC175 Allowable Wind Uplift Loads

Comments: Supercedes all previous releases.

Material Thickness = 24 ga

Cover Width = 16 in.

Material Yield = 50 ksi

| Span (ft) | ASTM E-1592 Test Load | ASTM E-1592 Design Load | COE Design Load |
|-----------|--------------------------|----------------------------|-----------------|
| 1.0 | 111.1 | 55.6 | 67.3 |
| 1.5 | 104.1 | 52.0 | 63.1 |
| 2.0 | 97.1 | 48.5 | 58.8 |
| 2.5 | 90.1 | 45.0 | 54.6 |
| 3.0 | 83.0 | 41.5 | 50.3 |
| 3.5 | 76.0 | 38.0 | 46.1 |
| 4.0 | 69.0 | 34.5 | 41.8 |

Notes:

1. The above tabulated loads are derived from certified ASTM E-1592 testing.
2. Test loads in **BOLD** are actual test results, all others have been interpolated.
3. Design Loads contain a safety factor of 2.0
4. COE design load contains a 1.65 safety factor per COE 07416 Specification
5. These load capacities are for the panel itself. Frames, purlins, clips, fasteners, and all supports must be designed to resist all loads imposed by the panel.
6. Allowable wind uplift loads have not been increased by 33%.
7. This data is subject to change without notice. Contact CCG for most current data.