



Central Texas Metal Roofing Supply Co., Inc.

Negative Design Loads

16" SpanLoc 200 24 Ga.

Span	1592 Load	CEGS Factor of safety = 1.65	AISI Factor of safety = 2.00
1.00	190.00	115.15	95.00
1.50	165.67	100.41	82.83
2.00	144.00	87.27	72.00
2.50	125.00	75.76	62.50
3.00	108.67	65.86	54.33
3.50	95.00	57.58	47.50
4.00	84.00	50.91	42.00
4.50	75.67	45.86	37.83
5.00	70.00	42.42	35.00

Notes:

1. The above loads were derived from uplift tests done in accordance with ASTM E-1592
2. All values are interpolated and/or extrapolated from tests performed at spans of 1'-0", 2'-6", and 5'-0".
3. Test results are highlighted.
4. The 1'-0" Test value was taken from the Test Report #106-0227T-05C by F.E.T dated 11-1-05.
5. The 2'-6" and 5'-0" Test value was taken from the Test Report #106-0227T-05A & 106-0227T-05B by F.E.T dated 11-1-05.
6. Design Load contains a 2.00 factor of safety per AISI Specifications.
7. Design Load contains a 1.65 factor of safety per CEGS Specifications.

The expressed use of the engineering data contained herein is for customers and design professionals. It is recommended that a copy of the most current version of the *North American Specification for the Design of Cold-Formed Steel Structural Members* published by the American Iron and Steel Institute, along with this data, be used to facilitate design. This specification contains design criteria for cold-formed steel components. The most current building code applicable to the project should be used along with this specification to determine environmental loads. Please contact the manufacturer for further information.

Austin – Headquarters / Sales Office
830 Sagebrush Dr Austin, Texas 78758
(512) 452-1515 (800) 428-7412
Fax (512) 833-7499

www.ctmrs.com
email: info@ctmrs.com

Seguin – Plant / Sales Office
720 West IH 10 Seguin, Texas 78155
(830) 379-3600 (877) 622-8677
Fax (830) 379-8753