Metal Roof and Wall Systems

CUSTOMER CHART

MasterLine 16" 24 Ga.

Negative Design Loads (psf)

Span	Negative Design Load	Positive Design Load
2.00	**72.00**	**157.57**
2.50	67.48	147.14
3.00	62.96	136.71
3.50	58.44	126.28
4.00	53.92	115.84
4.50	49.41	105.41
5.00	44.89	94.98
5.50	40.37	84.55
6.00	35.85	74.12
6.50	31.33	63.68
7.00	26.81	53.25
7.50	22.29	42.82
8.00	**17.78**	**32.39**

Notes:

1) The above loads were derived from uplift tests done in accordance with ASTM E-1592.
2) Test results are highlighted.
3) All values are interpolated and/or extrapolated from tests performed at spans of 2'-0" and 8'-0".
4) Design Load contains a 1.95 factor of safety for negative and 1.98 for positive.
5) These values do not consider fastener pullout or pullover, clip attachment must be designed separately.
6) The use of any accessories including but not limited to clips, fasteners, and support plates (eave, backup, rake, etc.) other than those provided by the manufacturer may damage panels, void all warranties and will void all engineering data.
7) This material is subject to change without notice. Please contact MBCI for most current data.

Effective Date: November 14, 2014

g data contained herein is for the expressed use of customers and design professionals. Along with this data, it is recommended that the d
ve a copy of the most current version of the North American Specification for the Design of Cold-Formed Steel Structural Members publish
and Steel Institute to facilitate design. This Specification contains the design criteria for cold-formed steel components. Along with the Speci
l reference the most current building code applicable to the project jobsite in order to determine environmental loads. If further information c
formed design practices is desired, please contact the manufacturer.