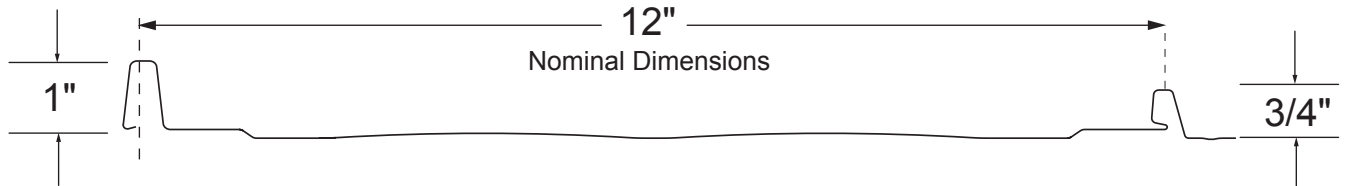


TECHNICAL DATA
Slimline-12"
29 GAUGE

(This panel is available with ribs or striations only.)



Negative Design Loads

Span	ASTM E-1592	Design Load
FT	PSF	PSF
1.00	62.40	50.42
1.50	60.45	48.85
2.00	57.20	46.22
2.50	52.65	42.54
3.00	46.80	37.82

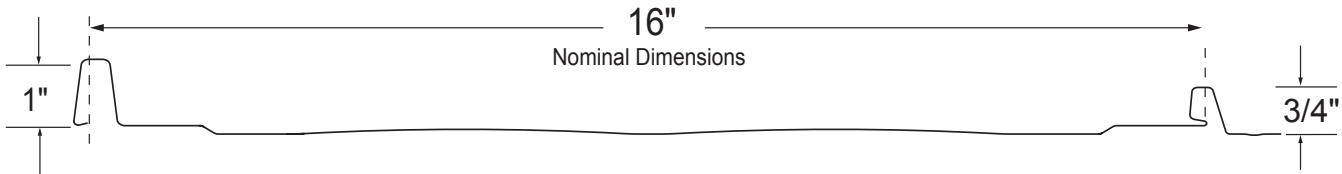
NOTES:

- 1) The above loads were derived from uplift test done in accordance with ASTM E-1592.
- 2) All values are interpolated and /or extrapolated from tests performed at spans of 1' - 0", 2' - 0" and 3' - 0".
- 3) Test results are highlighted.
- 4) Design Load contains a 1.65 factor of safety and 33% increase due to wind per AISI '96.
- 5) This material is subject to change without notice. Please contact Metal Depots for most current data.

Descriptions and specifications contained herein were in effect at the time this publication was approved for printing. Metal Depots reserves the right to discontinue products at any time or change specifications and/or designs without notice and without incurring obligation. Application details are for illustration purposes only and may not be appropriate for all environmental conditions, building designs, or panel profiles. Projects should be engineered to conform to applicable building codes, regulations and accepted industry practices.

TECHNICAL DATA
Slimline-16"
29 GAUGE

(This panel is available with ribs or striations only.)



Negative Design Loads

Span	ASTM E-1592	Design Load
FT	PSF	PSF
1.00	62.40	50.42
1.50	54.00	43.64
2.00	46.80	37.82
2.50	43.50	35.15
3.00	41.60	33.62

NOTES:

- 1) The above loads were derived from uplift test done in accordance with ASTM E-1592.
- 2) All values are interpolated and/or extrapolated from tests performed at spans of 1' - 0", 2' - 0" and 3' - 0".
- 3) Test results are highlighted.
- 4) Design Load contains a 1.65 factor of safety and 33% increase due to wind per AISI '96.
- 5) This material is subject to change without notice. Please contact Metal Depots for most current data.

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Slimline-16 UL® Technical Data



UL 90 Requirements

Construction #529

Slimline-16® over Plywood

1. Metal Panels (29 gauge or heavier)—12" or 16" wide, continuous over two or more spans.
2. Substructure (Plywood)—plywood decking to be a nominal 5/8" thick.
3. Fasteners—No. 10X1" long No. 2 Phillips pancake head wood screw spaced 1' - 0" O.C.
4. Joists—joists spaced 2' O.C. may be one of the following:
 - A. Nom. 2"X6" wood joists No. 2 or better.
 - B. Nom. 2"X4" wood when used on a top cord of a wood truss, No. 2 or better.
 - C. Light gauge structural steel framing with the member against the plywood to be a minimum No. 22 msg coated steel.

FIRE RESISTANCE RATING

External Fire Exposure: Class A

Mechanically attached metal roof panels — type Slimline Series® 12" or 16" (29 msg). Secured by No. 10X1" No. 2 Phillips pancake head wood screw.

For use in:

"Design Nos. P224, P225, P227, P230, P233, P237, P265, P268, P508, P510, P512, P701, P711, P715, P717, P720, P722, P724, P726, P731, P734, P736, P801, P803, P814, P815, P819, P821 and P823".

See **UL FIRE RESISTANCE DIRECTORY** for details of illustrations and fire resistance hourly ratings.

IMPACT RESISTANCE

UL Classification as to Impact Resistance: Class 4

CAUTION

For UL 90 Rated Roofs, the above requirements must be followed. See UL Roofing Materials and Systems Directory for additional requirements. If you have any questions, call Metal Depots before proceeding.