

Structural Standing Seam Panels

[Magna-Loc](#)

[Seam-Loc](#)

[Clip-Loc](#)

[Vertical Seam](#)

[Snap-Loc](#)

1.Theoretical section properties have been calculated per AISI 1996. 1Specifications for the design of cold formed steel members. 1 Ixx and Sxx are effective section properties for deflection and bending. 2.Tabulated gravity loads are allowable loads calculated in accordance with AISI 1996 specifications considering bending, shear, web crippling and combine stresses. (Combined bending and web crippling is ommitted per AISI section C 3.5). Gravity Load considers worst of 3 and 4 multiple equal span condition. Panel weight has been accounted for in these load tables. Minimum bearing width of 2" is required. 3.Deflection consideration is limited by a maximum deflection ratio of L/180 of span. 4.Allowable wind uplift loads have been increased by 33 1/3% and are based on AISI 1996 "specifications for the Design of Cold Formed Steel Members". During uplift or suction condition, panel flat will deflect due to upward load changing shape and reducing these loads.Contact Metal Sales Technical Services for ASTM E-1592 uplift design loads.

Architectural and Metal Building Panels

[IC-72](#)

[R-Panel](#)

[V-Line](#)

[Pro-Panel II](#)

[U-Panel](#)

[Soffit](#)

[Classic Rib](#)

[2.67 Corrugated](#)

[1.25 Corrugated](#)

[BiRib](#)

[Span-Line36](#)

[Span-Line36A](#)

[Delta Rib](#)

1.Theoretical section properties have been calculated per AISI 1996. 1Specifications for the design of cold formed steel members. 1 Ixx and Sxx are effective section properties for deflection and bending. 2.Tabulated loads are allowable loads calculated in accordance with good engineering practices and with AISI 1996 specifications for bending stresses. Gravity Load considers worst of 3 and 4 multiple equal span condition. Panel weight has been subtracted from allowable gravity loads. Allowable load does not address web crippling requirement, or fasteners/support connection. 3.Allowable loads are calculated in accordance with AISI 1996 specifications, and have been increased by 33-1/3% for wind uplift. Contact Metal Sales Technical Services Department for more information. 4.Deflection consideration is limited by a maximum deflection ratio of L/180 of span.