



## Product Description

SigmaTrak® is the ideal runner track for load bearing and curtain wall metal stud wall assemblies. Manufactured from mill-certified steel, SigmaTrak's unique shape is designed to allow a stud to seat fully within the track, providing full bearing at the top and bottom structural tracks. Load bearing studs must be fully seated within the top and bottom tracks according to design standards.

SigmaTrak eliminates field issues typically seen with (T) section tracks where the studs bear directly on the corner radius of the track, creating gaps between the stud and track.

## Benefits That Add Value:

- Track web is oversized to allow the stud to seat fully in the track
- Eliminates the gap between the stud and the track as a result of bearing on corner radii
- Faster assembly than with standard track (no forcing/squeezing stud into bearing on track radii)
- Manufactured from traceable mill-certified steel
- Manufacturing tolerances based on ASTM C955-11c

## Available Sections

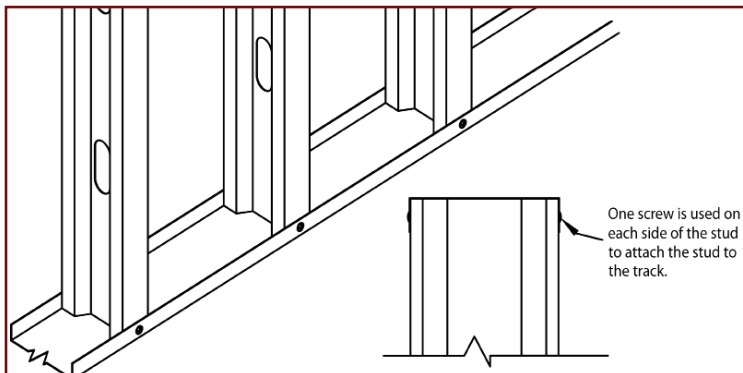
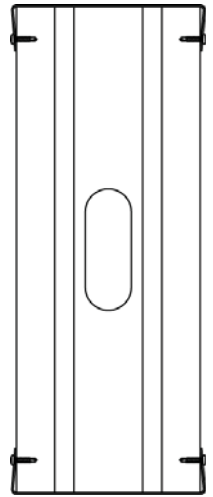
**Depths:** 350, 362, 400, 550, 600, and 800

**Flange Widths:** 150 and 200

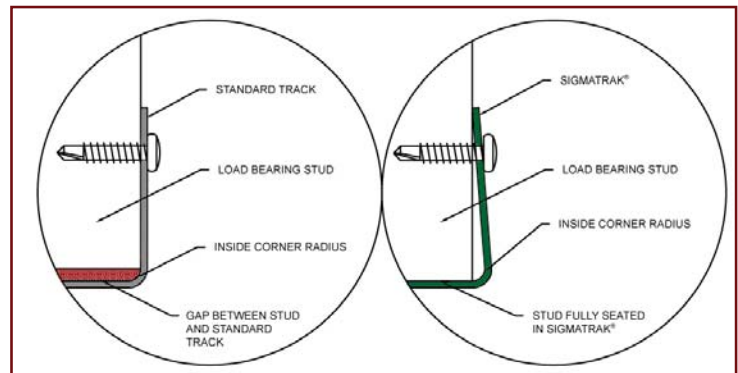
**Mil Thicknesses:** 33, 43, 54, 68, and 97

## Material Properties:

ASTM A1003/A1003M or ASTM A653/A653M, G-60 (Z180) minimum hot-dipped galvanized coating; or equivalent. Grade 50 (340), 50ksi (340 MPa) minimum yield strength, 65ksi (450 MPa) minimum tensile strength or 33ksi (230MPa) minimum yield strength, 45ksi (310 MPa) minimum tensile strength.



Load bearing walls are designed to fully seat within the top and bottom tracks. Design standards recommend a maximum gap of 1/8" in order to obtain an effective bearing condition.



Standard track (T) sections (above left) can contain an inside corner radius that prevents "full" bearing within the track. SigmaTrak (above right) allows full bearing of the stud within the track

## Track Recommendations

- The top and bottom track should match the stud thickness
- Minimum track thickness = 54mils
- When welding is required to the top track, it is recommended to use a 14ga (68mils) thickness. Welding may be used as a means of attaching light gauge components, and should be performed by an AWS certified welder.

