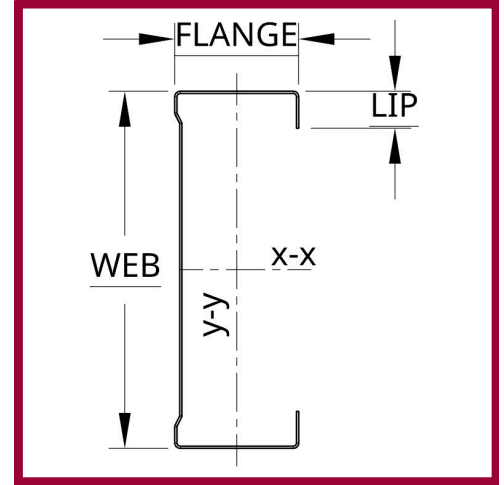


250S125-27

Product category	1.25 in Flange Nonstructural
Product description	Stud, Depth (Web) 2.5", Width (Flange) 1.25", Thickness 27 mils - Nonstructural 20 ga
Coating weight	G40 (Heavier coating on request)
Color coding	
Min Yield Strength	33 ksi (higher ksi on request)



Geometric Properties

Thickness	27 mils
Web Width	2.5 in
Flange Height	1.25 in
Return Lip Length	0.25 in

Used in framing applications:

- Composite Drywall Interior Partitions
- Non-load bearing Walls
- Concrete Wall Fur Out
- Drop Ceilings

LEED - v4 & v4.1 Contributing Credits

FSFTM uses steel with a high mass of recycled content. Contact us for HPD and EPD.

Credit MR 2.1/2.2 – Construction Waste Management

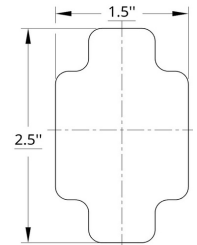
Credit MR 4.1/4.2 - Recycled Content Credit Intent

Credit MR 5.1/5.2 – Regional Materials

ASTM and AISI Code Standards

Material Specifications

	Min Yield	Min Tensile	Minimum Metallic Coating Designation
ASTM A653, SS Grade 33	33 ksi	45 ksi	G60
ASTM A1003, Grade 33 Type H (ST33H)	33 ksi	45 ksi	G601, A601, AZ502, GF303
ASTM A653, SS Grade 50 Class 1	50 ksi	65 ksi	G60
ASTM A1003, Grade 50 Type H (ST50H)	50 ksi	65 ksi	G601, A601, AZ502, GF303
ASTM A653 HSLA Grade 50	50 ksi	65 ksi	G60



Florida Steel Frame & Trusses Manufacturing comply with:

- ICC ESR-3064P – SSMA – 2023
- SSMA Technical Guide
- IBC 2021 International Building Code
- FBC 2023 Florida Building Code
- IRC 2021 International Residential Code

Service Holes (Punches)

- 12" OC from leading edge
- 48" OC from first punch
- No more than 24" OC from trailing edge

Please contact our team for additional information on the following:

Service punchout, dimples, submittal information, MTRs and testing reports, limiting wall heights

Gross Properties

Area (in ²)	Weight (lb/ft)	I _{xx} (in ⁴)	R _x (in)	I _{yy} (in ⁴)	R _y (in)
0.144	0.49	0.147	1.009	0.027	0.434

Effective Properties

I _{xx} (in ⁴)	S _{xx} (in ³)	Ma-L (in-k)	Ma-D (in-k)	V _{ag} (lb)
0.144	0.097	1.92	1.83	685

Torsional Properties

J _{x1000} (in ⁴)	C _w (in ⁶)	X _o (in)	m (in)	R _o (in)	β	Lu (in)
0.039	0.034	-0.893	0.536	1.416	0.602	28.9