

Product Categories:

Nonstructural metal stud framing: specification section 09 22 16

For 33 mil and thicker: structural metal stud framing:

specification section 05 40 00

Available Coatings:

For up to 30 mil: G40 (standard), G60 available.

For 33 mil and thicker: G60 (standard), G90 available.

Yield Strength: See Fy column in table below.

Allowable Tensile Capacity of Straps in Pounds

width (inches)	Fy (KSI)	18 mil (25 ga)	30 mil (DW20)	33 mil (STR 20)	43 mil (18 ga)	54 mil (16 ga)	68 mil (14 ga)	97 mil (12 ga)
1	33	371	617	684	891	1118		
	50					1695	2135	3045
2	33	743	1233	1367	1782	2237		
	50					3389	4269	6090
3	33	1114	1850	2051	2674	3355		
	50					5084	6404	9135
4	33	1486	2466	2735	3565	4474		
	50					6778	8539	12180
6	33	2229	3699	4102	5347	6711		
	50					10168	12808	18269
8	33	2972	4932	5470	7130	8948		
	50					13557	17078	24359
10	33	3715	6165	6837	8912	11184		
	50					16946	21347	30449
12	33	4458	7398	8205	10694	13421		
	50					20335	25617	36539

43 mil and thinner steel typically available in only 33 KSI.

68 mil and thicker steel typically available in only 50 KSI.

CODES & STANDARDS

Super Stud products comply with the applicable provisions of the following:

International Building Code (IBC) 2006 - 2018

Sheet Steel: ASTM A1003 & ASTM A653

Galvanized Coating: ASTM A653

Tolerances:

Nonstructural: ASTM C645, AISI S220

Structural: ASTM C955, AISI S240

Meets ASTM standards C754 (nonstructural) and C1007 (structural) when installed properly in structure.

3rd Party Certification: Manufacturing verified & inspected by Home Innovation Research Labs, Inc.

