



PRODUCT SUBMITTAL SHEET

For more information or questions, please contact
the technical department: technical@buysuperstud.com



Flat Strap (18mil - 97mil)

Specification Section:

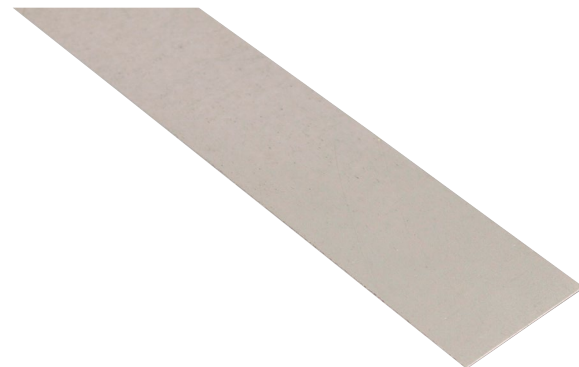
05.40.00 (Cold-Formed Metal Framing)

Coating:

- 18mil - 30mil: G40 (standard), G60 (special order)
- 33mil - 97mil: G60 (standard), G90 (special order)

SUPER STUD FLAT STRAP is a cold-formed steel component used for bracing, tensioning, and reinforcing light-gauge steel framing assemblies. Flat Strap is commonly installed diagonally or longitudinally to resist in-plane loads, including wind and seismic forces, as required by the project design.

Flat Strap is used in wall, ceiling, and floor assemblies and is installed in accordance with applicable codes, approved drawings, and project-specific engineering.



ALLOWABLE TENSILE CAPACITY OF STRAPS IN POUNDS

Item	width (inches)	Fy (ksi)	18 mil (25GA)	30 mil (DW 20GA)	33 mil (STR 20GA)	43 mil (18GA)	54 mil (16GA)	68 mil (14GA)	97 mil (12GA)
200FS	2"	33	743	1233	1367	1782	2237		
		50					3389	4269	6090
400FS	4"	33	1486	2466	2735	3565	4474		
		50					6778	8539	12180
600FS	6"	33	2229	3699	4102	5347	6711		
		50					10168	12808	18269
800FS	8"	33	2972	4932	5470	7130	8948		
		50					13557	17078	24359
1000FS	10"	33	3715	6165	6837	8912	11184		
		50					16946	21347	30449
1200FS	12"	33	4458	7398	8205	10694	13421		
		50					20335	25617	36539
1400FS	14"	33	5201	8631	9573	12476	15658		
		50					23724	29887	42629

CODES AND STANDARDS:

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

- International Building Code (IBC): 2006–2024
- AISI S100-16 (2020) w/S2-20 (where applicable)
- AISI S240 (where applicable)
- Sheet Steel: ASTM A1003/A1003M; ASTM A653/A653M
- Galvanized Coating: ASTM A653/A653M or equivalent
- Additional Standards: AISI S201; AISI S202

Accessories are manufactured to applicable ASTM and AISI standards based on product type and intended application.

For LEED Letter requests please submit through: www.buysuperstud.com

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This product catalog reflects the most current information available and supersedes any and all previous digital or printed publications effective December 2025