PRODUCT SUBMITTAL SHEET

For more information or questions, please contact:
Super Stud: technical@buysuperstud.com
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Flat Strapping

- **Specification Section:** 09.22.16 (Non-Structural Metal Framing)
- **Specification Section:** 05.40.00 (Cold-Formed Metal Framing)

Galvanized Coating:

- G40 standard for 18 and 30 mil. G60 standard for 33 mil and heavier, with G90 available upon request.
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Product Description: Super Stud / EB Metal US Flat Strapping is a cold-formed steel component available in widths ranging from 2" to 16" and steel thicknesses from 18 to 118 mil (25 to 10 gauge). Manufactured from galvanized steel, Flat Strapping is used to reinforce light-gauge steel framing assemblies and is installed in accordance with applicable codes, approved drawings, and project-specific engineering.

Applications: Flat Strapping is used for bracing, tensioning, and reinforcing wall, ceiling, and floor framing assemblies. It is commonly installed diagonally or longitudinally to resist in-plane loads, including wind and seismic forces, as required by the project design.

Item	Width (in.)	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	2734	3564	4474		
		50					6678	8538	12180
600FS	6"	33	2229	3699	4101	5346	6711		
		50					10167	12807	18270
800FS	8"	33	2972	4932	5468	7128	8948		
		50					13557	17076	24360
1000FS	10"	33	3715	6165	6835	8910	11185		
		50					16945	21345	30450
1200FS	12"	33	4458	7398	8202	10692	13422		
		50					20334	25614	36540
1400FS	14"	33	5201	8631	9569	12474	15659		
		50					23723	29888	42630
1600FS	16"	33	5944	9864	10936	14256	17896		
		50					27112	34152	48720

Codes & Standards:

- **Structural Members**
  - ASTM C955
  - AISI S240
  - Installed per ASTM C1007 (when applicable to installation)
- **Nonstructural Members**
  - AISI S220
  - ASTM C645
  - ASTM C754 (when applicable to installation)
- **Material Standards**
  - ASTM A1003/A1003M
  - ASTM A653/A653M
- **Design Standards**
  - AISI S100-16 (2020) w/S2-20
  - AISI S201
  - AISI S202
- **Building Codes**
  - International Building Code (IBC) 2006–2024
- **Sustainability & Compliance:**
  - SFIA Quality Certified Manufacturing
  - Industry-Wide EPD Participant
  - HPD Documentation Available Upon Request
  - LEED Documentation Available Upon Request
  - Buy America / Build America (BABA) Documentation Available Upon Request
  - Manufactured in USA

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