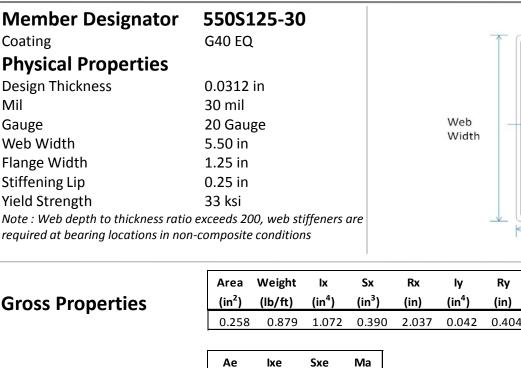


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# Submittal Data – Drywall Stud

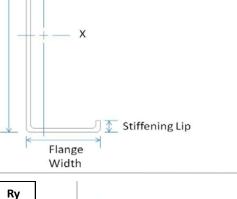
Y

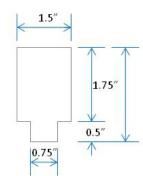




**Torsional Properties** 

Ae	lxe	Sxe	Ma	
(in <sup>2</sup> )	(in <sup>4</sup> )	(in <sup>3</sup> )	(in-lbs)	
0.109	1.048	0.307	6065	
-				
J <sup>×1000</sup>	Cw	Хо	Ro	β
(in <sup>4</sup> )	(in <sup>6</sup> )	(in)	(in)	
0.084	0.248	-0.680	2.185	0.90
-				





### Keyhole Punch

## Composite Limiting Wall Heights (5/8" Type X Gypsum Board)

	Spacing	5 psf			7.5 psf		10 psf		15 psf				
Section	(in) o.c.	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
550PS125-30	12	34'-0"	27'-0"	23'-7"	29'-9"	23'-7"	20'-7"	27'-0"	21'-5"	18'-9"	19'-4" f	18'-9"	16'-4"
550PS125-30	16	30'-11"	24'-6"	21'-5"	27'0"	21'-5"	18'-9"	24'-6"	19'-6"	17'0"	16'-9" f	16'-9" f	14'-10"
550PS125-30	24	27'-0"	21'-5"	18'-9"	23'-7"	18'-9"	16'-4"	20'-10" f	17'-0"	14'-10"	13'-8" f	13'-8" f	12'-11"

#### **General Notes**

- 1. MBA Building Supplies is a SSMA member company. MBA adheres to the product standards and quality standards as required by SSMA.
- 2. Physical properties and load tables have been calculated in conformance with the 2001 NASPEC for the Design of Cold-Formed Steel Structural Members, including the 2004 Supplement, and the IBC 2006, unless noted otherwise.
- 3. Allowable composite heights are calculated using ICC-ES AC86-2010. The 1/3 stress increase was not used.
- 4. Drywall framing members have a protective coating conforming to ASTM spec A 653/A 653M, G-40 min, or equivalent corrosion resistance.
- 5. Reference ASTM specification A 1003/A 1003 M table 1 for the universe of allowable coatings for light gauge steel framing.
- 6. Drywall framing members are marked with product information per the requirements of ASTM C 645 section 14.
- 7. All delivered material must be kept dry, preferably by being stored inside a building under a roof. If it is necessary to store material outside, it must be stacked off the ground, properly supported on a level platform, and fully protected from the weather. Reference ASTM C 754 section 8 and ASTM C 1007 section 4.
- 8. Drywall framing [nonstructural 25 gauge, 22 gauge and 20 gauge] is not permitted in load bearing (i.e. axial load greater than 200 lbs.) or exterior applications (i.e. transverse load greater than 10 PSF). Reference ASTM C 645 section 3.2.2.

### **LEED Green Building Credits**

MR Credit 2: Construction Waste Management – MBA steel framing is 100% recyclable.

MR Credit 4: Recycled Content – MBA steel framing is formed from no less than 25.5% post-consumer and 6.8% pre-consumer recycled content. MR Credit 5: Regional Materials – MBA has manufacturing facilities in Illinois and Alabama.

