

Berridge Spaceframe Building System

BUILDING SYSTEM



The Berridge Spaceframe Building System components are used for the construction of light-commercial and residential projects. The components provide a termite proof, fire resistant and a stronger option over wood materials. This system can be used with metal roofing, siding or any other standard building material. It is light weight, will not mold or rot, and is composed of recyclable material.

Materials

24 and 16 Gauge Steel

Specifications

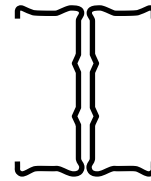
Uses: Framing

Installation

- Consult www.berridge.com for details



24 GA Studs
3 1/2" X 1 1/2"



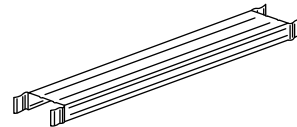
Double Stud
Assembly



16 GA
Cee-Channel
2 1/2" X 8"



24 GA Track
3 9/16" X 1 9/16"



24 GA Blocking
3 1/2" X 24"

	PHYSICAL PROPERTIES					GROSS PROPERTIES						
	Thickness (in)	Depth (in)	Flange (in)	Lip (in)	Weight (lb/ft)	Ag (in ²)	Ix (in ⁴)	Sx (in ³)	Iy (in ⁴)	Sy (in ³)	rx (in)	ry (in)
Single Stud	0.024	3.5	1.450	---	0.535	0.157	0.252	0.155	0.043	0.039	1.265	0.526
Double Stud	0.024	3.5	1.450	---	1.07	0.31491	0.504	0.309	0.149	0.097	1.265	0.689

	TORSIONAL PROPERTIES			FULL BRACED PROPERTIES & ALLOWABLE STRENGTH						
	J (in ⁶)	Cw (in ⁶)	Xo (in)	Ae (in ²)	Ix (in ⁴)	Sx (in ³)	Tension (lbs)	Moment (lbs-ft)	Shear (lbs)	
Single Stud	0.00003023	0.0715	-1.045	0.105	0.252	0.155	3771	309	1171	
Double Stud	0.00006046	0.14307	0.00	0.21001	0.504	0.309	7542	618	2343	

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.

© Berridge Manufacturing Company 2018 • 800-669-0009 • www.berridge.com



CORPORATE HEADQUARTERS

2610 Harry Wurzbach Road

San Antonio, TX 78209

(800) 669-0009

www.Berridge.com