



800-477-7883
buysuperstud.com

Super Stud Building Products - Product Submittal

Technical Services: 732-662-6217
technical@buysuperstud.com

New Jersey
2960 Woodbridge Avenue
Edison, NJ 08837
732-662-6200

Mississippi
53 W L Runnels Industrial Dr
Hattiesburg, MS 39401
601-584-7550

Alabama
4542 Baldwin Ave
Montgomery AL 36108
678-372-2635

RC1 Premier – Single Leg Resilient Channel

Specification Section: 09.22.16 (Non-Structural Metal Framing)

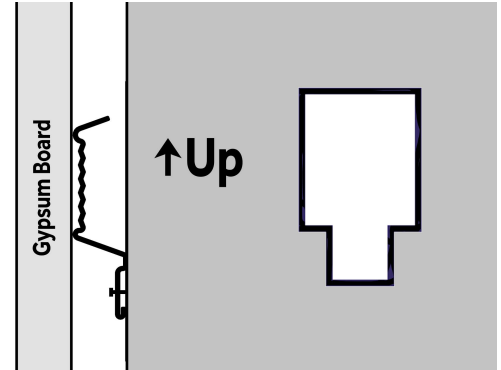
RC1 Premier from Super Stud and EB Metal US enhances the STC rating of your metal or wood framing project. Used as a cross-furring member, RC-1 is installed perpendicular to the framing members. Pre-punched for easy attachment with holes 2" O.C. Screws should be used to attach RC -1 to metal or wood framing as nailing is not recommended.

Depth	0.50 in	Yield Strength, F _y	40 ksi
Face Width	1.25 in	Full Width	2.125 in
Design Thickness	0.0188 in	Min. Steel Thickness	0.0179 in

Sound Rating for RC-1 Assemblies and The Edge Steel Framing

19 mil tests by Intertek. 15 mil test by WEAL. Some 16"o.c. STC ratings on The Edge studs are an interpolation of 24"o.c. Reports available on request technical@buysuperstud.com

Stud Spacing	Resilient Channel	R-13 Fiber-glass Batt	5/8" Type X Gypsum	STC Rating
362EDS125-15				
24" o.c.	No RC	With Insulation	1 and 1	51
	No RC	With Insulation	1 and 2	56
	No RC	With Insulation	2 and 2	58
16" o.c.	No RC	With Insulation	1 and 1	49
	No RC	With Insulation	1 and 2	53
	No RC	With Insulation	2 and 2	58
362EDS125-19				
24" o.c.	No RC	With Insulation	1 and 1	48
	RC1	With Insulation	1 and 1	52
	RC1	With Insulation	1 and 2	56
	RC1	With Insulation	2 and 2	60
16" o.c.	No RC	With Insulation	1 and 1	46
	RC1	With Insulation	1 and 1	50
	RC1	With Insulation	1 and 2	54
	RC1	With Insulation	2 and 2	58
2" x 4" Wood Stud Wall				
24" o.c.	No RC	With Insulation	1 and 1	39
	RC1	With Insulation	1 and 1	50
16" o.c.	No RC	With Insulation	1 and 1	36
	RC1	With Insulation	1 and 1	45
	RC1	With Insulation	1 and 2	49
	RC1	With Insulation	2 and 2	55
2" x 6" Wood Stud Wall				
24" o.c.	No RC	With Insulation	1 and 1	40
	RC1	With Insulation	1 and 1	51
16" o.c.	No RC	With Insulation	1 and 1	37
	RC1	With Insulation	1 and 1	46
	RC1	With Insulation	1 and 2	50
	RC1	With Insulation	2 and 2	56



Coating: G40 Standard or G60 available

Codes and Standards

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

International Building Code (IBC): 2006 – 2024
Sheet steel: ASTM A1003/A1003M; ASTM A653/A653M
Galvanized coating: ASTM A653/A653M
Members and tolerances: ASTM C955; AISI S240, AISI S201, AISI S202
Meets ASTM C1007 when installed properly in structure.
Meets ASTM C645



Sustainability

For LEED letters contact Technical Services at technical@buysuperstud.com or visit <https://www.buysuperstud.com/specs-resources/sustainability-and-green-building>

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