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## RC1 Premier – Single Leg Resilient Channel

### Specification Section: 09.22.16 (Non-Structural Metal Framing)

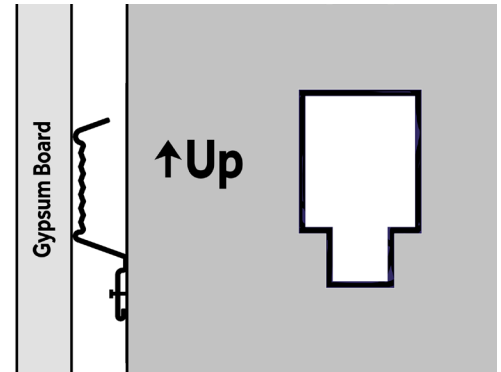
RC1 Premier from Super Stud and EB Metal US enhances the STC rating of your metal or wood framing project. Used as a cross-furring member, RC-1 is installed perpendicular to the framing members. Pre-punched for easy attachment with holes 2" O.C. Screws should be used to attach RC -1 to metal or wood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

Depth	0.50 in	Yield Strength, F <sub>y</sub>	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](mailto: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

RC1 complies 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

Super Stud Building Products and EB Metal US are now part of the same company with an expanded product line. Serving customers for over fifty years, Super Stud Building Products and EB Metal US are leading manufacturers of the industry's most innovative and diverse offerings of cold-formed steel framing components and accessories for use in the construction of commercial, institutional, and residential structures.



### Sustainability

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

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