# Super Stud Building Products - Product Submittal



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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.

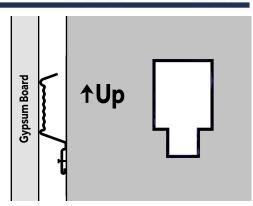
Depth	0.50 in	Yield Strength, F <sub>y</sub>	40 ksi
Face Width	1.25 in	Full Width	2.125 in
Design Thickness	0.0188 in	Min. Steel Thickness	0.0179 in

#### 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

Stud Spacing	Resilient	R-13 Fiber-glass	5/8" Type X	STC			
	Channel	Batt	Gypsum	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 Wal					
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			

### Sustainability

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



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

