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Super Stud Building Products - Product Submittal

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RC Super – 22 mil Single Leg Resilient Channel

Specification Section: 09.22.16 (Non-Structural Metal Framing)

RC Super from Super Stud and EB Metal US enhances the STC rating of your metal or wood framing project. Made from 22 mil steel RC Super is used as a cross-furring member, installed perpendicular to the framing members. Pre-punched for easy attachment. Screws should be used to attach RC Super to metal or wood framing as nailing is not recommended.

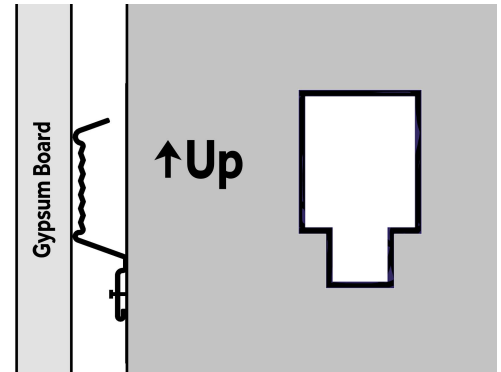
Depth	0.50 in	Yield Strength, F _y	40 ksi
Face Width	1.50 in	Full Width	2.50 in
Design Thickness	0.0232 in	Min. Steel Thickness	0.0220 in

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

Tests by Intertek. Reports available on request technical@buysuperstud.com

Tests used Type X gyp board and R-13 Fiberglass Batt

Stud Spacing	Resilient Channel	R-13 Fiber-glass Batt	5/8" Type X Gypsum	STC Rating
The Edge™ 362EDS125-15				
24" o.c.	No RC	With Insulation	1 and 1	51
	RC Super	With Insulation	1 and 1	52
	RC Super	With Insulation	1 and 2	56
	RC Super	With Insulation	2 and 2	60
16" o.c.	No RC	With Insulation	1 and 1	49
	RC Super	With Insulation	1 and 1	50
	RC Super	With Insulation	1 and 2	54
	RC Super	With Insulation	2 and 2	58
The Edge™ 362EDS125-19				
24" o.c.	No RC	With Insulation	1 and 1	48
	RC Super	With Insulation	1 and 1	52
	RC Super	With Insulation	1 and 2	56
	RC Super	With Insulation	2 and 2	60
16" o.c.	No RC	With Insulation	1 and 1	46
	RC Super	With Insulation	1 and 1	51
	RC Super	With Insulation	1 and 2	56
	RC Super	With Insulation	2 and 2	59
2" x 4" Wood Stud Wall				
24" o.c.	No RC	With Insulation	1 and 1	43
	RC Super	With Insulation	1 and 1	51
	RC Super	With Insulation	1 and 2	55
	RC Super	With Insulation	2 and 2	59
16" o.c.	No RC	With Insulation	1 and 1	37
	RC Super	With Insulation	1 and 1	48
	RC Super	With Insulation	1 and 2	53
	RC Super	With Insulation	2 and 2	57



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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