

Marino\WARE® Product Submittal Data

MARINO\WARE PART # RCC358

Rigid Clip Connector (RCC)

MATERIAL: 12ga (97 mil), 50 ksi

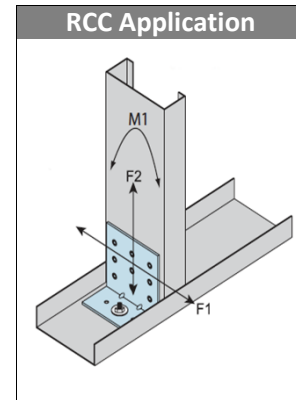
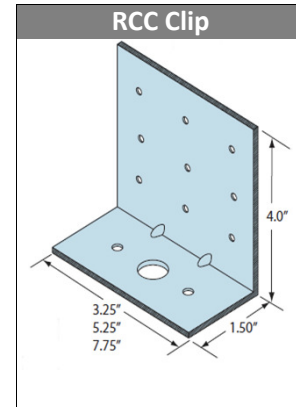
FINISH: Galvanized – G90



Model No.	Stud Size	Dimensions (in.)	Box Qty.
RCC358	3-5/8"	1-1/2 x 4 x 3-1/4	50
RCC600	6"	1-1/2 x 4 x 5-1/4	50
RCC800	8"	1-1/2 x 4 x 7-3/4	25

Allowable Strength of RCC in Moment (M1)

CFS Member		Allowable Strength (in-kips)					
		Flexibility (Rad/in-lb x106)					
Thickness (mils/ga.)	Fy (ksi)	RCC358		RCC600		RCC800	
		No. of Screws		No. of Screws		No. of Screws	
		3	6	3	6	5	10
33 (20)	33	0.82	1.51	1.79	2.29	2.78	3
		29.3	17.4	7.28	5.90	8.21	2.92
43 (18)	33	0.82	1.51	1.79	2.29	2.78	3.00
		29.3	17.4	7.28	5.90	8.21	2.92
54 (16)	50	1.43	1.51	3.23	3.23	3.46	5.91
		29.3	17.4	7.28	5.90	8.21	2.92
68 (14)	50	1.43	2.32	3.22	3.22	3.46	5.71
		29.3	17.4	7.28	5.90	8.21	2.92
97 (12)	50	1.43	2.32	3.22	3.22	3.46	5.71
		29.3	17.4	7.28	5.90	8.21	2.92



GREEN INFO LEED® v3

Available LEED® points in the following categories:

- MR Credit 2 - Construction Waste Management (1-2 points)
- MR Credit 4 - Recycled Content (1-2 points)
- MR Credit 5 - Regional Materials (1-2 points)

- Total Recycled Content: 34.9%
- Post Consumer Content: 24.3%
- Pre Consumer (Post Industrial) Content: 9.4%



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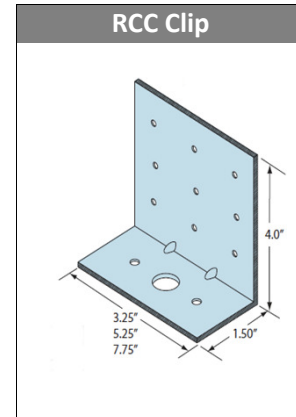
For more information, please contact Marino\WARE Technical Services at 866-545-1545.

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Allowable Strength of RCC in Tension/Compression (F2)

CFS Member		Allowable Strength (lbs.)					
Thickness (mils/ga.)	Fy (ksi)	RCC358		RCC600		RCC800	
		No. of Screws		No. of Screws		No. of Screws	
		3	6	3	6	5	10
33 (20)	33	530	1,060	530	1,060	884	1,767
43 (18)	33	789	1,578	789	1,578	1,315	2,116
54 (16)	50	1,602	2,116	1,602	2,116	2,116	2,116
68 (14)	50	1,640	2,116	1,640	2,116	2,116	2,116
97 (12)	50	1,640	2,116	1,640	2,116	2,116	2,116



Allowable Strength of RCC in Shear (F1)

CFS Member		Allowable Strength (lbs.)					
Thickness (mils/ga.)	Fy (ksi)	RCC358		RCC600		RCC800	
		No. of Screws		No. of Screws		No. of Screws	
		3	6	3	6	5	10
33 (20)	33	450	450	600	710	850	850
43 (18)	33	450	450	600	710	850	850
54 (16)	50	840	1,000	1,250	1,500	1,860	1,990
68 (14)	50	840	1,000	1,250	1,500	1,860	1,990
97 (12)	50	840	1,000	1,250	1,500	1,860	1,990

Notes:

1. Tabulated values are based on #10-16 screws with ultimate shear capacity of 1,600 lbs per screw.
2. Allowable loads have not been increased for wind or seismic.
3. Tabulated loads are based on 1/2" diameter bolt with 1/2" Type A plain washer with a nominal outside diameter of 1.062" & nominal thickness of 0.095".
4. It is the responsibility of the design professional to design the connection of the RCC to the supporting structure.
5. Use linear interaction for combination of F1, F2, ar
6. The 1/4" thick Heavy Duty Washer (HDW) meets ASTM A36 Standard Specification for Carbon Structural Steel and is made from hot rolled flat bar and painted gray for corrosion resistance.

