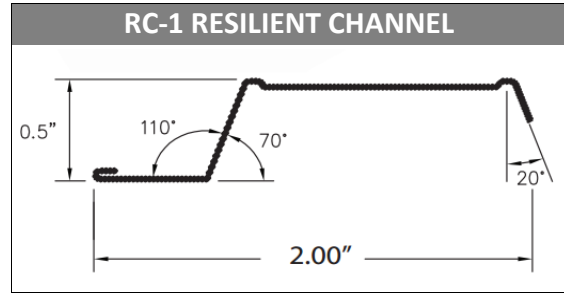


# Marino\WARE® Product Submittal Data

**PRODUCT NAME:** RC-1 RESILIENT CHANNEL

**PROPERTIES:**

<b>Width (in)</b>	2	<b>Yield Strength Fy (KSI)</b>	33
<b>Length (ft)</b>	12	<b>Mils</b>	18
<b>Available Finish</b>	G40, G60	<b>Gauge</b>	25
		<b>Design Thickness (in)</b>	0.0188
		<b>Minimum Thickness (in)</b>	0.0179



**USE:**

For furring over wood or steel framed walls and ceilings. Reduces contact with supporting members and offers an economical means for reducing sound transmission. Refer to your fire resistance design manual for STC ratings and ASTM C754 for complete installation instructions.

**INSTALLATION:**

**WALLS:** Fasten RC channels to steel studs at right angles with 3/8" Type S screws and with 1-1/4" Type W screws to wood studs. Locate the RC channel 2" maximum up from the floor, and within 6" of the ceiling, and at no more than 24" o.c. (16" o.c. max may be required depending on wall assembly type). Extend RC channels into all corners and attach to corner framing. Splice channels directly over studs by nesting (not butting). Mounting flange must be facing down, except for the starter row.

**CEILINGS:** Attach RC channels at right angles to the joists. Fasten the RC channel to steel joists with 1-1/4" Type S screws, and to wood joists with 1-1/4" Type W screws. Install the channels 24" o.c. when joist spacing is 16" o.c. and 16" o.c. when joists are spaced 24" o.c. One or two layers of gypsum board may be used.

**CODES & STANDARDS**

- ASTM C 645, E 119
- UL 263 (see specific assemblies for requirements)
- Galvanized steel sheet meets ASTM A 1003 & A 653
- Installation and storage requirements are per ASTM C 754

**GREEN INFO**

- LEED v4 credits available
- Contact Technical Services for more information



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

This technical information reflects the most current information available and supersedes any and all publications, effective 6/5/2024  
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