

## Resilient Channel – RC-1, RC-2, & RC-MAX

**USE:** For furring over wood or steel framed walls and ceilings. Reduced contact with supporting members offers an economical means for reducing sound transmission. Refer to your Fire Resistance Design manual for STC ratings.

**MATERIAL:** RC Resilient Channel meets or exceeds ASTM C 645. RC 1 & RC 2 are 33 ksi G40 available in 20 & 25 gauge. RC Max is a high strength RC 1 type Resilient Channel fabricated from 50 ksi 0.0200" thick G40 steel.

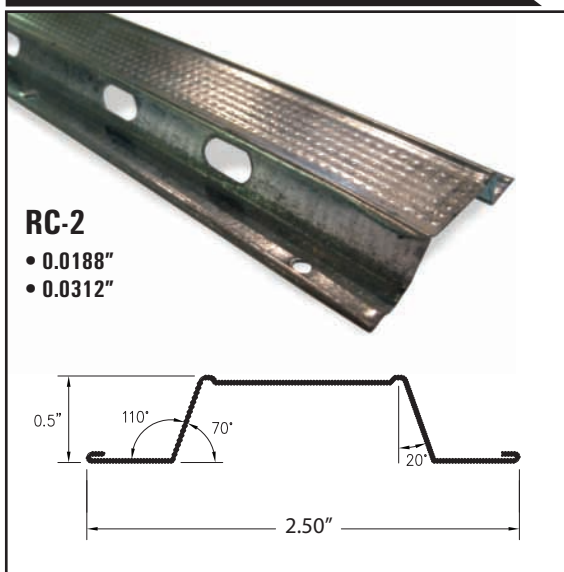
**INSTALLATION (WALLS):** Fasten resilient channels to steel studs with 3/8" Type S pan head screws, to wood studs with 1-1/4" Type W screws. Locate resilient channel 2" max up from the floor and within 6" of the ceiling and at no more than 24" on center intervals (16" on center max for some veneer plaster assemblies). Extend RC channels into all corners and attach to corner framing. Splice channels directly over studs by nesting (not butting) the channels and driving fasteners through both flanges into support.

**INSTALLATION (CEILINGS):** Attach Resilient Channels at right angles to the joists. Fasten the resilient channels to the joists with proper screw fasteners as stated above. Install resilient channels 24" on center maximum. If joist spacing is 16" on center then install RC channel 16" on center maximum. One or two layers of gypsum board may be used.

### RESILIENT CHANNEL

Model No.	Mils	Design Thickness	Size	Ft	Wt./Ft.	Bdl Qty
RC-1	18	0.0188"	2"	12'	0.152	20
RC-2	18	0.0188"	2.5"	12'	0.203	20
RC-Max	20	0.0200"	2"	12'	0.288	20
RC-1	30	0.0312"	2"	12'	0.243	20
RC-2	30	0.0312"	2.5"	12'	0.330	20

### RC-2



### RC-1 & RC-MAX

