PRODUCT NAME: RC-1 RESILIENT CHANNEL

PROPERTIES:
- Width (in): 2
- Length (ft): 12
- Available Finish: G40
- Yield Strength Fy (KSI): 33
- Mils: 18
- Gauge: 25
- Design Thickness (in): 0.0188
- Minimum Thickness (in): 0.0179

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.

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. Mounting flange down, except for starter row.

INSTALLATION (CEILINGS): Attach Resilient Channels at right angles to the joists. Fasten the resilient channels to steel joists with 1-1/4" Type S screws and to wood joists with 1-1/4" Type W screws. Install channels 24" on center when joist spacing is 16" on center, and 16" on center max when joist spacing is 24" on center. 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 v3 & LEED v4 credits available
- Contact Technical Services for more information