RSIC-1.5CRC Decoupler Clips

For applications that demand a higher sound transmission reduction, SoundSense 1.5-CRC Decoupler clips are ideal for drop ceiling configurations where a cold rolled channel is used to drop the ceiling 6” or more.

Applications:
- Home Theaters
- Mechanical rooms
- Libraries/Study
- Gyms
- Golf Rooms
- Master Suites

Installation:
CRC-1.5 Decoupler Clips are snapped onto Cold Rolled Channels (Spacing is recommended at a maximum of 24” OC). Place the top of the 1.5-CRC on the 1-1/2” (38 mm) Cold Rolled Channel, as to engage the top return of the 1.5CRC on the top flange of the 1-1/2” (38 mm) Cold Rolled Channel. While stabilizing the 1-1/2” (38 mm) Cold Rolled Channel snap the bottom portion of the 1.5 CRC on to the 1-1/2” (38 mm) Cold Rolled Channel, so as to fully engage the bottom return of the 1.5CRC onto the 1-1/2” (38 mm) Cold Rolled Channel bottom flange. Please note: Mechanical devises may be required such as adjustable pliers or Vise Grip (C4) clap to make the installation easier and quicker.

Drywall Furring Channels are then attached to the clips horizontally (creating a cross hatch assembly). Sheetrock is installed directly to the hat channel. For higher sound reduction, attach SoundSense LV-1 or SoundSense NO-2 to the furring channels. Then add two layers of sheetrock to the SoundSense LV-1 or NO-2.

Physical Properties:
Clip Dimensions: See Attached Page
Thickness: 1-5/8” (including 7/8” hat channel) to assembly
Material Composition: Natural blend neoprene grommet pad, threaded shaft attached to a center bushing of electroplated zinc mild steel with a galvanized steel retainer clip
Hardness: Shore A of 50 (neoprene grommet)
Tensile Strength: 10-11.2 MPa (neoprene grommet)
Heat Resistance: 70° C for 70 hours