

# RC-8™ Resilient Channel

## Installation & User Guide



### Spacing and Installation :

- **Wall Installation:** Secure **RC-8** horizontally 3" from the bottom and top of your wall, then approx. every 24" on center (*Example: An 8' high wall would require (5) 8-foot sections of RC-8 per 8' of wall width*). **RC-8** is installed with the flange on bottom as shown in the figure 1.
- **Ceiling Installation:** Secure **RC-8** to ceiling joists every 12" on center if using multiple layers of drywall and/or **SheetBlok**. Space every 16" on center if using only a single layer of drywall.
- **Floor Installation:** **RC-8** is NOT intended or designed for floor installations. **Auralex** recommends using **U-Boat Floor Floaters** when isolating a floor.

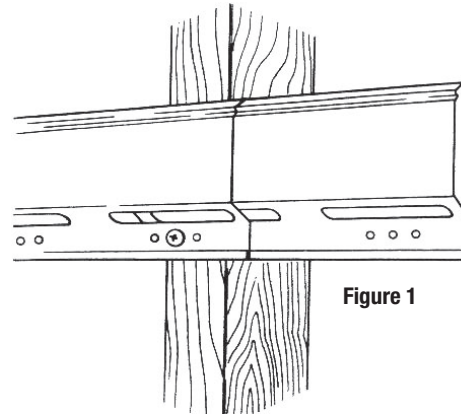
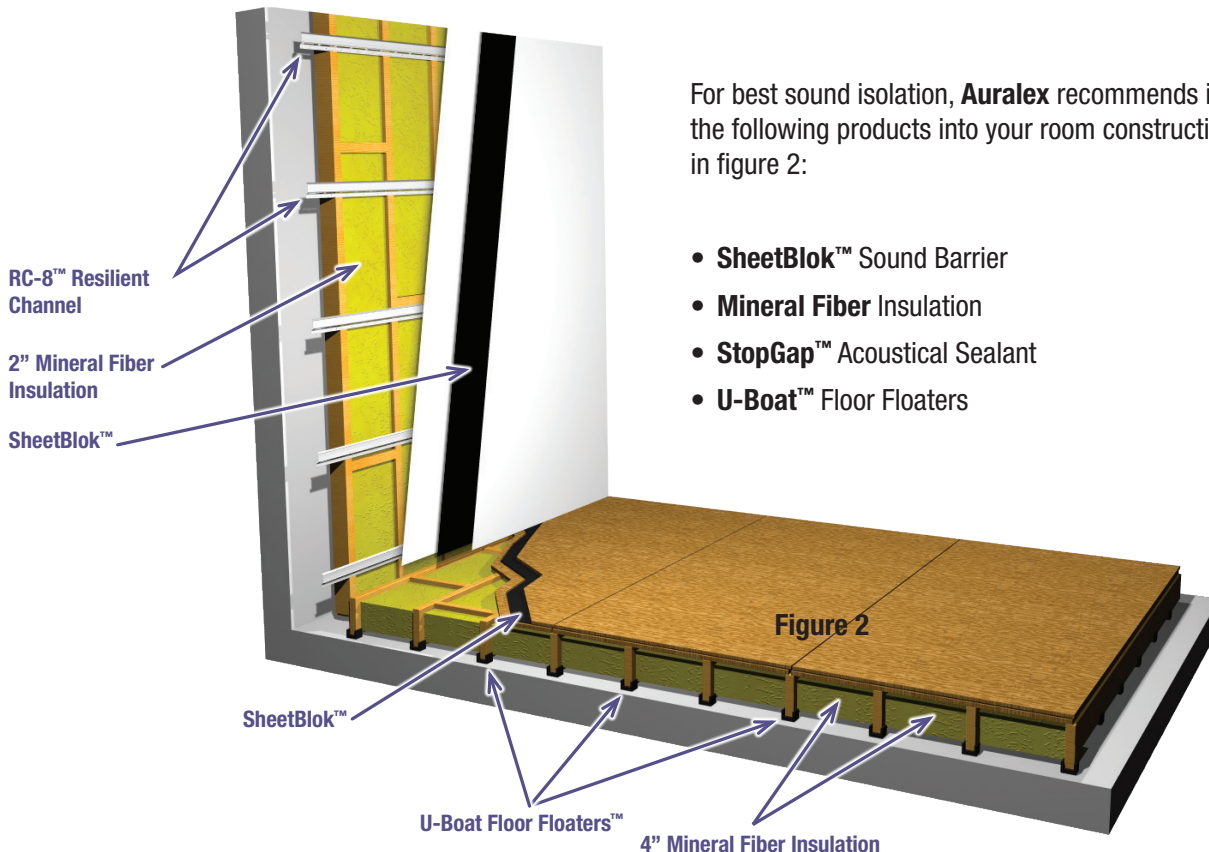


Figure 1

### General Notes:

- **RC-8** creates a nominal 1/2" spacing between the wall stud or ceiling joist and the drywall.
- When mounting two sections of **RC-8** to a single wall stud or ceiling joist, overlap the pieces and secure them together with the same screw. Do not butt the ends of the channel together, see figure 1.
- When mechanically fastening drywall to the **RC-8**, do not anchor the drywall to the wall stud or ceiling joist. **Auralex** recommends securing the drywall at the midpoints between studs and joists to prevent accidental coupling.
- Up to two layers of 5/8" drywall may be hung on **RC-8** OR one layer 5/8" drywall, one layer of **Auralex SheetBlok™** mass loaded vinyl barrier and one layer of 1/2" drywall.



For best sound isolation, **Auralex** recommends incorporating the following products into your room construction as shown in figure 2:

- **SheetBlok™** Sound Barrier
- **Mineral Fiber** Insulation
- **StopGap™** Acoustical Sealant
- **U-Boat™** Floor Floaters