

ClarkDietrich Sound Clip™ (CDSC)

Sound Isolation and Dampening Clip

The ClarkDietrich Sound Clip™ is used in conjunction with 18mil (25ga) 7/8" deep drywall furring channel. It is used to fasten gypsum wallboard in various wall and floor to ceiling applications, while simultaneously providing acoustical separation. This significantly reduces the amount of airborne sound filtering from room to room. The ClarkDietrich Sound Clip adds notable STC points to most assemblies while reducing sound transfer.

- Fasteners for Wood: #8 x 2-1/2" min size coarse thread screw only-no nails
- Fasteners for Steel: #8 x 1-1/2" min size fine thread screws-no nails
- Fasteners for Concrete or CMU: 1/4" drop-in anchor, 1/4" drive spike, 3/16" x tapcon, shoot in pin with washer, or product with equal load capabilities (Minimum 120lbs Ultimate, Shear and Pullout). Length of fastener determined by the concrete type, strength, and fastener min embed requirements.

Product Data & Ordering Information:

Material:	33ksi
Coating:	G60 hot-dipped galvanized coating
Thickness:	18ga (43mil), 0.0451" Design Thickness, 0.0428" Min. Thickness
Dimensions:	3" x 1-1/4" (Clip only)
Packaging:	(100) pieces per box
Product Weight:	0.13 lb. / piece

CDSC STC Sound Assemblies on 3-5/8" ProSTUD®

Wall Framing	Stud Spacing	Wall Board (Side1 / Side2)	Insulation	STC Rating
3-5/8" ProSTUD 20 (33mil)	24" o.c.	(1) layer / (1) layer - Type C	R-19	60
3-5/8" ProSTUD 20 (33mil)	24" o.c.	(1) layer / (2) layers - Type C	R-19	62
3-5/8" ProSTUD 20 (33mil)	24" o.c.	(2) layers / (2) layers - Type C	R-19	63
3-5/8" ProSTUD 25 (15mil)	16" o.c.	(1) layer / (1) layer - Type X	R-11	56
3-5/8" ProSTUD 25 (15mil)	16" o.c.	(1) layer / (2) layers - Type X	R-11	60
3-5/8" ProSTUD 25 (15mil)	16" o.c.	(2) layers / (2) layers - Type X	R-11	62

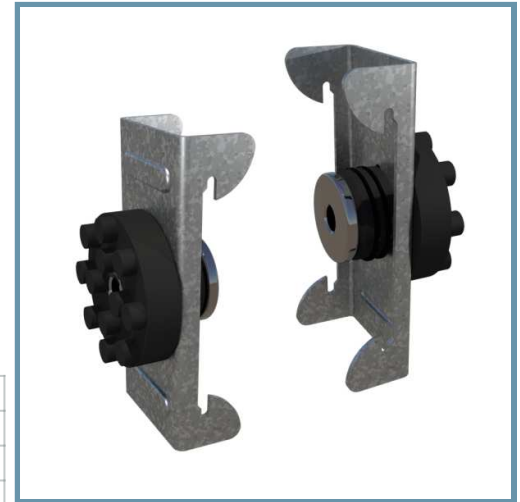
CDSC STC Sound Assemblies on 2 x 4 Wood

Wood Framing	Stud Spacing	Wall Board (Side1 / Side2)	Insulation	STC Rating
2" x 4"	16" o.c.	(1) layer / (1) layer - Type C	R-19	60
2" x 4"	16" o.c.	(1) layer / (2) layers - Type C	R-19	61
2" x 4"	16" o.c.	(1) layer / (1) layer - Type X	R-19	53
2" x 4"	16" o.c.	(1) layer / (2) layers - Type X	R-19	57
2" x 4"	16" o.c.	(2) layers / (2) layers - Type X	R-19	62

1. Sound Assemblies are certified by Western Electro-Acoustical Laboratories 2. NVLAP Accredited for ASTM E90 & E413, ISO Certified 3. See STC test reports at www.clarkdietrich.com/CDSC for detailed requirements of wall assembly.

Code Approvals & Performance Standards

- [ASTM A653](#) Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
- [ASTM A1003](#) Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members
- [ASTM D395](#) Standard Test Methods for Rubber Property - Compression Set
- [ASTM D412](#) Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomer - Tension
- [ASTM D573](#) Standard Test Method for Rubber - Deterioration in an Air Oven
- [ASTM D1149](#) Standard Test Methods for Rubber Deterioration - Cracking in an Ozone Controlled Environment
- [ASTM D2000](#) Standard Classification System for Rubber Products in Automotive Applications
- [ASTM D2137](#) Standard Test Methods for Rubber Property - Brittleness Point of Flexible Polymers and Coated Fabrics
- [ASTM D2240](#) Standard Test Method for Rubber Property - Durometer Hardness
- [UL File Number R19331](#) Full list of ProSTUD, Spazzer, Resilient Channel, Sound Clip and Barrier Mesh UL design assemblies
- [SDS CD Sound Clip](#) Interior framing sound improvement



- Used in conjunction with 7/8" 25 ga Furring Channel
- 48" o.c. maximum spacing
- Maximum design load is 36 lbs.
- Ideal for use in multi-family dwelling, hotels, theaters and hospitals
- **SOUND TESTING FOR TYPE X & TYPE C BOARDS**

