

## isoTRAX<sup>®</sup> Soundproofing System

Aluminum Resilient Channel System with Neoprene Isolation Mounts and Installation Hardware

### Features & Benefits:

- **Noise Reduction Performance** - The Sound Transmission Class (STC) ranges from 52 - 61 when applied to 16 inch on center, 2x4 wood stud walls.
- **Ease of Installation** - isoTRAX<sup>®</sup> requires a basic understanding of common construction tech-niques. This product was engineered for the do-it-yourselfer and contractor alike.
- **Affordable** - One package covers up to 64 SqFt. Total installed cost is lower than comparable soundproofing systems. Everything you need to soundproof your environment is included and delivered to your door.
- **Versatility** - isoTRAX<sup>®</sup> will reduce sound transfer on existing and newly constructed walls or ceilings. isoTRAX<sup>®</sup> can be installed on wood or steel studded walls.



### General Information:

The isoTRAX<sup>®</sup> Soundproofing System works by combining several different soundproofing strategies into one easy to use package. Designed to be installed inside of a wall or ceiling, the isoTRAX<sup>®</sup> kit contains 5 sound isolation rails, which are used to decouple or separate the drywall from the studs in your assembly. The kit also includes 18 visco elastic sound deadening pads, which help eliminate vibrational noise and further reduce the sound transmitted. The system is installed utilizing special hex head screw and visco elastic washers that are also included in the package. Simple installation instructions are included and also available on-line, to guide everyone from the do-it-yourselfer to the construction pro through the process, step by step. Our Acoustical Consultants are also available to provide support and answer any questions or concerns that you may have about your unique soundproofing project.

Years of Acoustic experience and Customer Service have taught us that a good soundproofing product should provide three things:

1. Excellent performance
2. Simple installation
3. Easy access to excellent service when questions or concerns arise

When we created the isoTRAX<sup>®</sup> Sound Isolation System we had these exact things in mind. Our goal was to create a product that would deliver a high quality sound proofing solution in an easy to install package, and then provide world class service to back up our product.

### Product Availability and Coverage:

One package of isoTRAX<sup>®</sup> will treat a 64 sqft area and includes the following items:

- 5 - sound isolation rails
- 18 - visco elastic pads
- 18 - hex head screws with visco elastic washers

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#### ADDRESS

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#### WEB

[www.soundproofcow.com](http://www.soundproofcow.com)



**Applications:**

Professional and Home Theaters • Professional and Home Recording Studios • Offices • Multi and Single Family Homes  
• Restaurants • Band Practice Rooms • Broadcast Studios • Equipment Rooms • Workshops • Classrooms

**Acoustic Data:**

**New Construction (wall):**

Product	Wall Assembly Description	STC*	OITC*
isoTRAX®	2 x 4 wood stud, 16 O.C., receive side: 1 layer 5/8 type X gypsum source side: 1 layer 5/8 type X gypsum insulation: R19, un-faced	52	39
isoTRAX®	2 x 4 wood stud, 16 O.C., receive side: 1 layer 5/8 type X gypsum source side: 2 layers 5/8 type X gypsum insulation: R19, un-faced	55	42
isoTRAX®	2 x 4 wood stud, 16 O.C., receive side: 2 layers 5/8 type X gypsum source side: 2 layers 5/8 type X gypsum insulation: R19, un-faced	58	46
isoTRAX®	2 x 4 wood stud, 24 O.C., receive side: 1 layer 5/8 type X gypsum source side: 1 layer 5/8 type X gypsum insulation: R19, un-faced	55	37
isoTRAX®	2 x 4 wood stud, 24 O.C., receive side: 1 layer 5/8 type X gypsum source side: 2 layers 5/8 type X gypsum insulation: R19, un-faced	58	43
isoTRAX®	2 x 4 wood stud, 24 O.C., receive side: 2 layers 5/8 type X gypsum source side: 2 layers 5/8 type X gypsum insulation: R19, un-faced	61	47

\* STC = Sound Transmission Class

\* OITC = Outdoor Indoor transmission Class

**Pre-Existing Construction (wall):**

Product	Wall Assembly Description	STC*	OITC*
isoTRAX®	Existing wall assembly: 2 x 4 wood stud, 16 O.C., with R19, un-faced insulation and a layer of 5/8 type X gypsum on each side of the wall. source side: 1 layer 5/8 type X gypsum attached to isoTRAX®	42	30
isoTRAX®	Existing wall assembly: 2 x 4 wood stud, 16 O.C., with R19, un-faced insulation and a layer of 5/8 type X gypsum on each side of the wall. source side: 2 layers 5/8 type X gypsum attached to isoTRAX®	48	35

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