QuietSlide
STC 51 Sliding Doors

by

NOISE BARRIERS, LLC.

Horizontal Sliding Designs

- Stage & Scene Shops
- TV & Production Studios
- Machinery Enclosures
- Mechanical Equipment Rooms
- Convention Centers
- Concert Halls
- Schools
- Theaters
- Engine Test Cells
- Auditoriums

Horizontal Sliding Doors

- Single slab or bi-parting options
- Motorized or manual operation
- Six-way adjustable design
- Suitable for interior or exterior use
- Safety reversing edge
- Custom sizes available

54 Inch Wide, STC 51 Slider

DePaul University Theater School Sliding Door

12'x14' STC 51 Sliding Stage Door

STC 51 Test Cell Sliding Door

NOISE BARRIERS, LLC.  www.noisebarriers.com
Features

- Doors function utilizing Noise Barriers Slide, Drop and Lock (SDL) System where as all seals are in compression, no pneumatic seals necessary

- Design provides pressure equilibrium and continuous seal at head, jambs and sill

- Innovative design permits six-way adjustment: left - right, up - down, in - out

- Door does not need to be removed to adjust seals to be plum, level and true

- Heavy duty track and trolley system incorporates two-way adjustable steel rollers with stainless steel ball bearings for smooth horizontal and vertical operations

- Durable 12 gauge steel construction on interior and 16 gauge steel skin on exterior

- Oversized doors incorporate electrical motor operation with variable speed operation and UL listed control panels

- 3-wire “fail-safe” reversing edge

Acoustic Performance Data

| Center Frequency, Hz | 100  | 125  | 160  | 200  | 250  | 315  | 400  | 500  | 630  | 800  | 1k   | 1.25k | 1.6k | 2k   | 2.5k | 3.15k | 4k   | 5k   | STC |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| SDL-51              | 36   | 34   | 40   | 43   | 44   | 47   | 47   | 47   | 50   | 50   | 50   | 53   | 52   | 52   | 52   | 54   | 57   | 60   | 63   | 51   |

Test#RAL-TL03-227
All tests performed by Riverbank Acoustical Laboratories, an independent NVLAP accredited acoustical testing facility.
The test method conforms with ASTM Designations E90-02 and E413-87.

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