

QuietSlide STC 51 Sliding Doors

Horizontal Sliding or Vertical Lift 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

Vertical Lift Doors

- Single slab or telescoping options
- Motorized or manual operation
- Six-way adjustable design
- Counter weights and safety stops
- Fail-safe design
- Safety reversing edge
- Custom sizes available



30' x 34' high NIC 47, telescoping vertical-lift door installed in Noise Barriers' 63Hz, cutoff 40' x 60' x 45' high Hemi-Anechoic Chamber.

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, jams 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



8' x 10' "L" shaped STC 45 Bi-Parting Door, Indianapolis, IN



Acoustic Performance Data

1/3 Octave Band 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	
Sound Transmission Loss Data, dB																				
QSL-51	36	34	40	43	44	47	47	47	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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