

QuietSwing

Sound Control Doors

Architectural

Single-Leaf, Double-Leaf or Bi-Fold Designs

- Radio/TV/Audio Recording Studios
- Stage and Rehearsal Areas
- Convention Halls
- Auditoriums
- Music Practice Rooms
- Concert Halls
- Home Theaters
- Conference Rooms
- Secure Areas
- Sensitive Compartmented Information Facilities (SCIF)
- Offices and Executive Suites
- Doctors' Offices—HIPAA Compliance
- Psychiatrist/Psychologist Offices
- Audiometric Exam Rooms
- Schools



ABOVE: 3' x 7' STC45 Door with Acoustical Site Lite, Addison, TX



3' x 7' STC 50 Wood Veneer Door, Chicago, IL



6' x 7' STC 50 Double Leaf Door, Ft. Worth, TX



3' x 7' STC 50 Door, Boston, MA



3' x 7'-6" STC 52 Single-Leaf Door fully glazed.
New York, NY



12' x 12' STC 50 Exterior Door, Oriental Theater
Chicago, IL

Features

Architectural Doors

NoiseBarriers, LLC. is your turnkey provider for all sound control door needs.

- Guaranteed acoustic performance
- All doors are tested at Riverbank Laboratories, an independent NVLAP approved testing facility
- All hardware, seals and hinges are factory installed
- Door includes custom cam-lift hinge design, eliminating the need for a threshold in most applications
- Adjustable mortised bottom seal allows the door to adapt to site floor conditions
- Double magnetic seals at head and jambs
- Split-frame assembly allows installation into existing openings
- All doors with vision panels are factory glazed prior to shipment
- Designed to work with standard building hardware, factory installed if desired
- Ease of operation conforms to ADA
- Available in single-leaf, double-leaf and bi-fold designs
- Wood veneer finish available

All door and frame components are tested as a complete assembly prior to shipment.

Acoustic Performance Data

	1/3 Octave Band Center Frequency, Hz																	STC	
	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	3.15k	4k		5k
Sound Transmission Loss Data, dB																			
QS-45	28	29	34	33	33	35	40	41	44	47	48	47	48	48	47	48	50	41	45
QS-48	28	36	35	36	41	42	45	45	45	50	51	51	52	50	50	50	52	53	48
QS-50	27	37	37	38	42	44	47	50	49	49	49	49	49	51	52	53	55	57	50
QS-52	34	39	37	40	43	45	48	51	52	53	53	50	51	54	58	59	61	59	52
QSL-51	36	34	40	43	44	47	47	47	50	50	53	52	52	52	54	57	60	63	51

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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