



QuietSwing® QuietPivot™

ARCHITECTURAL DOORS



QuietSwing®

ALL OUR DOOR AND FRAME COMPONENTS ARE SWING TESTED AS A COMPLETE ASSEMBLY PRIOR TO SHIPMENT.

CHECK OUT OUR ALEXIS DOOR VIDEO HERE! →



ALEXIS™ SERIES

✓ Patent Pending

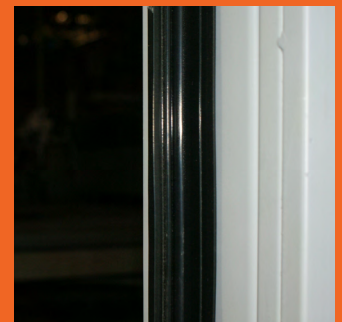
3-AXIS ADJUSTABLE
CONCEALED
HINGE



LOW VISUAL
DISTORTION
LITE SYSTEM



PROPRIETARY
SILICONE POLYMER
COMPRESSION SEAL



SHIPS IN ONE PIECE FOR
EASY INSTALLATION



SINGLE-LEAF &
DOUBLE-LEAF
PATENT-PENDING DESIGN

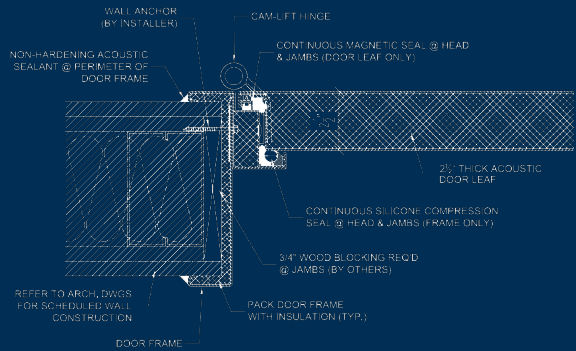
- Studios
- Performance Halls
- Classrooms
- Jury Rooms
- Mechanical Equipment Rooms
- Control Rooms
- Conference Rooms
- Secure Areas
- Auditoriums
- Quiet Rooms
- Sensitive Compartmented Information Facilities (SCIFs)

FEATURES:

- Guaranteed acoustic performance
- All doors are tested at Riverbank Laboratories or USG Testing Services Lab, both are independent NVLAP approved door testing facilities
- All hardware, seals and hinges are factory installed
- Door includes custom cam-lift hinge design, eliminating the need for a threshold
- 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

THE COMPRESSION SEAL IS A CUSTOM DESIGNED SEAL FOR USE ON THE FRAME IN CONJUNCTION WITH A MAGNETIC SEAL ON THE DOOR LEAF.

SINGLE-LEAF & DOUBLE-LEAF PATENT-PENDING DESIGN



- Studios
- Performance Halls
- Classrooms
- Music Practice Rooms
- Jury Rooms
- Hospitals
- Assisted Living Facilities
- Conference Rooms
- Secure Areas
- Auditoriums
- Audiometric Rooms
- Sensitive Compartmented Information Facilities (SCIFs)

OPTIONAL FEATURES:

- Fire Rated
- Impact Resistant
- Wood veneer finish available

FEATURES:

- Reduces required force to disengage seals
- Guaranteed acoustic performance
- EZ Open™ Compression Seal is compatible with 2-1/2" and 3-1/2" door thicknesses and designed to work with standard building hardware
- All hardware, seals and cam-lift hinges are factory supplied and installed
- Split-frame assembly allows installation into existing openings
- All doors with vision panels are delivered factory glazed
- All doors are tested at independent NVLAP approved testing facilities

THE QuietSwing® DOOR IS COMPLETELY FACTORY ASSEMBLED INCLUDING THE INSTALLATION OF BOTH SETS OF MAGNETIC SEALS, ALL HARDWARE AND EVEN GLAZING IF REQUIRED. THE RESULT IS A DOOR THAT LEAVES THE FACTORY TRULY READY TO INSTALL.



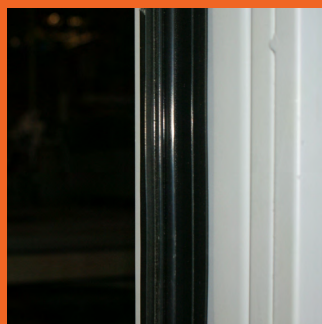
STANDARD SERIES

QuietSwing®

EZ OPEN™ DOORS ARE COMPATIBLE WITH NOISE BARRIERS QUIETSWING™ STC 45, 49, 50 AND 51 DOORS!

EZ OPEN SERIES

PROPRIETARY SILICONE POLYMER COMPRESSION SEAL



SEAL SYSTEM REDUCES THE PUSH/PULL FORCE TO LESS THAN 3LBS*!



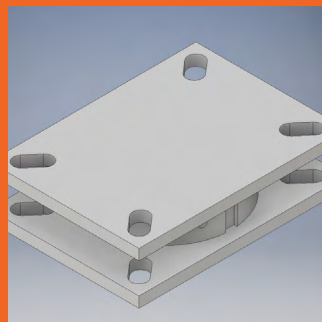
OUR SOUND CONTROL DOORS START PERFORMING THE MOMENT THEY ARRIVE ON THE JOB SITE. GET IN TOUCH WITH US TODAY TO DISCUSS YOUR QUIETPIVOT DOOR

PIVOT DOOR SERIES

DOUBLE MAGNETIC SEALS AT HEAD AND JAMS



SMOOTH ROTATING PIVOT BLOCK



APPLICATIONS

- Theaters
- Performing Arts Centers
- Auditoriums
- TV and Music Productions Studios
- Concert Halls
- Museums
- Convention Centers
- Schools
- Edit Suites
- Modular Recording Studios and Voice-Over Rooms

FEATURES:

- Center Pivot, low friction, Door panel movement
- Endless positions for doors "open positions"
- One or all door panels can be operational as desired
- Double Magnetic seal system
- Mortised Bottom seals
- Double magnetic seals at head and jambs
- Split frame design for jambs and header
- Typically fixed handle system can be utilized
- Millwork and veneering are available
- Ease of operation conforms to ADA

SEE OUR PIVOT DOORS
IN ACTION



ACOUSTICAL PERFORMANCE DATA

SOUND TRANSMISSION LOSS DATA, dB

1/3 Octave Band Center Frequency, Hz	125	250	500	1K	2K	4K	STC
ALX-51, 1 ^{3/4} " Thick	27	45	48	53	53	55	51
QS-45, 2 ^{1/2} " Thick - 11.2 PSF	29	33	41	48	48	50	45
QS-46, 2 ^{1/2} " Thick - 8.6 PSF	36	41	45	51	50	52	46
QS-50, 2 ^{1/2} " Thick - 10.1 PSF	37	42	50	49	51	55	50
QS-51, 2 ^{1/2} " Thick - 10.1 PSF	40	44	48	52	52	55	51
QS-52, 2 ^{1/2} " Thick - 10.5 PSF	40	44	50	53	54	56	52
QS-54, 3 ^{1/2} " Thick - 18.3 PSF	37	47	52	54	55	60	54
QS-56, 3 ^{1/2} " Thick - 20.9 PSF	38	46	55	55	60	63	56

1/3 Octave Band Center Frequency, Hz	125	250	500	1K	2K	4K	STC
QS-61, 3 ^{1/2} " Thick - 19.3 PSF	42	53	59	63	66	71	62
QS-64, 5" Thick - 19.7 PSF	51	59	70	70	71	73	70

These are an NIC 62 and 70. Field testing results may vary due to Room Size, Configuration, and Room Acoustics.

QuietPivot ACOUSTICAL 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
QS-45	32	31	32	33	34	36	40	42	45	47	48	48	49	50	50	47	47	48	45

All tests performed by an independent NVLAP accredited acoustical testing facility. The test method conforms with ASTM Designations E90-02 and E413-87.