When acoustic performance is a requirement, QuietSwing doors are the answer.
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

Noise Barriers is your turnkey provider for all sound control door needs

Acoustic Performance Data

<table>
<thead>
<tr>
<th>1/3 Octave Band Center Frequency, Hz</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1K</th>
<th>2K</th>
<th>4K</th>
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<tr>
<td><strong>Sound Transmission Loss Data, dB</strong></td>
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<tr>
<td>QS-45 - 2½” Thick - 11.2 PSF</td>
<td>29</td>
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<td>QS-46 - 2½” Thick - 8.6 PSF</td>
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<td>QS-50 - 2½” Thick - 10.1 PSF</td>
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<td>42</td>
<td>50</td>
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<tr>
<td>QS-51 - 2½” Thick - 10.1 PSF</td>
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<td>44</td>
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<tr>
<td>QS-52 - 2½” Thick - 10.5 PSF</td>
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<td>QS-54 - 2½” Thick - 18.3 PSF</td>
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<td>QS-56 - 2½” Thick - 20.9 PSF</td>
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All tests performed by an independent NVLAP accredited acoustical testing facility. The test method conforms with ASTM Designations E90-09 and E413-87

Acoustic Performance Data

<table>
<thead>
<tr>
<th>1/3 Octave Band Center Frequency, Hz</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1K</th>
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<td>QS-61 - 3½” Thick - 19.3 PSF</td>
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<tr>
<td>QS-64 - 5” Thick - 19.7 PSF</td>
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These are NIC 62 and 70. Field testing results may vary due to Room Size, Configuration, and Room Acoustics.
All our door and frame components are swing tested as a complete assembly prior to shipment

- 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 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

The Bottom Line:
Our Sound control doors start performing the moment they arrive on the job site. Get in touch with us today to discuss your QuietSwing Door needs.
Have other sound control needs?
Below are some of our other product lines

**QuietSound™**
*MUSIC PRACTICE ROOMS*

**QuietLite™**
*ARCHITECTURAL ACOUSTIC WINDOWS*

**QuietSwing™**
*ARCHITECTURAL WOOD VENEER DOORS*