

ACOUSTICAL DOOR



Closing the door on noise - A breakthrough in sound isolation.

In today's finest recording, broadcasting and music facilities every detail matters. Sound isolation is critical for excellence in any performance environment. That's why Wenger engineers and acoustical experts created an acoustical door that not only provides superior sound isolation - it offers an easy, adjustable and reliable fit for any application.

A small gap or imperfection in an acoustical door becomes a large problem. The Wenger Acoustical Door is pre-engineered for consistent, high-integrity installation. And the split-frame design, composed of 14-gauge rigid frame steel construction, ensures proper installation and dependable performance. Compared to kit solutions or doors that assemble with multiple components, Wenger's simple design ensures a good fit time after time. Wenger doors are rated STC 50 to STC 54 and are available in an assortment of configurations.

So whether you're building, renovating, adding on or replacing doors that don't work, the Wenger Acoustical Door is your solution to sound isolation.



**Solid
(STC 50)**

**Accent Window
(STC 50)**

**Full Window
(STC 51)**

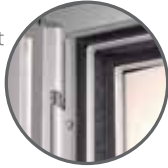
**Half Window
(STC 50)**

**6' (1.83 m) Double Door
(STC 49)**

ACOUSTICAL DOOR



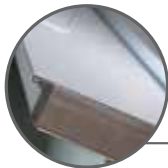
Continuous cam-lift hinge eliminates pinch points.



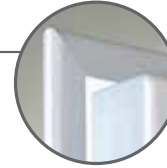
Unique shim tool makes it easy to firmly secure the frame to the wall.



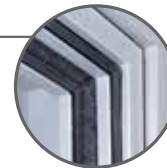
Teflon coated sweep seal features a modified profile for smooth door operation.



Isolated crimp construction for consistent performance.



Continuous dual magnetic seals are pre-aligned - no adjustments required.



Different thickness in window panels and steel door construction prevents same-frequency vibration.



PRODUCT SPECIFICATIONS:

- Pre-engineered split-frame for a superior fit.
- Rigid 14-gauge steel split-frame for high integrity installations.
- Isolated crimp construction for more consistent performance.
- Continuous cam-lift hinge improves sound isolation and eliminates pinch points.
- Continuous dual magnetic seals are pre-aligned in the door frame.
- Solid 12-gauge and 14-gauge steel door construction.
- STC 51 rating for a 3' (914 mm) door with full window.
- Easy to install sound absorption foam strips.
- Durable design with maintenance interval of 100,000 cycles.
- Superior Teflon®-coated sweep-seal.
- Stainless steel sill plate.
- Standard mortise pocket for easy lever set installation.
- Door leaf and frame of same width are interchangeable.
- 6' (1829 mm) double door mullion is removable without tools removable mullion.
- Accommodates wall thickness from 4½" (114 mm) to 12½" (318 mm).
- Available in four widths: 3' (914 mm), 3½' (1067 mm), 4' (1219 mm) and 6' (1829 mm).
- Most models available with a one-hour fire rating.
- Patented.

Wenger

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MUSIC EDUCATION AND PERFORMING ARTS

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