

Fleming Acoustical Doors

STC 55 Door System

Door

- Single doors available
- 2'0" x 6'8" min, 4'0" x 8'0" max size
- 2-1/2" thick door
- 18 or 16 gauge steel
- Seamless door edges
- 3/8" undercut
- No lead or asbestos

Frame

- Special STC frame with bevelled rabbet and 1" high stops
- 1" and 2" faces with 4" head option
- 16 or 14 gauge steel
- Depths 6-3/4" to 14"
- Fully welded corners
- Recommend field back filling of frame with concrete or other flank proof material

Hardware

Lock

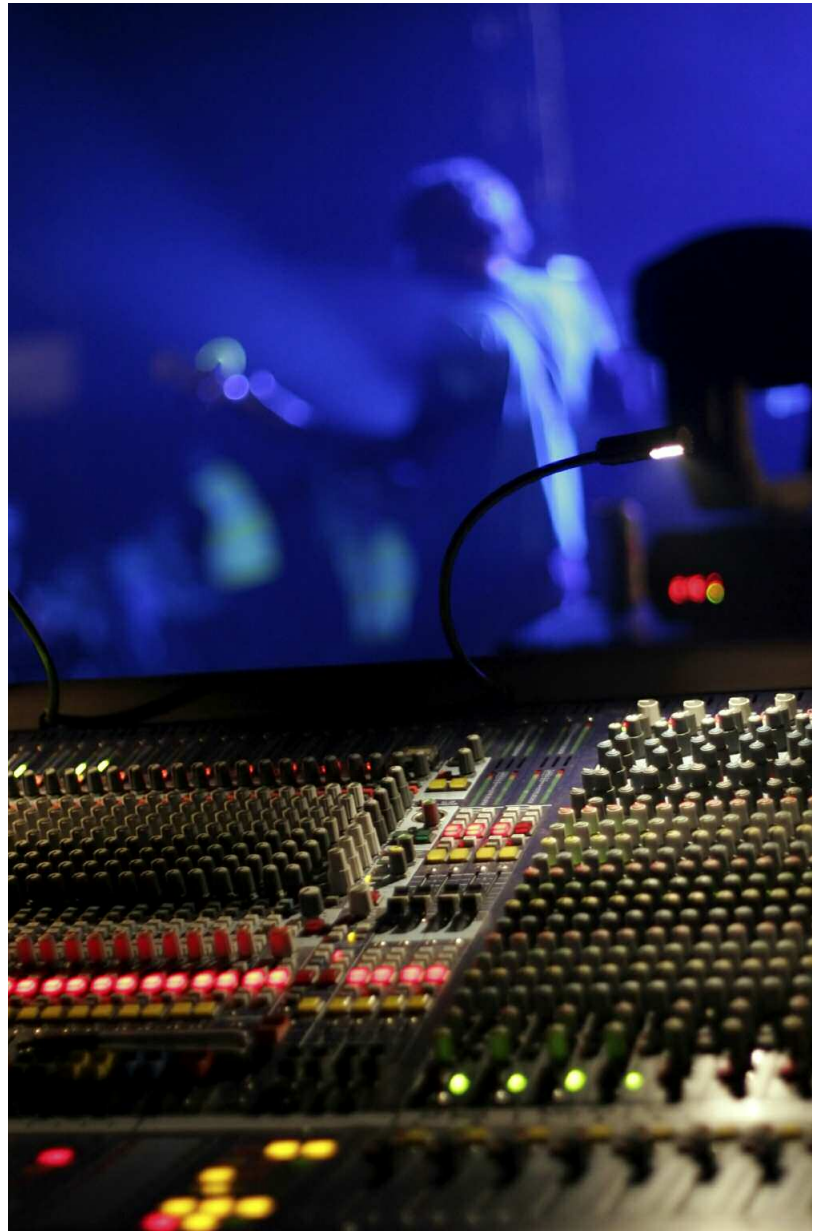
- SARGENT 11-Line Cylindrical Lock with STC option ordered separately. See 11-Line Catalog for details
- CORBIN RUSSWIN CL3100 Cylindrical Lock with STC option (available early (2012). Ordered separately. See CL3100 Catalog for details

Hinge

- PEMKO X2.5M83C heavy duty continuous hinge supplied

Sound Seals

- PEMKO (S776 & S44) sustainable silicone applied sound seals and 2008STCxQ380 threshold supplied



The Acoustical STC 55 Door System from Fleming is the perfect choice for any room where sound transmission needs to be kept to a minimum. The Acoustical STC 55 Door System will help to insure the quality of sound in or outside the room won't be affected by other noise sources. Continuous development has created an innovative product design that is easy to install.

Applications

Theatres and auditoriums • Sound stages and production areas • Recording studios • Music classrooms • Conference rooms • Convention halls • Offices and more



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The Acoustical STC 55 Door System includes door, frame, sound seals, continuous hinge and threshold. All Fleming Acoustical products have been tested by National Voluntary Laboratory Accreditation Program (NVLAP) laboratories incorporating the latest ASTM standards.

ASTM E90

Standard test method for laboratory measurement of airborne sound transmission loss of building partitions.

ASTM E 413

Classification for rating sound insulation.

ASTM E 1332

Standard classification for determination of outdoor indoor transmission class.

ASTM E 2235

Standard test method for determination of decay rates for use in sound insulation test methods.

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