1-3/4" Sound-Tech Xpress

STC 32-47 (Single Embossed 2 and 6 Panel Doors)

TESTED AND IN COMPLIANCE WITH ASTM E90, ASTM E413, ASTM E1332, & ASTM E2235. DOOR SYSTEMS ARE IN COMPLIANCE WITH HMMA 865 & SDI-128 SPECIFICATIONS. COMPLETE WITH PERIMETER SOUND SEALS, BOTTOM SEALS AND THRESHOLD AS REQUIRED FOR RATING.

The Required Core Will Be Provided To Achieve The Rating Needed. Appropriate Accoustical Seal Sets Are Provided With Each STC Rated Assembly.

The Suggested Uses:
Conference Rooms, Clinical Offices, Courtrooms, Legal Offices, Broadcast Studios, Boardrooms, Libraries, Music Rooms, and Performing Arts Studios, Hotel/Motel, and Military Barracks.

<table>
<thead>
<tr>
<th>6 PANEL</th>
<th>2 PANEL</th>
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</table>
| WIDTH   | *28", 30"
| HEIGHT  | *28", 30"
| GAGE    | 18 STD., 16 OPT. | 18 |

*2-3/8" LOCK BACKSET ONLY, IN 28" WIDTH.
*CYLINDRICAL LOCKS ONLY IN 28" WIDTH.
*CONFIRM ROSE SIZE IS COMPATIBLE WITH SEAL SET AND LOCK BACKSET. NARROW 6 PANEL DESIGN IS NOT AVAILABLE. GLASS CUTOUTS ARE NOT ALLOWED.

Refer to www.cecodoor.com for installation instructions.
TECH-DATA

Sound-Tech Xpress Door System

OPTIONAL SURFACE MOUNTED CLOSER REINFORCEMENT

(3) SPACES @ 26" 
(2) SPACES @ 33" 
(2) SPACES @ 31"

9"

41.813"

C/L of ANGLED STRIKE 4-7/8"

* 8’0" AVAILABLE WITH 2 PANEL DESIGN ONLY

SINGLE SWING

3/8" UNDERCUT

ACTUAL LEAF WIDTH

1/8"

DOOR OPENING WIDTH

28" & 30"

HORIZONTAL SECTION

TYPICAL PROFILE

Optional Profile

2" w/4" HEAD optional

5/8"

4-1/8" Thru 14”
(Single Rabbet)

5-3/4” Thru 14”
(Double Rabbet)

SOME COMMON MASONARY APPLICATIONS SHOWN BELOW

STC 40 AND ABOVE REQUIRE GROUT

GROUT

CAULK BETWEEN FRAME AND WALL

It is important that acoustic door systems be properly installed and sealed into the wall to prevent "flanking noise". Acoustical systems are furnished with specific detailed sound seal installation instructions.

(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)
**TECH-DATA**

**Sound-Tech Xpress Door System**

**STANDARD SIZES**

<table>
<thead>
<tr>
<th>NOMINAL DOOR OPENING</th>
<th>WIDTH</th>
<th>HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGLE</td>
<td>2'-8&quot;</td>
<td>6'-8&quot;</td>
</tr>
</tbody>
</table>
|                      | 3'-0" | 7'-0"
|                      | 5'-0" | 9'-0"

**PRODUCT SPECIFICATIONS**

1-3/4" thick acoustical steel door system is as provided by Ceco Door Products, USA. Doors and frames shall conform to the Steel Door Institute grade specification, ANSI A250.8 as applicable. 8'-0" height available in 2 panel design only.

The frames are commercial quality cold-rolled steel conforming to ASTM A1008 or optional zinc coated steel conforming to ASTM A653 & ASTM A924. Embossed panel doors are A40 galv. conforming to A663 & ASTM A924. Acoustic core and internal structural is manufacturer's proprietary standard as tested in accordance with ASTM E805-84(1) E1332, & E2236 to furnish the STC rating specified. Door systems are in compliance with HMMA 865 & SDI-128 specifications. A physical door label is applied to certify the product and identify the specific rating. The label will be applied to the door only and there will not be a label applied to the frames. Frames are single or double rabbit profile of continuously welded construction and are available for any masonry and acoustic wall system applications. They are constructed of 16 gauge min. or 14 gauge max. to provide the STC performance specified. Mutes are not allowed in these frames. Frames must also be grot filled to achieve an STC40 and above rating.

**Hardware Provisions:** Hinge preparations are handred. The square hinge edges are mortised for 4-1/2" or 5" high, standard or heavy weight hinges (specify which). The door lock edge has a standard bevel and is prepared for ANSI A155.2 cylindrical, ANSI A155.1 mortise lock or ANSI 156.3 rim exit device. See below for locking hardware availability. Lock jamb preparation is for 4-7/8" high strike (ANSI A115.1 or 2) or rim exit reinforcement. Optional preparations are electric power transfer (EPT), mag switch and dead bolt hardware. See below for availability.

**Paint:** Doors and frames shall be provided with one coat of oven-cured neutral color prime paint. Primer coat shall conform to ANSI A250.10. The primer coat is a preparatory base for necessary finish painting. "Colorstyle" finish coat is also available, for the door and 3 sided frame, from a selection of standard colors (optional). Colorstyle finish is electrostatically applied, oven-cured urethane enamel, and shall conform ANSI A250.3. For accurate color selectors ask for a Ceco Colorstyle chart.

**Note:** Industry standard construction tolerances for squareness of frame installation, plumbness of walls, flatness of floors, flanking, etc. may result in a difference of 3db = 5db sound loss in a field test versus lab test.

**Sound-Tech Xpress Door Systems**

<table>
<thead>
<tr>
<th>STC Rating</th>
<th>Lock Type</th>
<th>Undercut</th>
<th>Max. Fire Rating</th>
<th>Seal Set Description</th>
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</thead>
</table>

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADLOCK.

STC 47 (6) PANEL WITH CYLINDRICAL LOCK. ADDITIONAL OPTIONS NOT ALLOWED.

STC 46 (6) PANEL WITH CYLINDRICAL LOCK. ONE OPTIONAL PREPARATION ALLOWED.

STC 45 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.

STC 44 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 43 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 42 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 41 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 46 (2) PANEL WITH CYLINDRICAL LOCK. ADDITIONAL OPTIONS NOT ALLOWED.

STC 45 (2) PANEL WITH CYLINDRICAL LOCK. ONE OPTIONAL PREPARATION ALLOWED.

STC 44 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.

STC 43 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 42 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.