1-3/4" Sound-Tech Xpress

STC33 thru STC38 (Flush Singles)

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 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.

OPTIONAL SURFACE MOUNTED CLOSER REINFORCEMENT

REVOLUTIONARY SOUND ABSORPTION CORE

REFERENCES
WWW.CECODOOR.COM FOR INSTALLATION INSTRUCTIONS.

STX 33-38 SHOWN
PEMKO SEAL SET 38

DOOR DESIGN

Suggested Uses:
Conference Rooms, Clinical Offices, Courtrooms, Legal Offices, Broadcast Studios, Boardrooms, Libraries, Music Rooms, and Performing Arts Studios, Hotel/Motel, and Military Barracks.
It is important that acoustic door systems be properly installed and sealed into the wall to prevent "flanking noise". Acoustical systems are furnished with detailed installation instructions.

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

Sound-Tech Xpress Door Systems

MASTERY "T" ANCHOR

Snap-in type
(with floor anchor)
(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR

7 ga. galv. steel
Snap-in type

EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTHS FRAMES (SEE BELOW)

SU
EO/S8: 4-3/4" thru 6-3/4" depth
PROFILE
EO/S8: 6-7/8" thru 8-3/4" depth

SO
EO/S8: 5-1/8" thru 6-3/4" depth
PROFILE
EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

LOCK PREPARATIONS

CYLINDRICAL
ANSI A115.2
BACKSET
2-3/4" (STD)*
3-3/4" (OPT)

LOCK Edge IS BEVELED
1/8" in 2"

DOOR CONSTRUCTION TOP AND BOTTOM

THRESHOLD

HINGE PREPARATION

HINGE PREP IS HANDED

7 GAGE REINFORCEMENT

4-1/2" OR 5" REGULAR OR HEAVY WEIGHT HINGES
ANSI A156.7

LOCK PREPARATION

GOV. 86, ANSI/BHMA A115.1
MORTISE TYPE

(LMO)

NOTE: EITHER OF THE LOCK REINFORCEMENTS/GUARDS SHOWN MAY BE INSTALLED WITH ANY MORTISE LOCK PREPARATION.

(Convertion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

Experience a safer and more open world

BACK TO TOP
PRODUCT SPECIFICATIONS:

1-3/4" thick acoustical steel door system shall be as provided by Ceco Door Products, USA. Doors and frames shall conform to the Steel Door Institute guide specification, ANSI A250.8 as applicable.

The doors and frames are commercial quality cold-rolled steel conforming to ASTM A1008 or optional zinc coated steel conforming to ASTM A653 & ASTM A924. Acoustic core and internal construction is manufacturer’s proprietary standard as tested in accordance with ASTM E90, E413, E1332, & E2235 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 rabbot 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. Assembles STC rated 39 and below are not required to be grot filled to achieve the STC rating.

Hardware Provisions: Hinge preparations are handed. 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 A115.2 cylindrical, ANSI A115.1 mortise lock. Electric power transfer, mag switch and dead bolt hardware preparations are not allowed.

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 & 3 sided frame, from a Pantone color selection chart. Optional colorstyle finish is electrostatically applied, oven-cured urethane enamel, and shall confirm to 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.