

SOUND-TECH XPRESS ACOUSTICAL DOOR SYSTEMS, HANDED

Door Construction Used with Standard Frame

STC32 (Flush Single with Seal Set 32) D12
STC33 thru STC38 (Flush Singles with Seal Set 38).....D12A
STC33 thru STC41 (Flush Singles with Seal Set 1)D12B
STC32 thru STC41 (Flush Singles with 450° Temperature Rise with Seal Set 41)D12C
STC42 thru STC51 (Flush Singles with Seal Set 6) D12D
STC52 (Flush Single with Seal Set 6)D12E
STC55 (Flush Single with Seal Set 7)D12F
STC32 thru STC47 (Single Embossed 2 and 6 Panel Doors with Seal Set 6) D12G
STC47 (Single Embossed 2 Panel Door with Seal Set 2)..... D12H
STC48 (Single Embossed 6 Panel Door with Seal Set 2)..... D12I

STC32 thru STC48 (Single Doors with Glass and Seal Set 6) D12J

STC32 thru STC41 (Fire Rated or Non-Fire Rated Flush Pairs with Seal Set 41P).....D12K
STC42 thru STC47 (Fire Rated or Non-Fire Rated Flush Pairs with Seal Set 3) D12L
STC48 thru STC49 (Fire Rated or Non-Fire Rated Flush Pairs with Seal Set 4) D12M
STC32 thru STC47 (Non Fire Rated Flush Pairs with Seal Set 5)..... D12N
STC48 thru STC49 (Non-Fire Rated Flush Pairs with Seal Set 13)..... D12O

STC32 thru STC44 (Fire Rated or Non-Fire Rated Pairs with Glass and Seal Set 4) ..D12P
STC32 thru STC44 (Non-Fire Rated Pairs with Glass and Seal Set 13) D12Q

Door Construction Used with ADJ Frame and Cam Lift Hinges

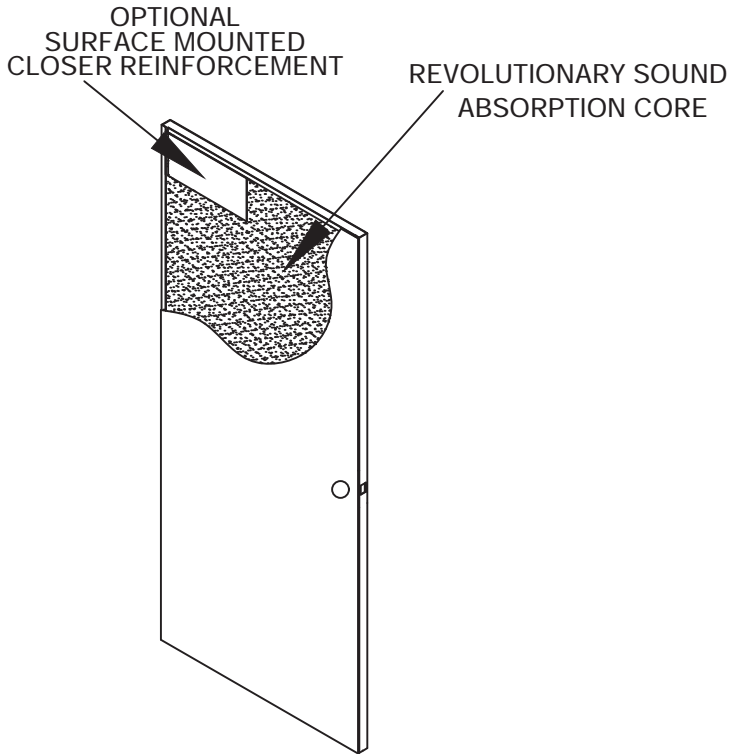
Up thru STC41 (Flush Singles with Optional Glazing & Pairs with Seal Set RCG)D12R
STC42 thru STC46 (Flush Singles with Optional Glazing & Pairs with Seal Set RCG).D12S
STC47 thru STC49 (Flush Singles with Optional Glazing & Pairs with Seal Set RCG).D12T
STC50 thru STC52 (Flush Singles with Optional Glazing & Pairs with Seal Set RCG) D12U
STC53 thru STC54 (Flush Singles with Optional Glazing & Pairs with Seal Set RCG).D12V
STC56 thru STC66+ (Communicating Flush Singles with Optional Glazing & Pairs ..D12W
 Seal Set 66)

ASSA ABLOY

1-3/4" Sound-Tech Xpress

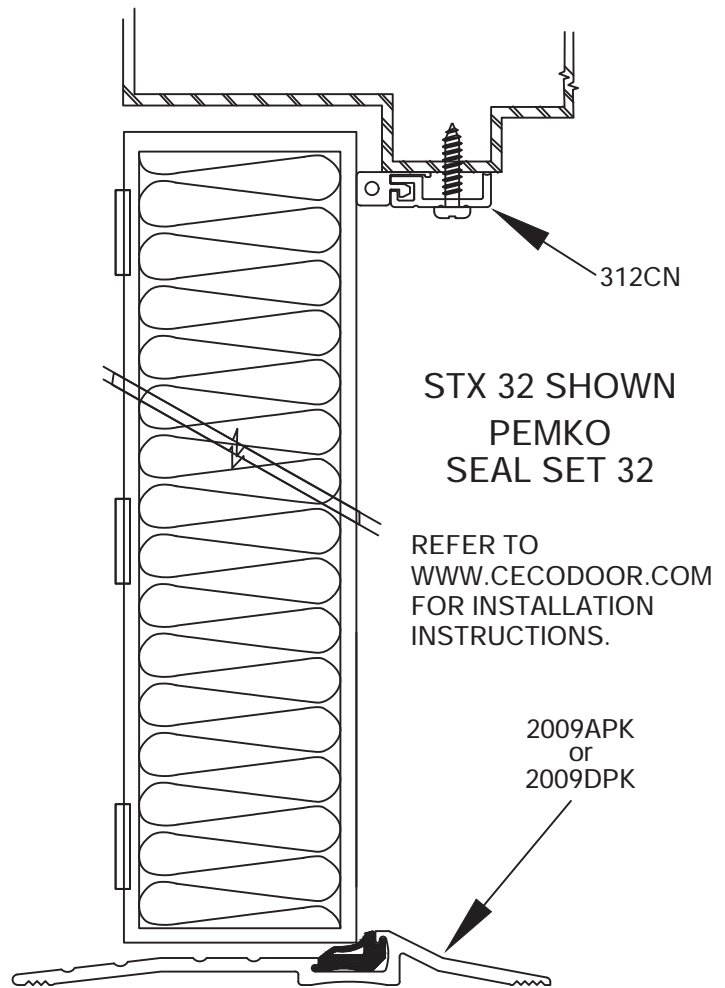
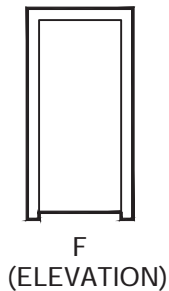
STC 32 (Flush Singles)

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.

DOOR DESIGN

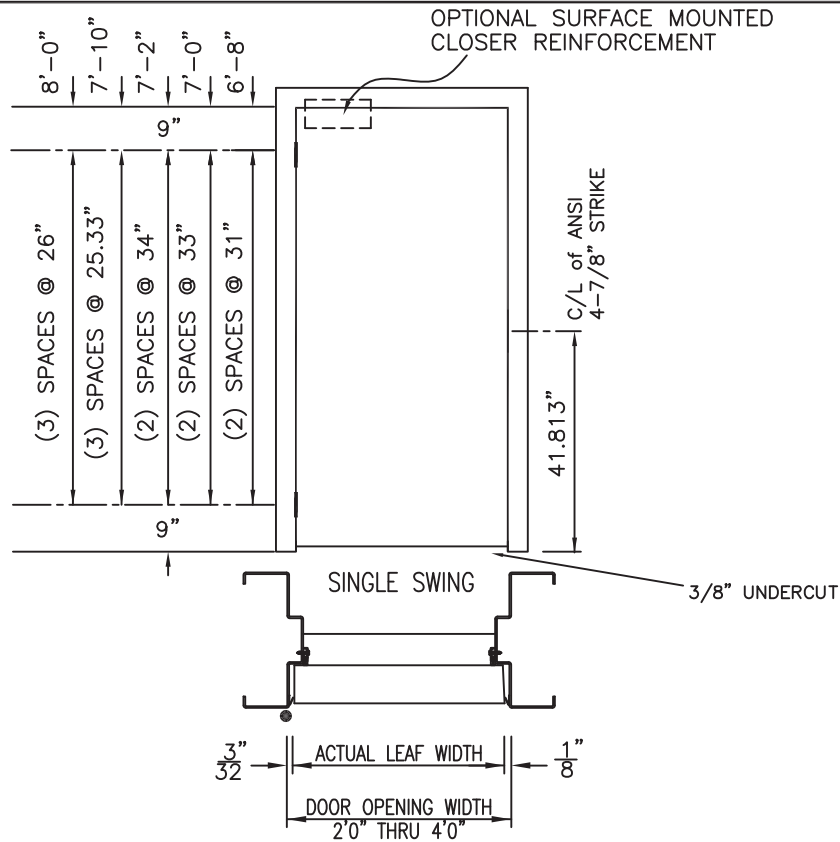


*Suggested Uses:
 Conference Rooms, Clinical
 Offices, Courtrooms, Legal Offices,
 Broadcast Studios, Boardrooms,
 Libraries, Music Rooms, and
 Performing Arts Studios, Hotel/Motel,
 and Military Barracks.*

D12-1

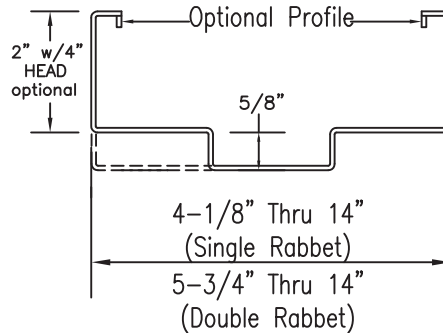
03/12/20

D12-2

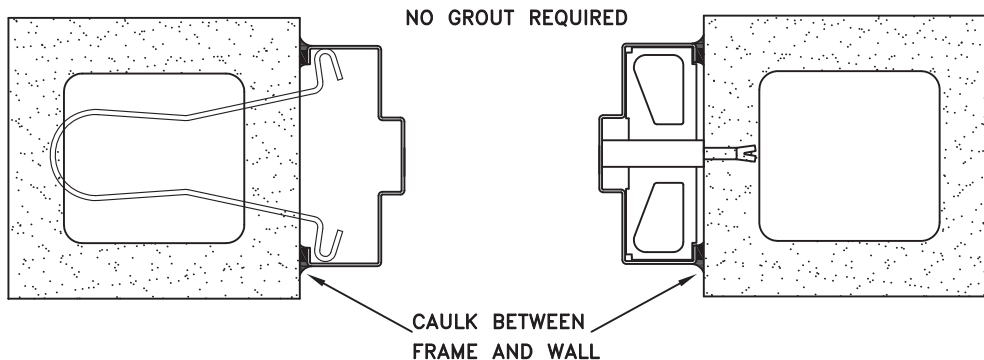


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



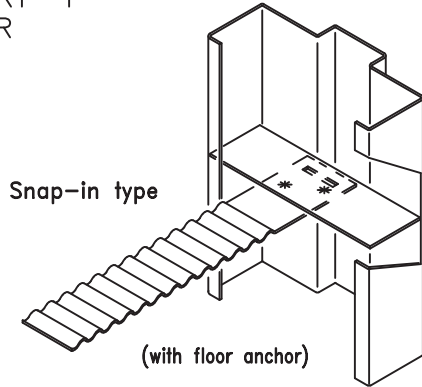
It is important that acoustic door systems be properly installed and sealed into the wall to prevent "flanking noise". Acoustical systems are furnished with specific detailed sound seal installation instructions.

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

05/13/19

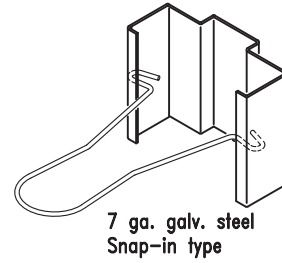
D12H-3

MASONRY "T" ANCHOR



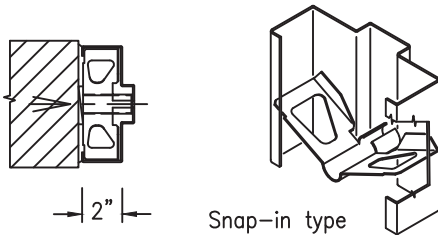
(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

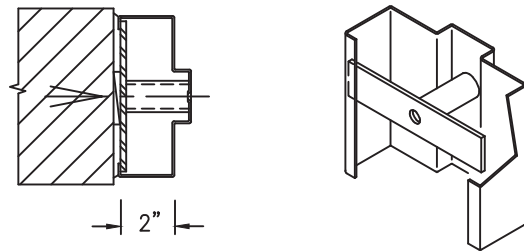


SU PROFILE EO/S6: 4-3/4" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

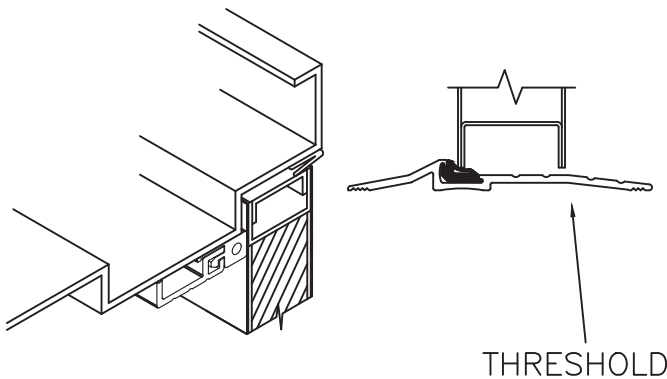
SQ PROFILE EO/S6: 5-1/8" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS



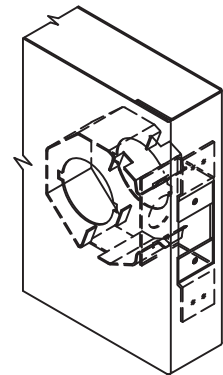
DOOR CONSTRUCTION TOP AND BOTTOM



LOCK PREPARATIONS

CYLINDRICAL ANSI A115.2 BACKSET 2-3/4" (STD)
3-3/4" BACKSET (OPT) 3'0" WIDTH ONLY
2-3/8" BACKSET 2'8" WIDTH ONLY

VERIFY ROSE SIZE IS COMPATIBLE WITH SEAL SET AND LOCK BACKSET.

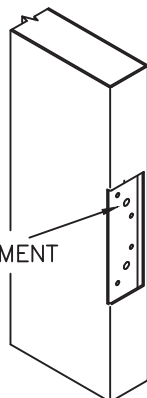


LOCK EDGE IS BEVELED 1/8" in 2"

HINGE PREPARATION

HINGE PREP IS HANDED

7 GAGE REINFORCEMENT



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

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

 **Ceco Door**

ASSA ABLOY

03/18/20

D12-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

ACOUSTICAL FIRE DOORS

LABELING AGENCIES: * UL * WARNOCK HERSEY
TEST: UL 10B, UL 10C, UL 1784, & NFPA 252 RATING: * 20 MIN. THRU 3 HRS. (STX 32) FLUSH SINGLES 4'0" x 8'0" MAX. * DESIGNS: FLUSH ONLY

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 A60 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 rabbet 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. The frames do not require grout to achieve the STC32 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 or ANSI A115.1 mortise lock. Lock jamb preparation is for 4-7/8" high strike (ANSI A115.1 or 2). Electric Power Transfer (EPT), mag switch and cylindrical deadbolt's 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 selection of standard colors (optional). Colorstyle finish is electrostatically applied, oven-cured urethane enamel, and shall conform 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.

STC
32

ACOUSTIC DOOR
SYSTEM LABELS

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTALLATION
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACTUAL
STC RATING
SHOWN HERE

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Single Doors	32	See Below	3/8"	3 Hr.	Pemko Seals: 312CN & 2009_PK Threshold-Set 32

STC 32 WITH CYLINDRICAL LOCK OR MORTISE LOCK. OPTIONAL PREPS NOT ALLOWED.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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

Ceco Door

ASSA ABLOY

03/12/20

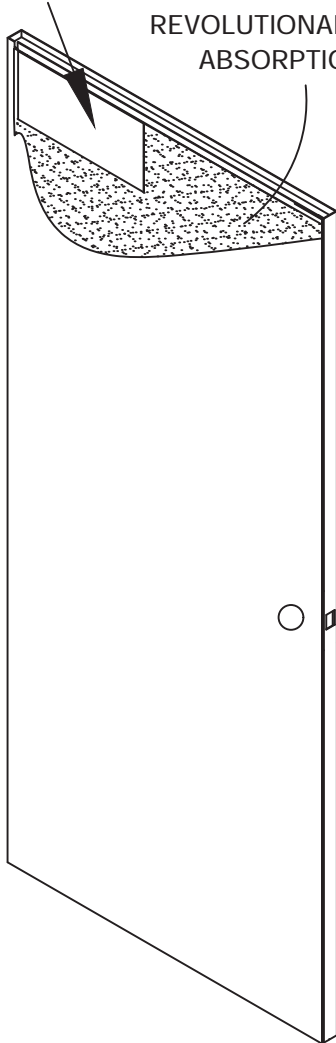
1-3/4" Sound-Tech Xpress

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.

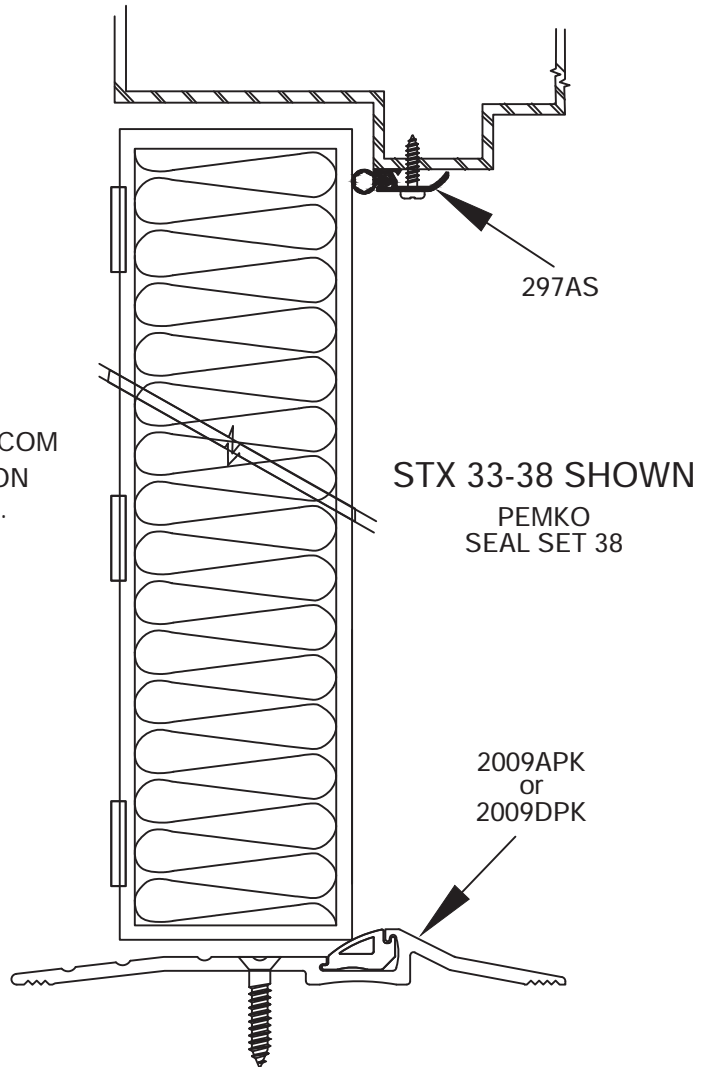
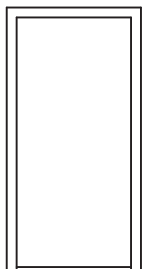
*The Required Core Will Be Provided To Achieve The Rating Needed.
Appropriate Accoustical Seal Sets Are Provided With Each STC Rated Assembly.*

OPTIONAL
SURFACE MOUNTED
CLOSER REINFORCEMENT
REVOLUTIONARY SOUND
ABSORPTION CORE



REFER TO
WWW.CECODOOR.COM
FOR INSTALLATION
INSTRUCTIONS.

DOOR DESIGN

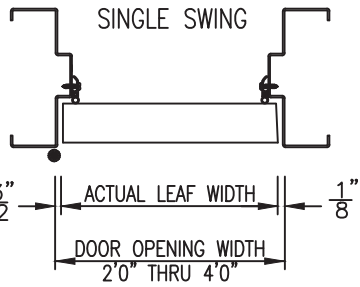
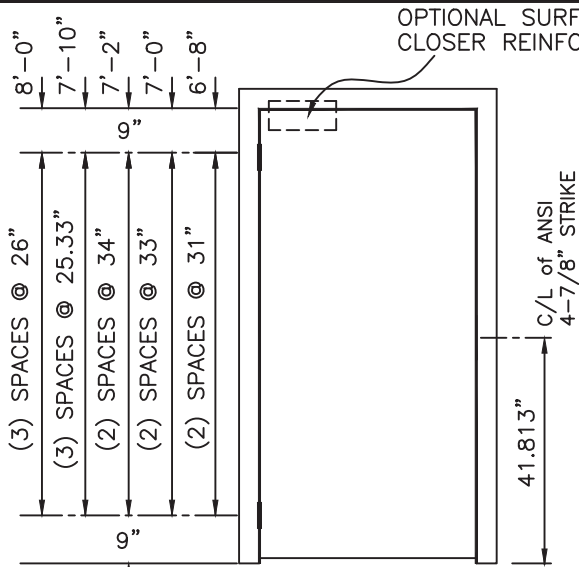


Suggested Uses:
*Conference Rooms, Clinical
Offices, Courtrooms, Legal Offices,
Broadcast Studios, Boardrooms,
Libraries, Music Rooms, and
Performing Arts Studios, Hotel/Motel,
and Military Barracks.*

D12A-1

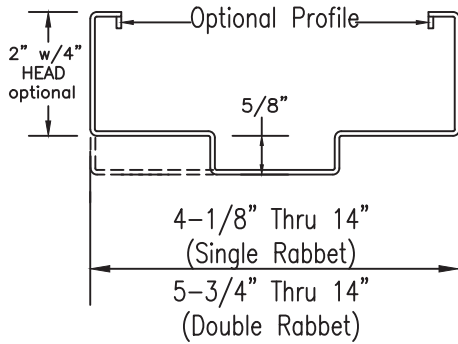
03/13/20

D12A-2

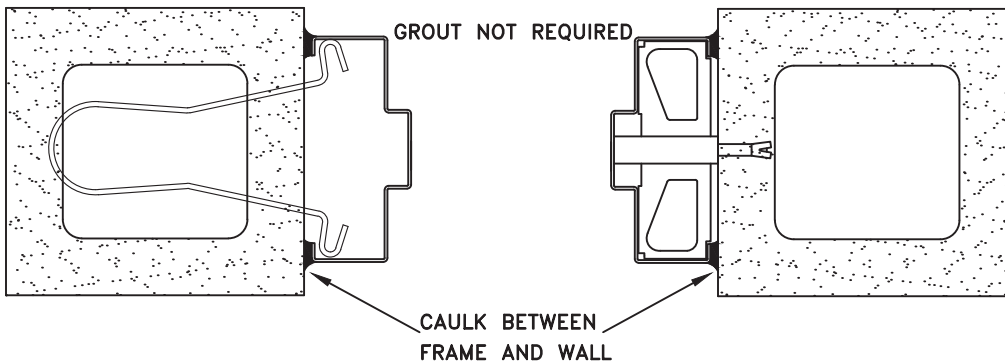


HORIZONTAL SECTION

TYPICAL PROFILE

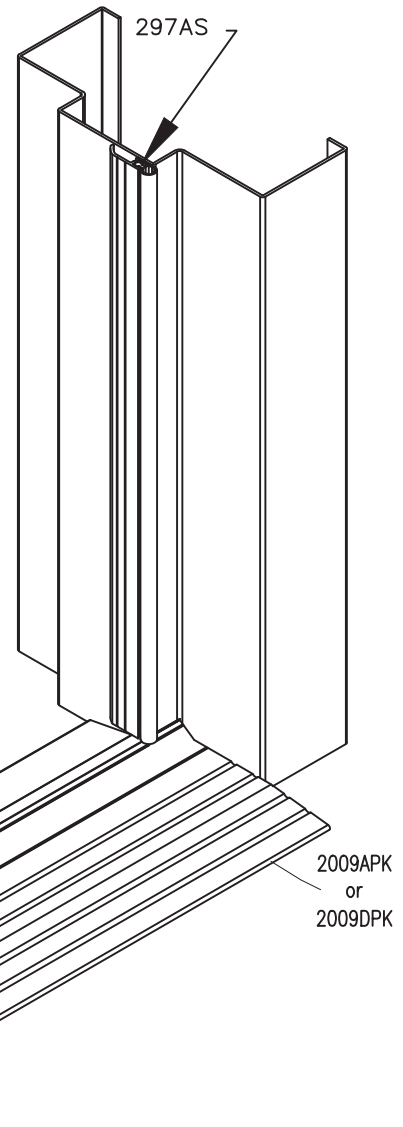


SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



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.

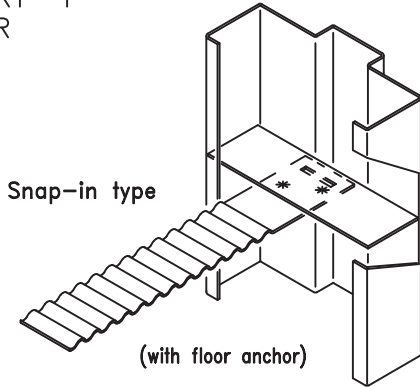
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)



03/13/20

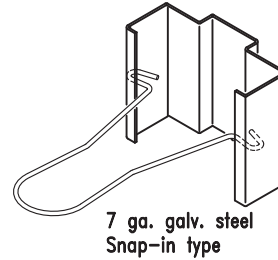
D12A-3

MASONRY "T" ANCHOR



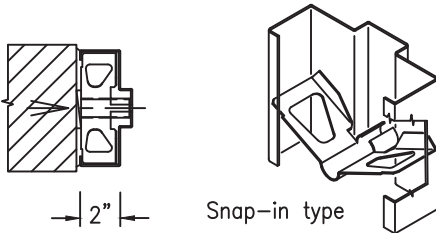
(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

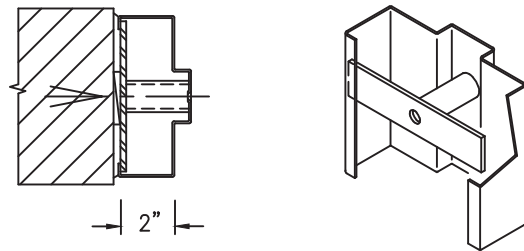


SU PROFILE EO/S6: 4-3/4" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

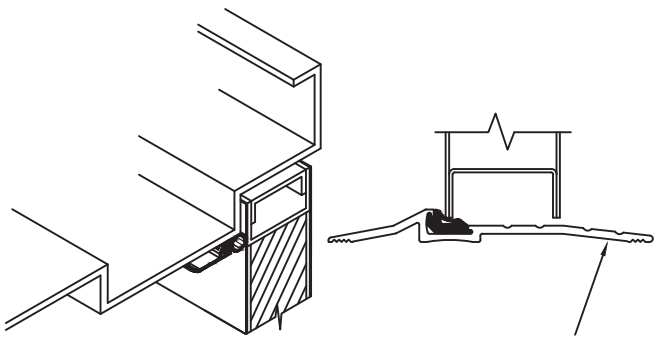
SQ PROFILE EO/S6: 5-1/8" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS



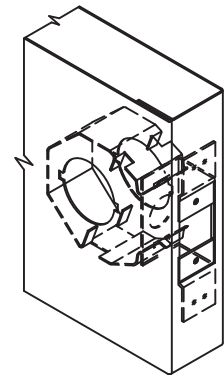
DOOR CONSTRUCTION TOP AND BOTTOM



THRESHOLD

LOCK PREPARATIONS

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

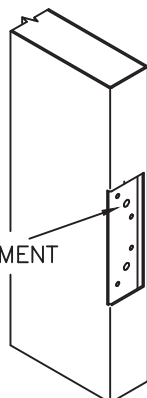


LOCK EDGE IS BEVELED 1/8" in 2"

HINGE PREPARATION

HINGE PREP IS HANDED

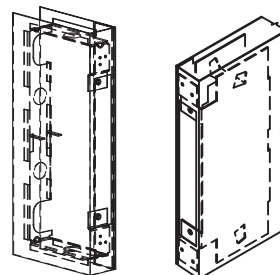
7 GAGE REINFORCEMENT



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.

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

Ceco Door

ASSA ABLOY

Experience a safer and more open world

03/13/20

D12A-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

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 HMMMA 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 rabbet 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. Assemblies STC rated 39 and below are not required to be grout 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 conform 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.

ACOUSTICAL FIRE DOORS

LABELING AGENCIES
• UL
• WH
TEST: UL 10B, UL 10C, UL 1784 & NFPA 252
FIRE RATING:
• 20 MIN. THRU 3 HRS.
(STX 33-38
4'0" x 8'0" MAX.
• DESIGN: FLUSH

STC
38

ACOUSTIC DOOR
SYSTEM LABELS

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTALLATION
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACTUAL
STC RATING
SHOWN HERE

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Max. Lite Visible Area	Seal Set Description
Single	33-38	Cyl or Mortise	3/8"	3 Hr.	N/A	Pemko seals: 297AS & 2009_PK Threshold-Set 38

STC 33-38 WITH CYLINDRICAL LOCK OR MORTISE LOCK, OPTIONAL PREPARATIONS NOT ALLOWED.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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

Ceco Door

ASSA ABLOY

03/13/20

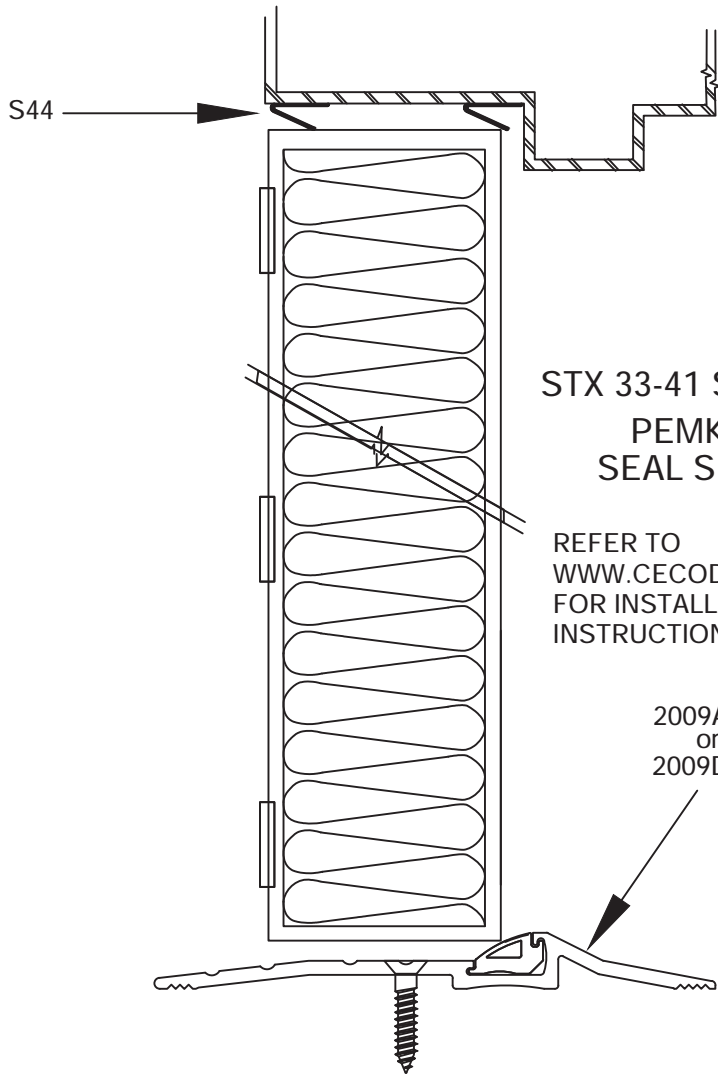
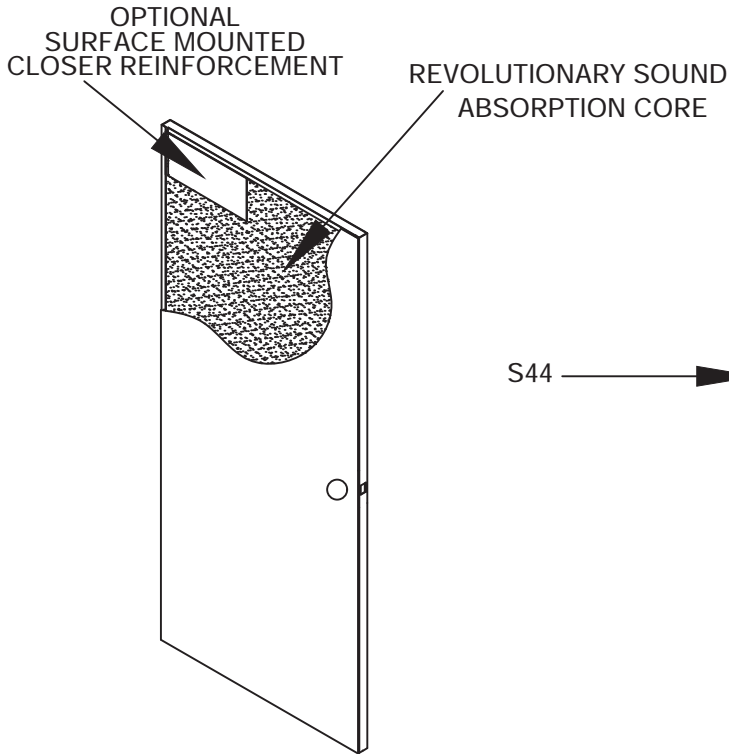
ASSA ABLOY

1-3/4" Sound-Tech Xpress

STC 33-41 (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.

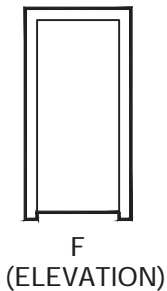
The Required Core Will Be Provided To Achieve The Rating Needed. Appropriate Accoustical Seal Sets Are Provided With Each STC Rated Assembly.



STX 33-41 SHOWN
 PEMKO
 SEAL SET 1

REFER TO
WWW.CECODOOR.COM
 FOR INSTALLATION
 INSTRUCTIONS.

DOOR DESIGN



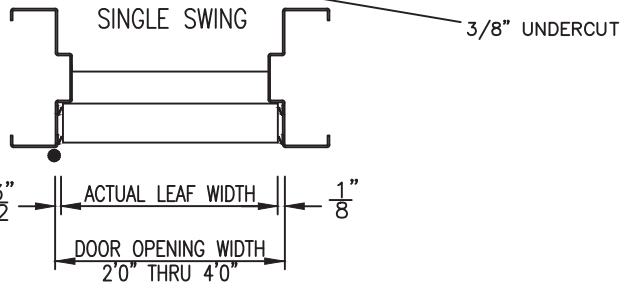
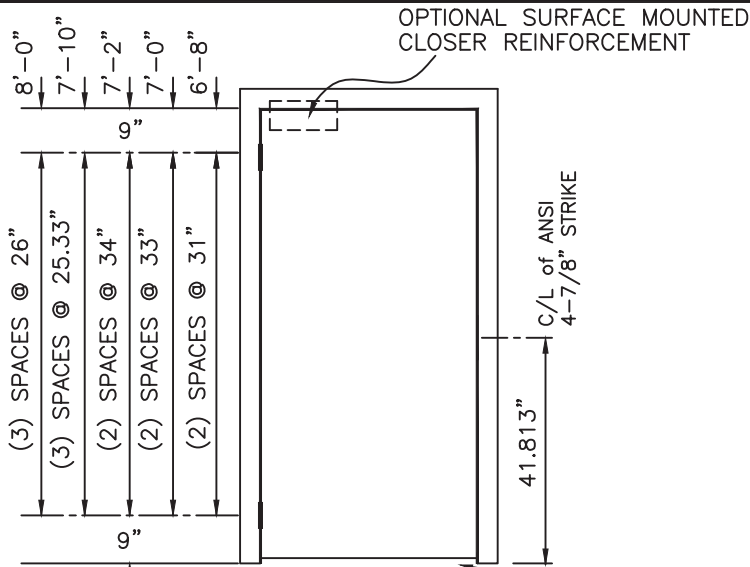
Suggested Uses:

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

D12B-1

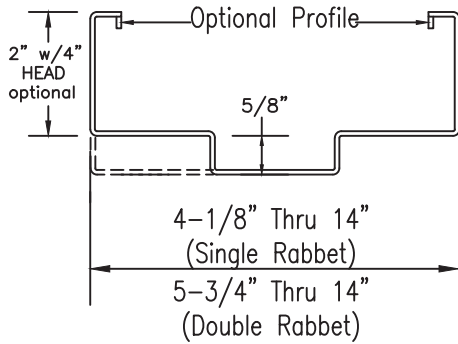
03/13/20

D12B-2

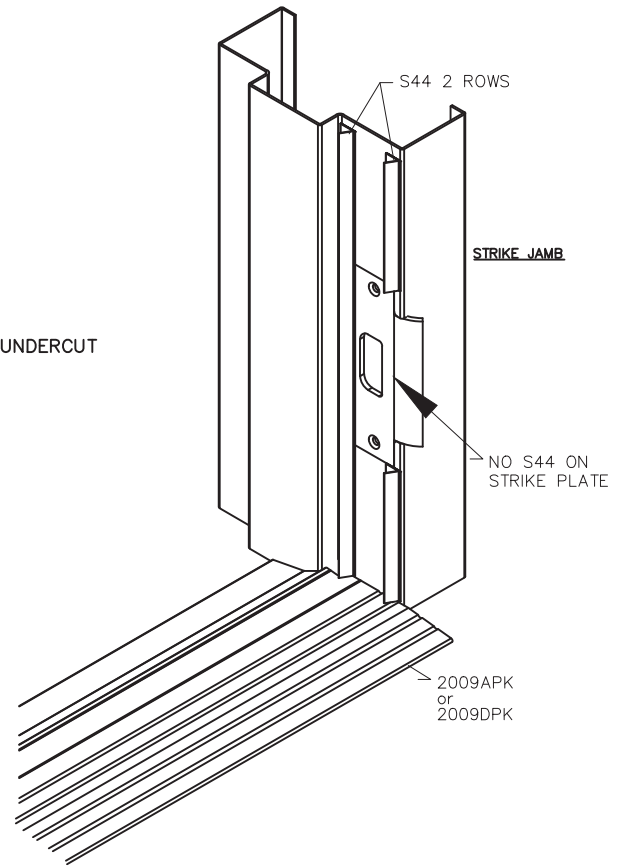
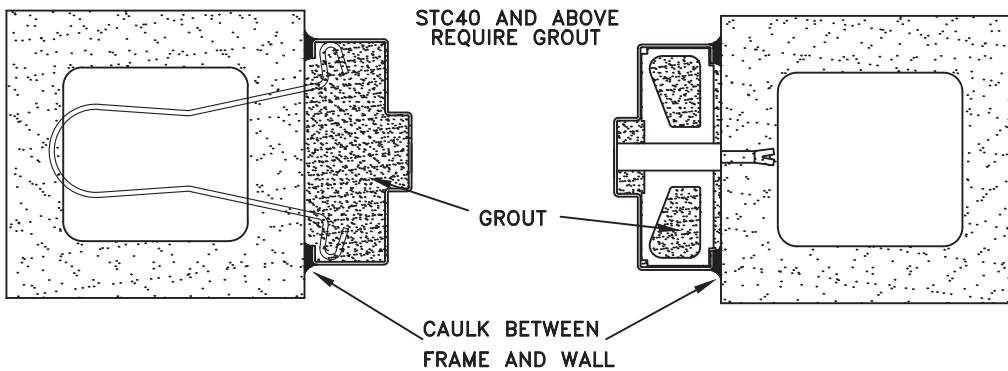


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



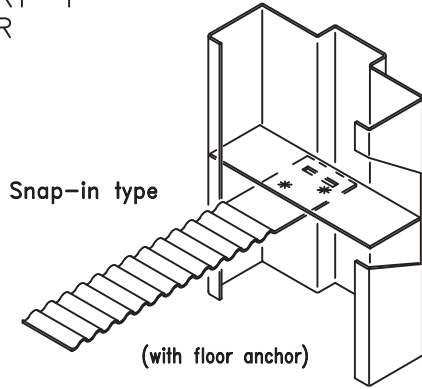
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(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

03/13/20

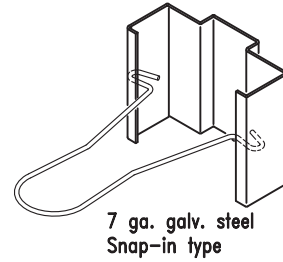
D12B-3

MASONRY "T" ANCHOR

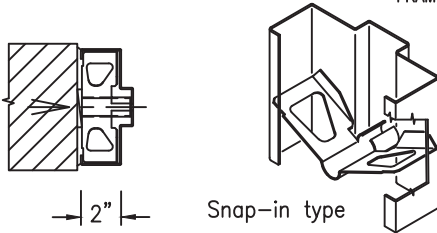


(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR

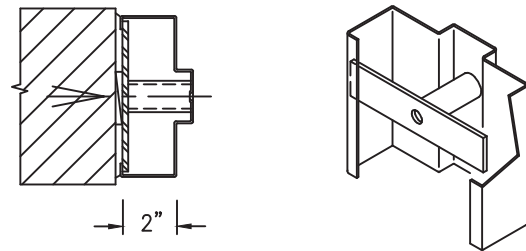


EXISTING OPENING ANCHOR EO

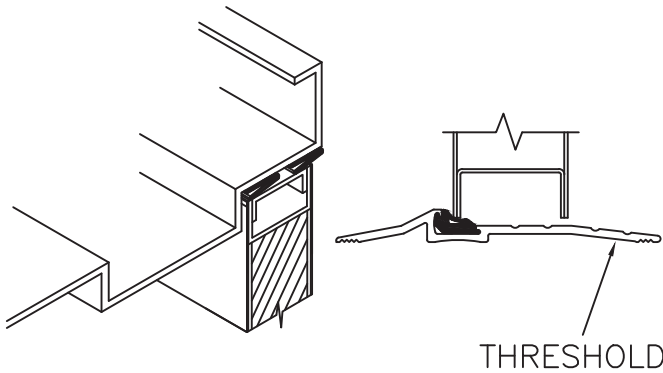


SU PROFILE	EO/S6: 4-3/4" thru 6-3/4" depth EO/S8: 6-7/8" thru 8-3/4" depth
SQ PROFILE	EO/S6: 5-1/8" thru 6-3/4" depth EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

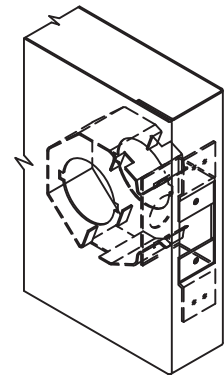


DOOR CONSTRUCTION TOP AND BOTTOM



LOCK PREPARATIONS

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

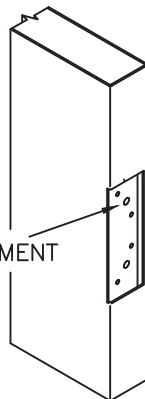


LOCK EDGE IS BEVELED
1/8" in 2"

HINGE PREPARATION

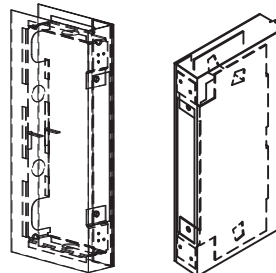
HINGE PREP IS HANDED

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



(LM0)

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

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



03/13/20

D12B-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

ACOUSTICAL FIRE DOORS

LABELING AGENCIES: * UL * WARNOCK HERSEY
TEST: UL 10B, UL 10C, UL 1784, & NFPA 252 RATING: * 20 MIN. THRU 3 HRS. (STX 33-41) FLUSH SINGLES 4'0" x 8'0" MAX. * DESIGNS: FLUSH ONLY

STC
41

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTALLATION
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACOUSTIC DOOR
SYSTEM LABELS

ACTUAL
STC RATING
SHOWN HERE

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 A60 steel conforming to ASTM A653 & ASTM A924. Acoustic core and internal construction is manufacturer's proprietary standard as specified 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 rabbet 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. The frames must also be grout filled to achieve an STC rating of 40 and above.

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 or rim exit device. Lock jamb preparation is for 4-7/8" high strike (ANSI A115.1 or 2) or ANSI 156.3 rim exit reinforcement. Electric Power Transfer (EPT), mag switch and cylindrical deadbolt's are additional optional hardware.

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 selection of standard colors (optional). Colorstyle finish is electrostatically applied, oven-cured urethane enamel, and shall conform 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.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Single Doors	See Below	See Below	3/8"	3 Hr.	Pemko Seals: S44 & 2009_PK Threshold-Set 1

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

- STC 41 WITH CYLINDRICAL LOCK. OPTIONAL PREPS NOT ALLOWED.
- STC 40 WITH CYLINDRICAL LOCK. ONE OPTIONAL PREP ALLOWED.
- STC 40 WITH MORTISE LOCK. OPTIONAL PREPS NOT ALLOWED.
- STC 39 WITH CYLINDRICAL LOCK. ANY COMBINATION OF TWO OPTIONAL PREPS ALLOWED.
- STC 39 WITH MORTISE LOCK. ONE OPTIONAL PREP ALLOWED.
- STC 39 WITH RIM EXIT. OPTIONAL PREPS NOT ALLOWED.
- STC 33-38 WITH CYLINDRICAL LOCK. ANY COMBINATION OF (3) OPTIONAL PREPS ARE ALLOWED.
- STC 38 WITH MORTISE LOCK. ANY COMBINATION OF TWO OPTIONAL PREPS ARE ALLOWED.
- STC 38 WITH RIM EXIT. ONE OPTIONAL PREP ALLOWED.
- STC 33-37 WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPS ALLOWED.
- STC 37 WITH RIM PANIC. ANY COMBINATION OF TWO OPTIONAL PREPS ARE ALLOWED.
- STC 33-36 WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPS ALLOWED.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



03/13/20

ASSA ABLOY

1-3/4" Sound-Tech Xpress

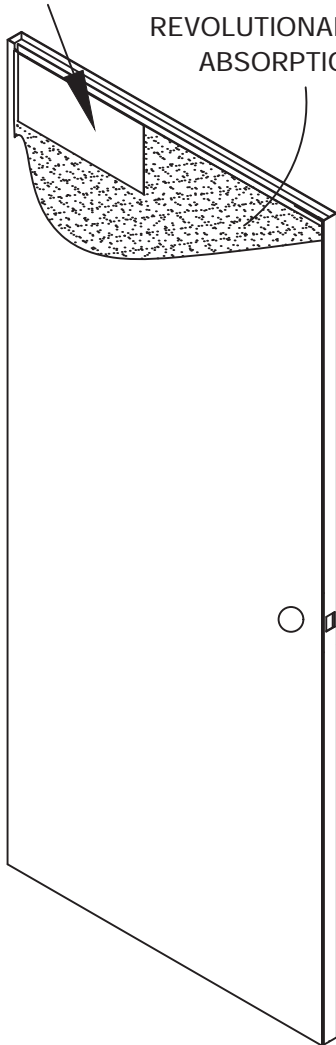
STC32 thru STC41 (Flush Single 450° Temperature Rise)

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.*

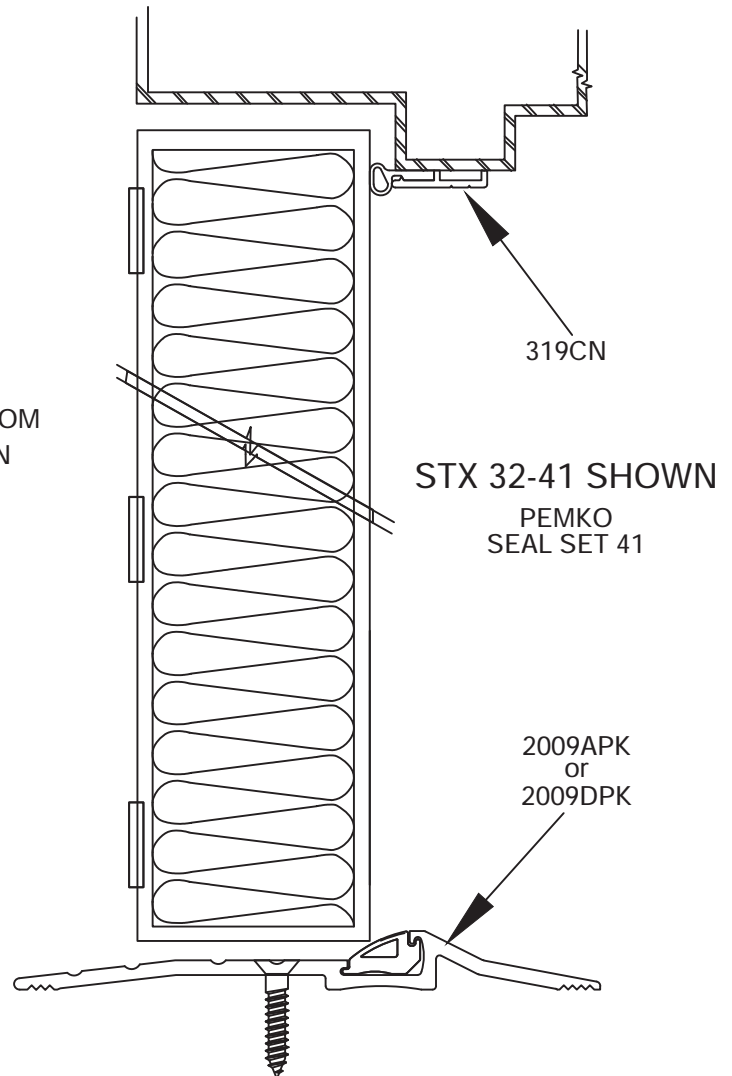
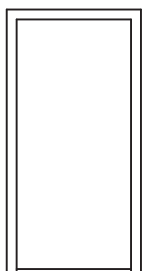
OPTIONAL
 SURFACE MOUNTED
 CLOSER REINFORCEMENT

REVOLUTIONARY SOUND
 ABSORPTION CORE



REFER TO
 WWW.CECODOOR.COM
 FOR INSTALLATION
 INSTRUCTIONS.

DOOR DESIGN



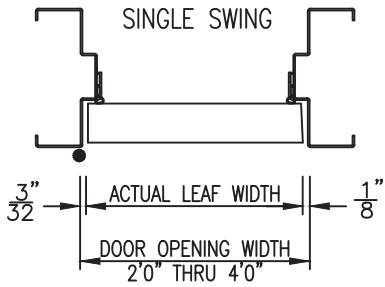
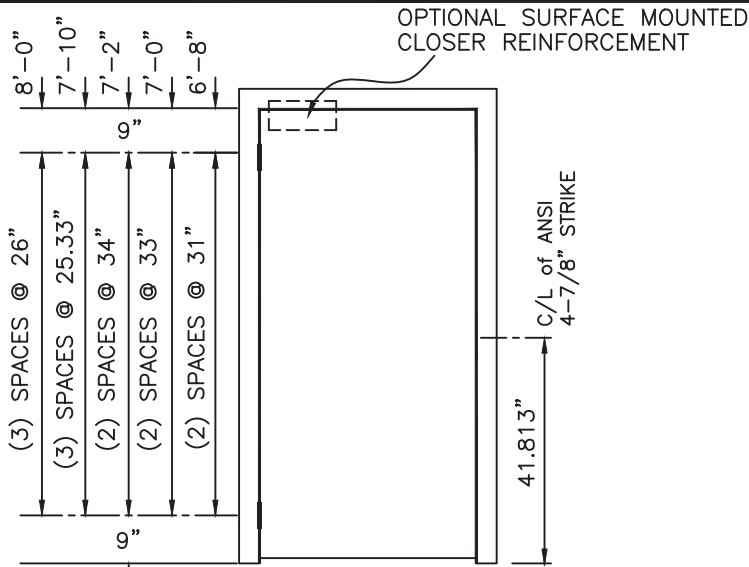
Suggested Uses:

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

D12C-1

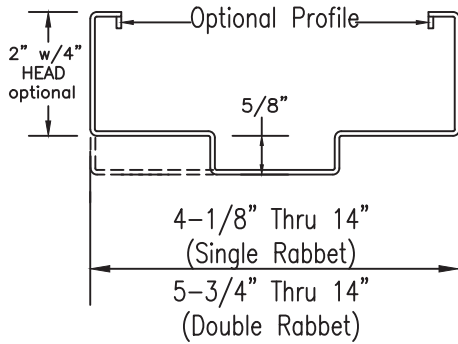
03/13/20

D12C-2

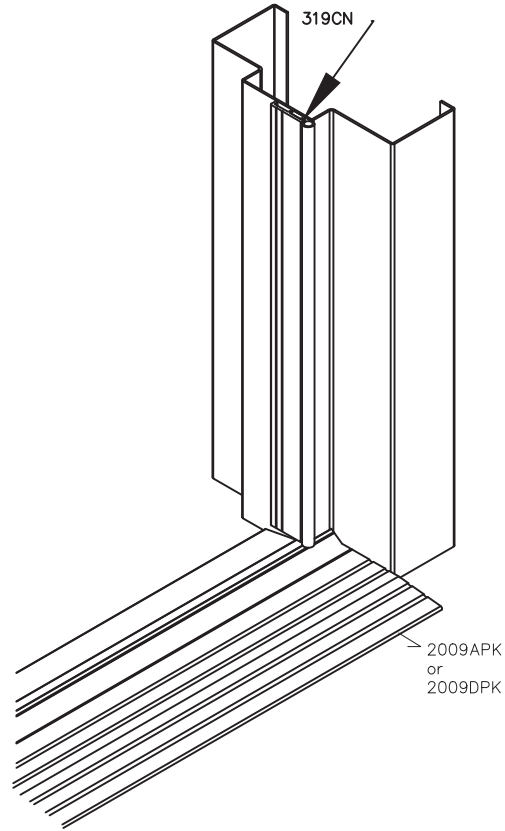
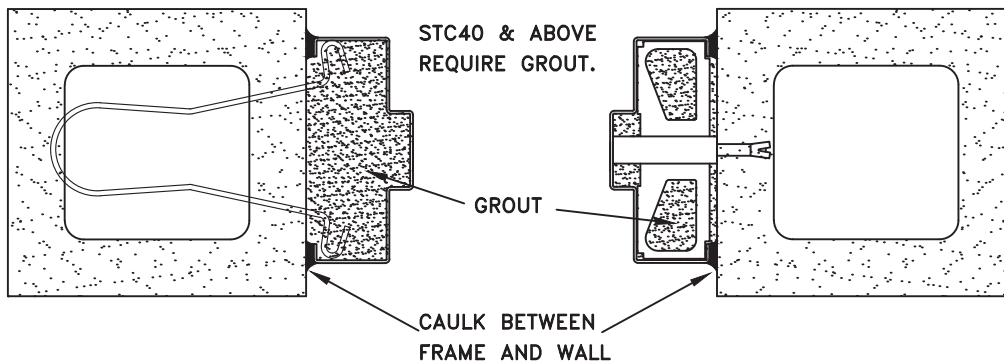


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



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.

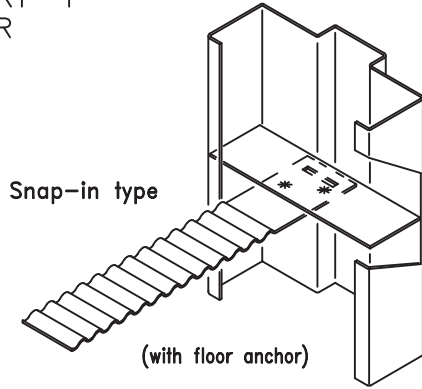
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

03/13/20



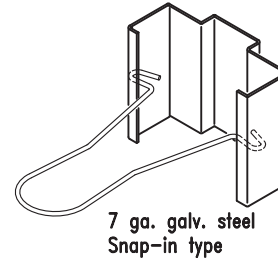
D12C-3

MASONRY "T" ANCHOR



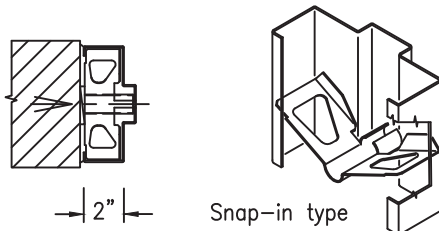
(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

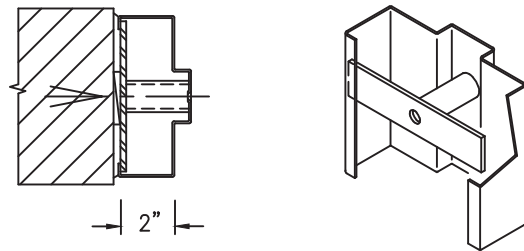


SU PROFILE EO/S6: 4-3/4" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

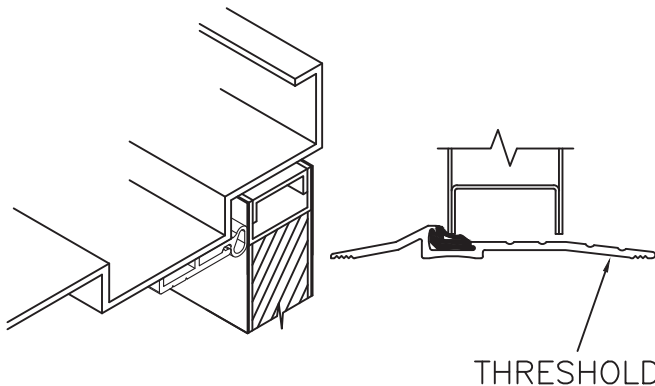
SQ PROFILE EO/S6: 5-1/8" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS

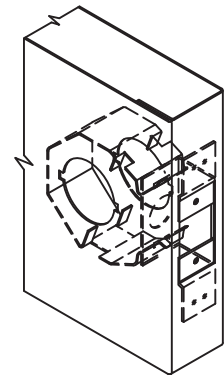


DOOR CONSTRUCTION TOP AND BOTTOM



LOCK PREPARATIONS

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

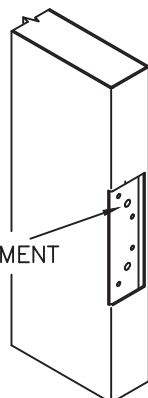


LOCK EDGE IS BEVELED 1/8" in 2"

HINGE PREPARATION

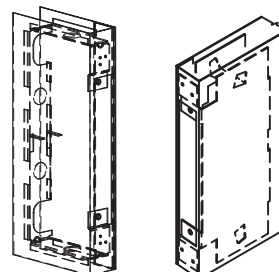
HINGE PREP IS HANDED

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.

03/13/20

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

Ceco Door

ASSA ABLOY

Experience a safer and more open world

D12C-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

ACOUSTICAL FIRE DOORS

LABELING AGENCIES * UL * WH
TEST: UL 10B, UL 10C, UL 1784 & NFPA 252 FIRE RATING: * 20 MIN. THRU 1-1/2 HRS. (STX 32-41) 4'0" x 8'0" MAX. * DESIGN: FLUSH

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.

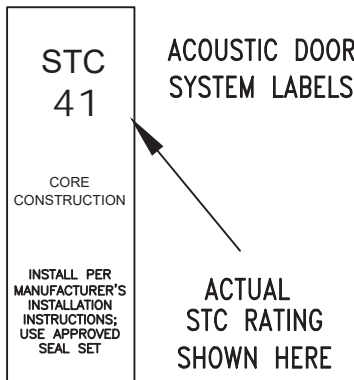
The doors and frames are commercial quality cold-rolled steel conforming to ASTM A1008 or optional zinc coated steel conforming to ASTM A653 & ASTM A924. Acoustic core and internal construction is manufacturer's proprietary standard as tested in accordance with ASTM E90, E413, E1332, & E2235 to furnish the STC rating specified. Door systems are in compliance with HMMA 865 & SDI-128 specifications. Doors may be 450° temperature rise rated with STC 32-41 rating and fire rated up to and including 1-1/2 hours. A physical STC door label is applied to certify the product and identify the specific rating. The STC label will be applied to the door only and there will not be a label applied to the frames.

Frames are single or double rabbet 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. Assemblies STC rated 40 and above must also be grout 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 conform 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.



Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Max. Lite Visible Area	Seal Set Description
Single	32-41	Cyl or Mortise	3/8"	1-1/2 Hr.	N/A	Pemko seals: 319CN & 2009_PK Threshold-Set 41

STC 32-41 WITH CYLINDRICAL LOCK OR MORTISE LOCK, OPTIONAL PREPARATIONS NOT ALLOWED.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



03/13/20

1-3/4" Sound-Tech Xpress

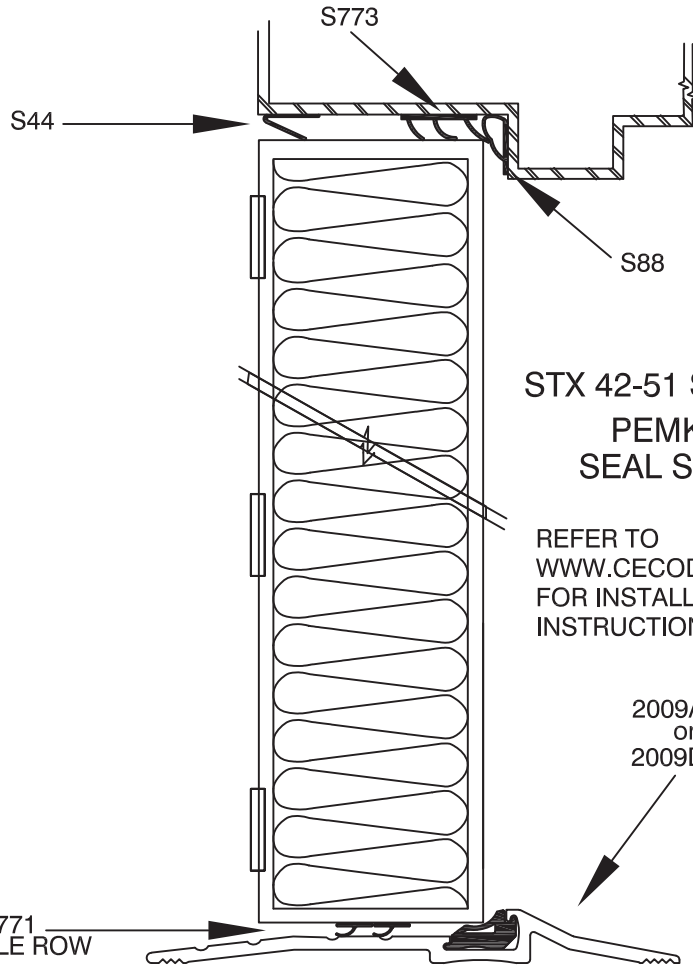
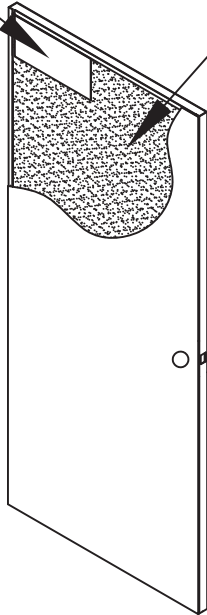
STC 42-51 (Flush Singles)

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, 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.*

OPTIONAL
SURFACE MOUNTED
CLOSER REINFORCEMENT

REVOLUTIONARY SOUND
ABSORPTION CORE

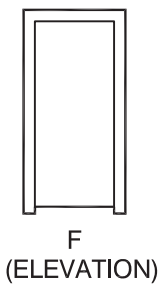


STX 42-51 SHOWN
PEMKO
SEAL SET 6

REFER TO
WWW.CECODOOR.COM
FOR INSTALLATION
INSTRUCTIONS.

2009APK
or
2009DPK

DOOR DESIGN



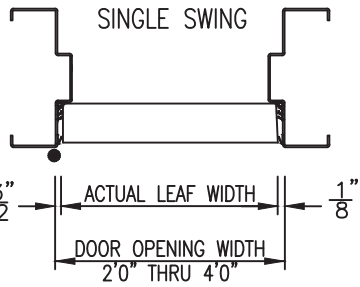
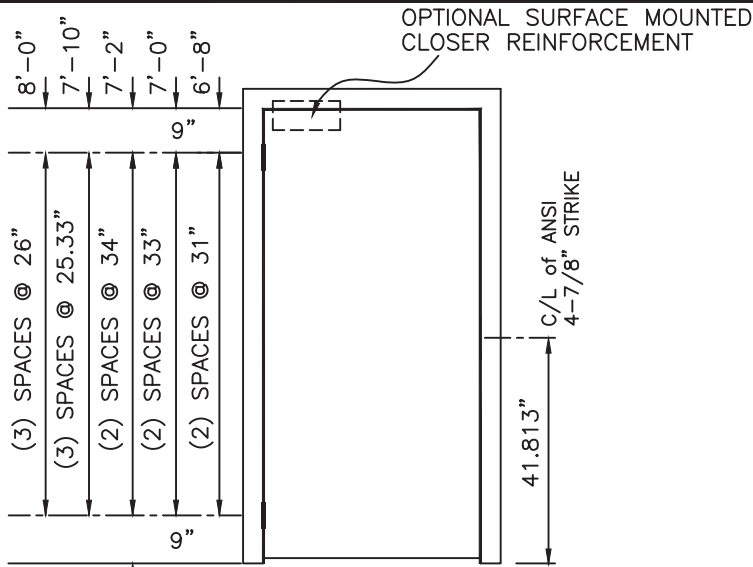
Suggested Uses:

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

D12D-1

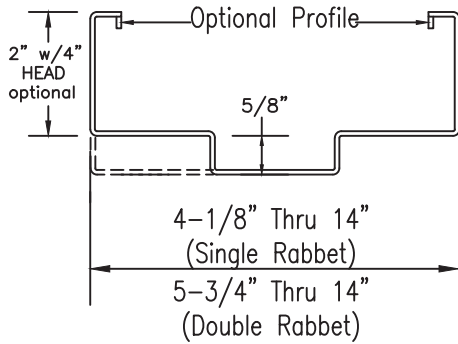
03/16/20

D12D-2

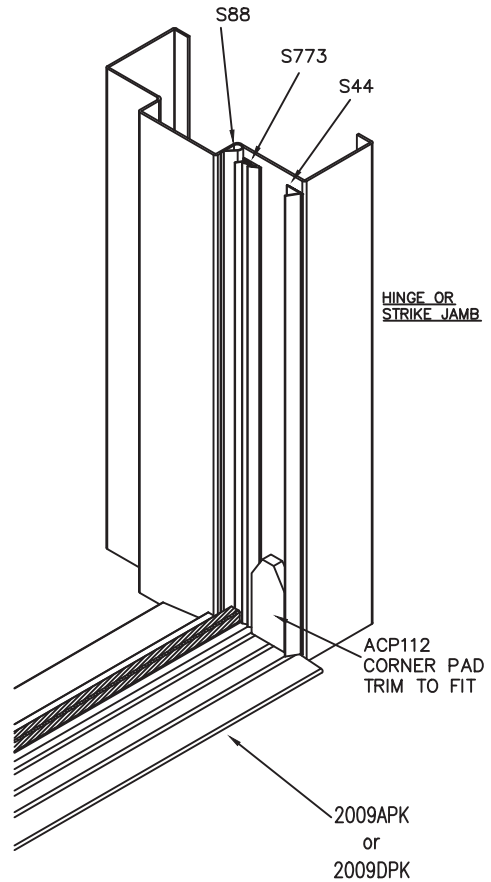
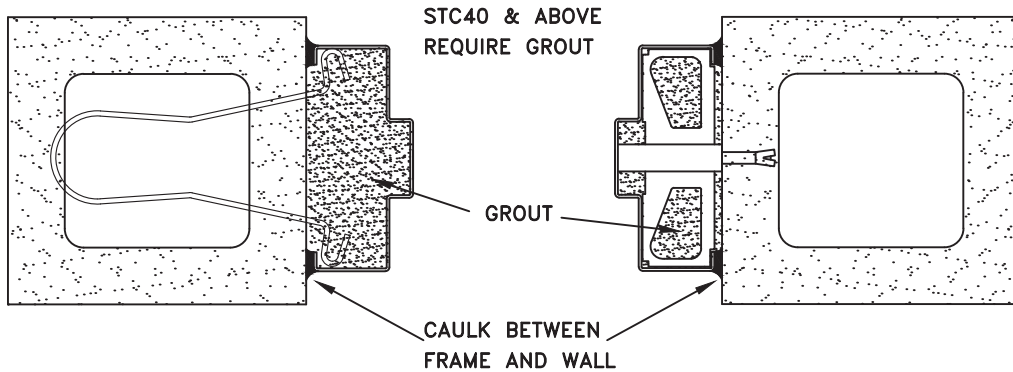


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



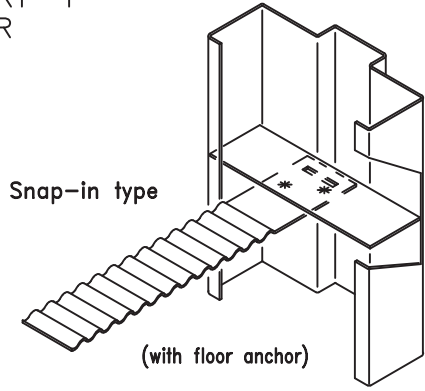
It is important that acoustic door systems be properly installed and sealed into the wall to prevent "flanking noise". Acoustical systems are furnished with specific detailed sound seal installation instructions.

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

03/16/20

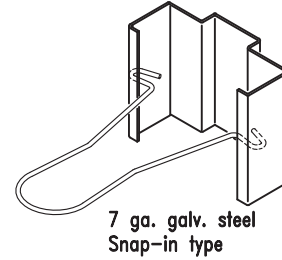
D12D-3

MASONRY "T" ANCHOR



(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

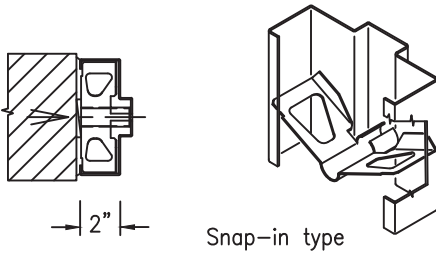
WIRE MASONRY ANCHOR



7 ga. galv. steel
Snap-in type

EXISTING OPENING ANCHOR EO

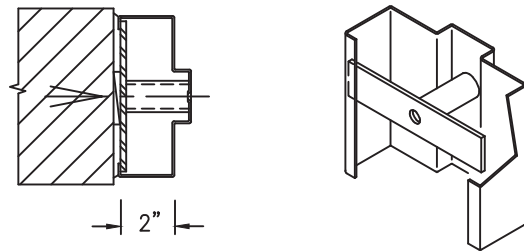
ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)



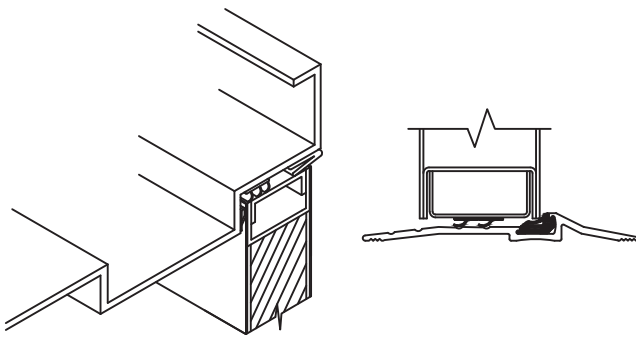
SU PROFILE	EO/S6: 4-3/4" thru 6-3/4" depth EO/S8: 6-7/8" thru 8-3/4" depth
SQ PROFILE	EO/S6: 5-1/8" thru 6-3/4" depth EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS

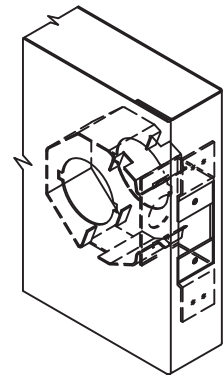


DOOR CONSTRUCTION TOP AND BOTTOM



LOCK PREPARATIONS

- CYLINDRICAL ANSI A115.2
- BACKSET 2-3/4" (STD)
3-3/4" (OPT)
- CYLINDRICAL & MORTISE DEADLOCK (optional)

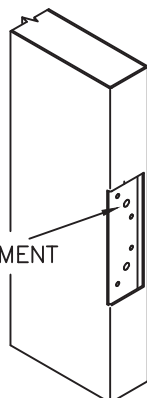


LOCK EDGE IS BEVELED
1/8" in 2"

HINGE PREPARATION

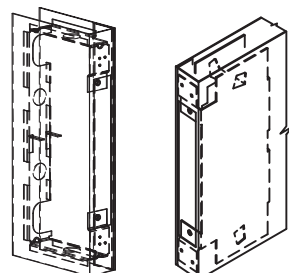
HINGE PREP IS HANDED

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.

03/16/20

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



D12D-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

ACOUSTICAL FIRE DOORS

LABELING AGENCIES: * UL * WARNOCK HERSEY
TEST: UL 10B, UL 10C, UL 1784, & NFPA 252 RATING: * 20 MIN. THRU 3 HRS. (STX 42-51) FLUSH SINGLES 4'0" x 8'0" MAX. * DESIGNS: FLUSH ONLY

STC
51

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTALLATION
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACOUSTIC DOOR
SYSTEM LABELS

ACTUAL
STC RATING
SHOWN HERE

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 rabbet 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. The frames must also be grout 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, ANSI 156.3 rim exit device or lockmaster lock for government or military projects. Lock jamb preparation is for 4-7/8" high strike (ANSI A115.1 or 2) or rim exit reinforcement. Electric Power Transfer (EPT), mag switch and cylindrical deadbolt's are additional optional hardware.

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 selection of standard colors (optional). Colorstyle finish is electrostatically applied, oven-cured urethane enamel, and shall conform 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.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Single Doors	42-51	Cyl/Mort./Rim	3/8"	3 Hr.	Pemko Seals: S88, S44, S773, S771, ACP112, 2009_PK Threshold-Set 6
	42-50	Lockmaster	3/8"	3 Hr.	Pemko Seals: S88, S44, S773, S771, ACP112, 2009_PK Threshold-Set 6

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

- STC 42-50 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
- STC 42-49 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
- STC 42-48 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
- STC 42-47 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
- STC 48 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.
- STC 49 WITH LOCKMASTER/MILITARY LOCK MAY HAVE (1) OPTIONAL PREP.
- STC 49 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.
- STC 50 WITH LOCKMASTER/MILITARY LOCK OPTIONAL PREPS ARE NOT AVAILABLE.
- STC 50 WITH RIM PANIC MAY HAVE (1) OPTIONAL PREP.
- STC 50 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.
- STC 51 WITH RIM PANIC OPTIONAL PREPS ARE NOT AVAILABLE.
- STC 51 WITH MORTISE LOCK MAY HAVE (1) OPTIONAL PREP
- STC 51 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



03/13/20

ASSA ABLOY

1-3/4" Sound-Tech Xpress

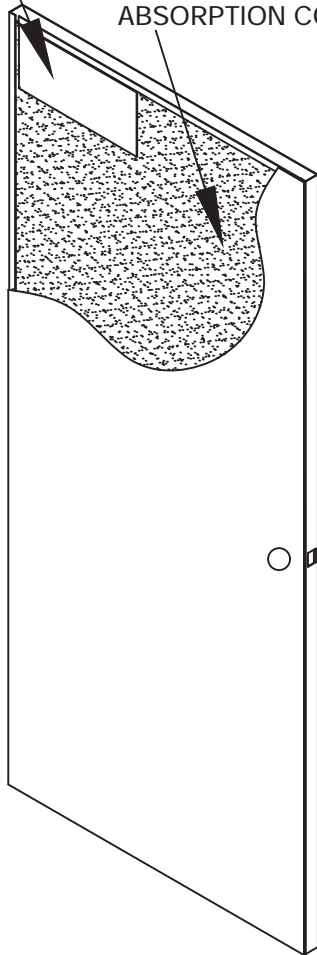
STC52 (Flush Singles)

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, BOTTOM SEALS AND THRESHOLD AS
REQUIRED FOR RATING.

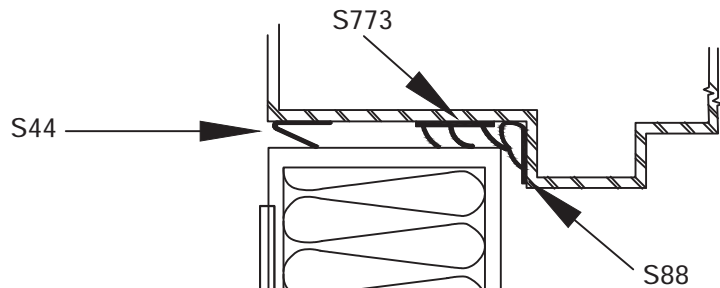
*The Required Core Will Be Provided
To Achieve The Rating Needed.
Appropriate Accoustical Seal Sets
Are Provided With Each STC Rated
Assembly.*

OPTIONAL SURFACE MOUNTED
CLOSER REINFORCEMENT

REVOLUTIONARY SOUND
ABSORPTION CORE



DOOR DESIGN

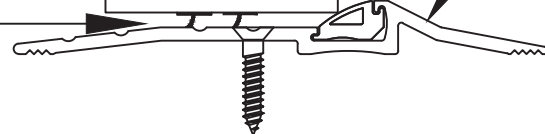


REFER TO
WWW.CECODOOR.COM
FOR INSTALLATION
INSTRUCTIONS.

STX 52 SHOWN
PEMKO
SEAL SET 6

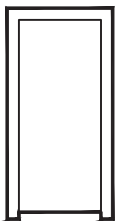
2009APK
OR
2009DPK

S771
DOUBLE ROW



D12E-1

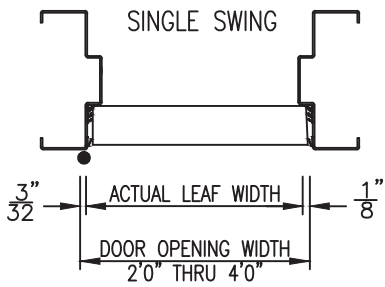
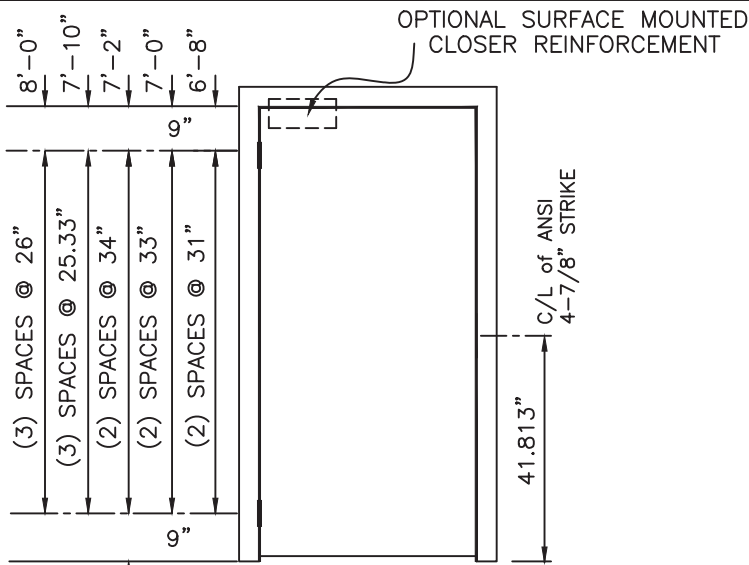
03/18/20



F
(ELEVATION)

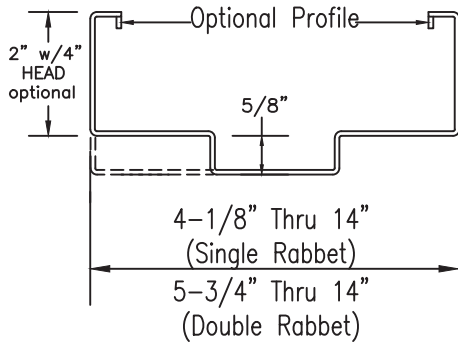
*Suggested Uses:
Conference Rooms, Clinical
Offices, Courtrooms, Legal Offices,
Broadcast Studios, Boardrooms,
Libraries, Music Rooms, and
Performing Arts Studios, Hotel/Motel,
and Military Barracks.*

D12E-2

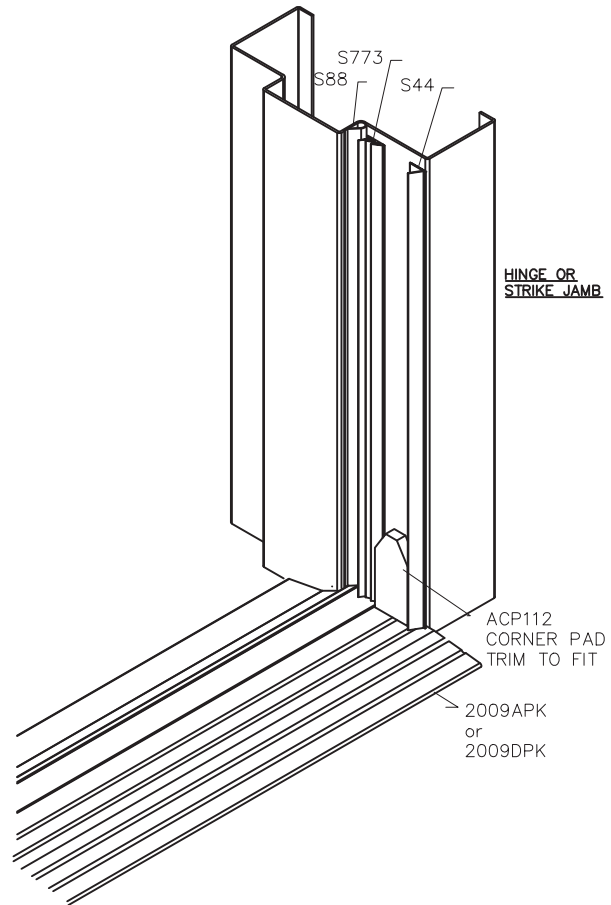
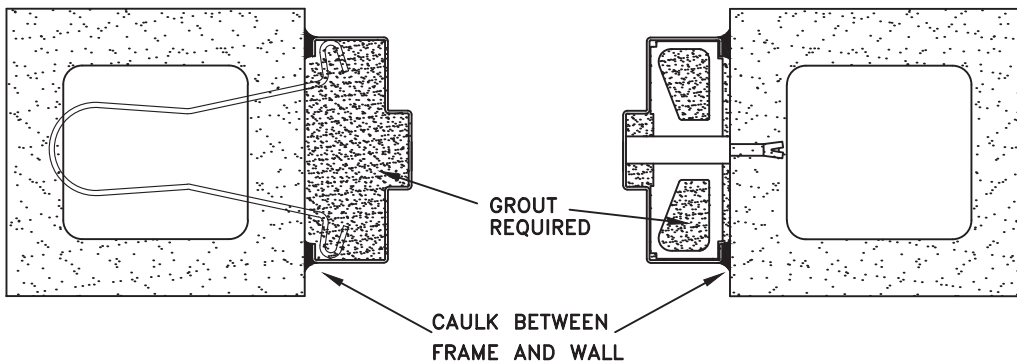


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONARY APPLICATIONS SHOWN BELOW



VERTICAL SECTION

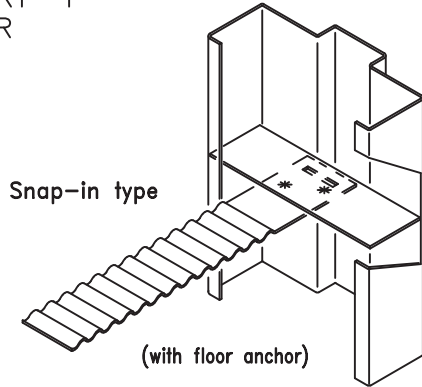
It is important that acoustic door systems be properly installed and sealed into the wall to prevent "flanking noise". Acoustical systems are furnished with detailed installation instructions.

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

03/18/20

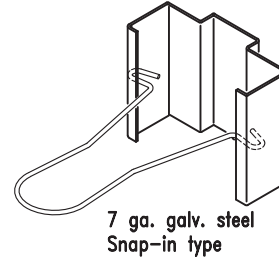
D12E-3

MASONRY "T" ANCHOR



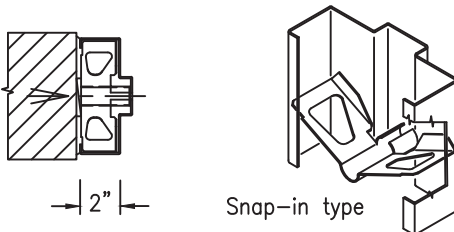
(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

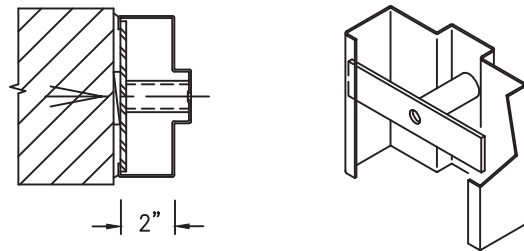


SU PROFILE EO/S6: 4-3/4" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

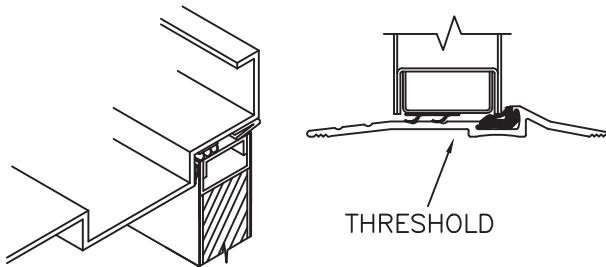
SQ PROFILE EO/S6: 5-1/8" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS

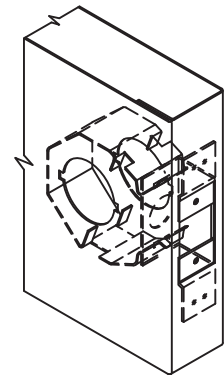


DOOR CONSTRUCTION TOP AND BOTTOM



LOCK PREPARATIONS

CYLINDRICAL ANSI A115.2
BACKSET
2-3/4" (STD)
3-3/4" (OPT)
CYLINDRICAL & MORTISE DEADLOCK (optional)

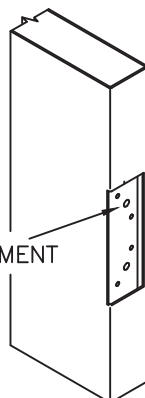


LOCK EDGE IS BEVELED
1/8" in 2"

HINGE PREPARATION

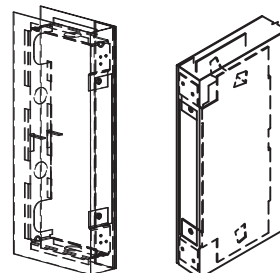
HINGE PREP IS HANDED

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



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

03/18/20

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



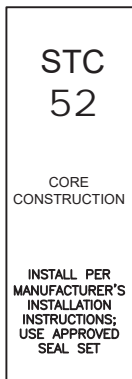
D12E-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

ACOUSTICAL FIRE DOORS

LABELING AGENCIES: * UL * WARNOCK HERSEY
TEST: UL 10B, UL 10C, UL 1784, & NFPA 252 RATING: * 20 MIN. THRU 3 HRS. (STX 52) FLUSH SINGLES 4'0" x 8'0" MAX. * DESIGNS: FLUSH ONLY



ACOUSTIC DOOR SYSTEM LABELS

ACTUAL STC RATING SHOWN HERE

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. Flush mounted top and bottom caps are applied. 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 rabbet profile of continuously welded construction and are available for any masonry 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. The frames must also be grout 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, or ANSI A115.1 mortise lock. Lock jamb preparation is for 4-7/8" high strike (ANSI A115.1 or 2). Optional surface mounted closer reinforcements are available. Mag locks, Electric Power Transfer (EPT) and deadlocks are options for STC 52.

Paint: Doors and frames shall be provided with one coat of oven-cured neutral color prime paint. Primer coat shall conform with 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 selection of standard colors (optional). Colorstyle finish is electrostatically applied, oven-cured urethane enamel, and shall conform 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.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Single Doors	52	Cyl/Mort.	3/8"	3 HOUR	Pemko Seals: S88, S44, S773, S771, ACP112, 2009_PK Threshold-Set 6

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG LOCK OR DEADLOCK.

STC 52 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.

STC 52 WITH MORTISE LOCK MAY HAVE (1) OPTIONAL PREP.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



03/18/20

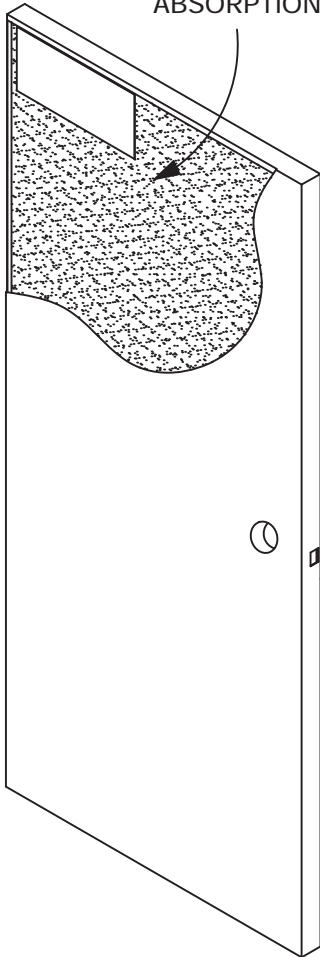
ASSA ABLOY

2-1/2" STC 55 Sound-Tech Xpress

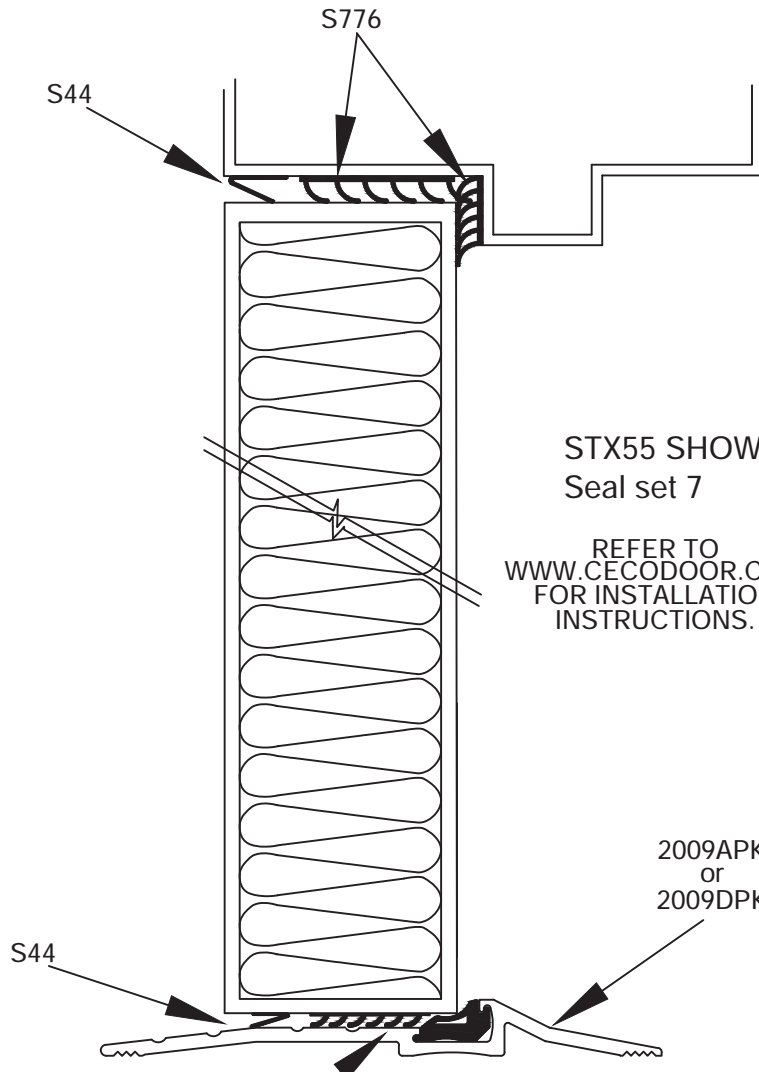
TESTED AND IN COMPLIANCE WITH ASTM E90, ASTM E413, ASTM E1332, & ASTM E2235. DOOR SYSTEMS ARE IN COMPLIANCE WITH HMMA 865 & SDI-128 SPECIFICATIONS. COMPLETE WITH PERIMETER SOUND SEALS, BOTTOM SEALS AND THRESHOLD AS REQUIRED FOR RATING.

D12F-1

REVOLUTIONARY SOUND ABSORPTION CORE



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

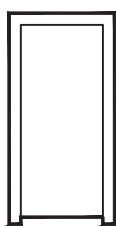


STX55 SHOWN
Seal set 7

REFER TO
WWW.CECODOOR.COM
FOR INSTALLATION
INSTRUCTIONS.

2009APK
or
2009DPK

DOOR DESIGN



F
(ELEVATION)

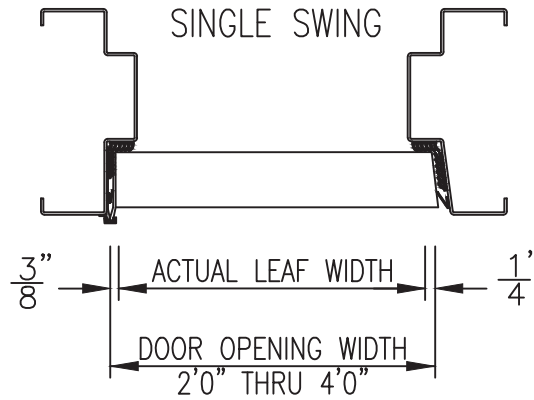
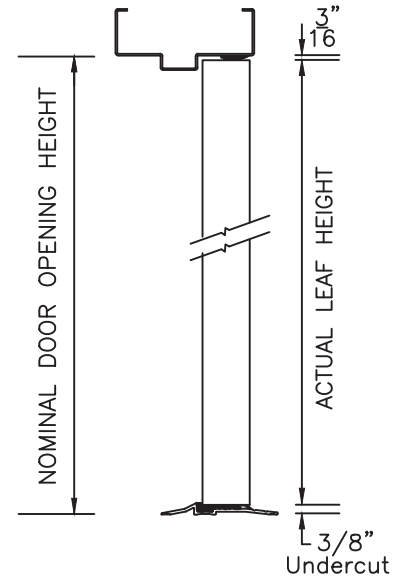
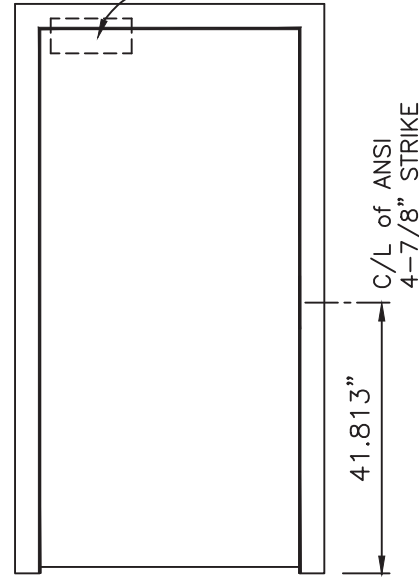
Suggested Uses:

Conference Rooms, Clinical Offices, Courtrooms, Legal Offices, Broadcast Studios, Boardrooms, Libraries, Music Rooms, and Performing Arts Studios, Hotel/Motel, and Military/Government facilities.

03/18/20

D12F-2

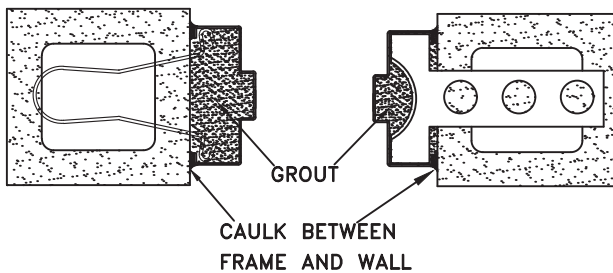
OPTIONAL SURFACE MOUNTED
CLOSER REINFORCEMENT



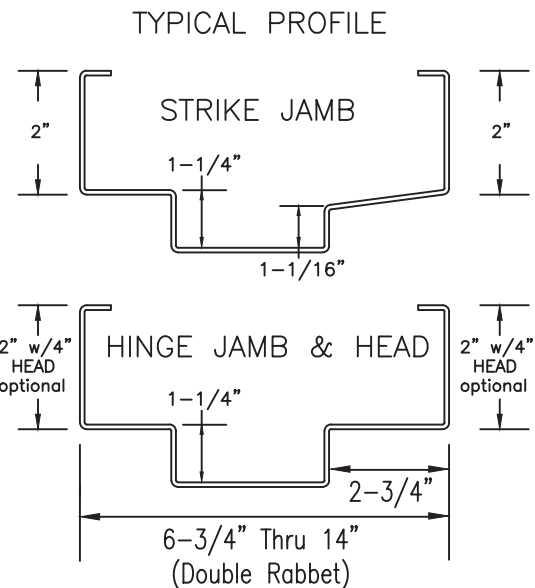
HORIZONTAL SECTIONS

VERTICAL SECTION

SOME COMMON MASONARY APPLICATIONS SHOWN BELOW



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.



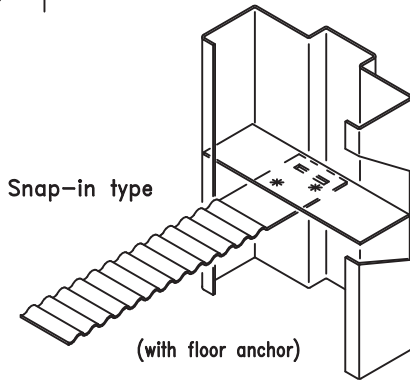
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)



03/18/20

D12F-3

MASONRY "T" ANCHOR

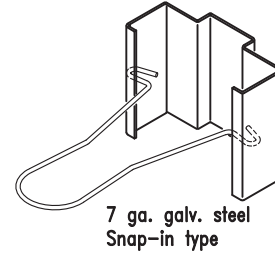


Snap-in type

(with floor anchor)

(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

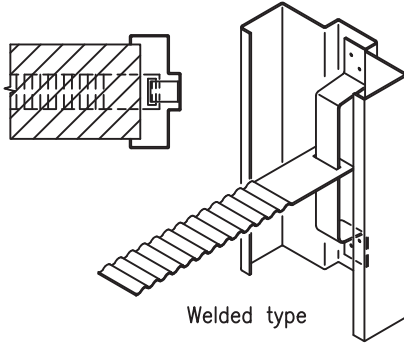
WIRE MASONRY ANCHOR



7 ga. galv. steel
Snap-in type

YOKE AND STRAP MASONRY ANCHOR YS

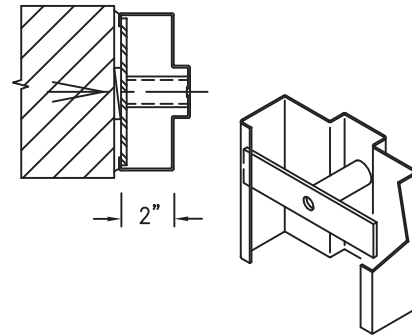
ANCHOR FITS VARIOUS DEPTHS



Welded type

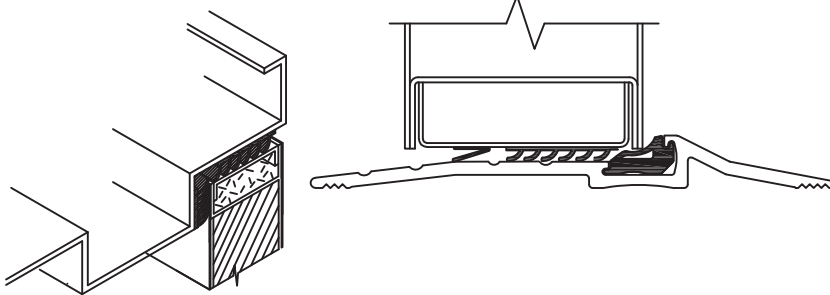
EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS



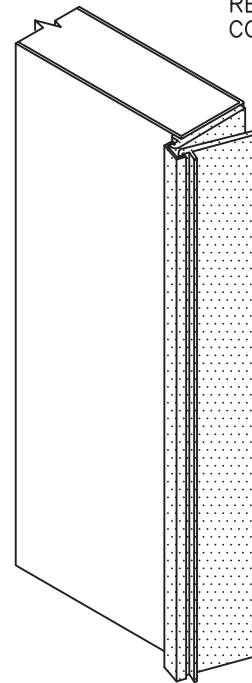
2"

DOOR CONSTRUCTION TOP AND BOTTOM



HINGE PREPARATION

REINFORCED FOR CONTINUOUS HINGE

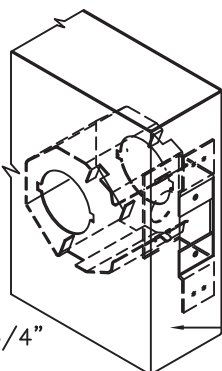


LOCK PREPARATIONS

- * SARGENT 11 LINE CYLINDRICAL ("B" OR "O" ROSE) OR
- * CORBIN-RUSSWIN CL3100 CYLINDRICAL ("C" OR "K" ROSE) ANSI A115.2 (BY OTHERS)

BACKSET = 2-3/4"
OPTIONAL BACKSET = 3-3/4"
LOCK EDGE IS BEVELED

- * CHECK WITH THE LOCK MANUFACTURERS FOR THE STC 55 LOCK ORDER CODES.



LOCKS ARE HANDED AND CAN'T BE RE-HANDED IN THE FIELD. LOCKS SHOULD BE ORDERED THE SAME HAND AS THE DOOR AND FRAME.

WIDE EDGE OF LOCK PREPARATION IS AGAINST FRAME STOP, WHEN DOOR IS CLOSED.

PEMKO X25MC or XM25D (SPECIFY FINISH)
EXTRA-HEAVY DUTY CONTINUOUS HINGE SUPPLIED BY CECO

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



03/18/20

D12F-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

PRODUCT SPECIFICATIONS:

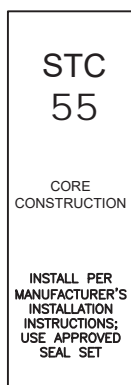
2-1/2" thick acoustical steel door system shall be as provided by Ceco Door Products, USA. Doors and frames shall conform to the Steel Door Institute guide specification, ANSI A250.8 as applicable.

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. Optional surface mounted closer reinforcements are available. 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 double rabbet profile of continuously welded construction and are available for any masonry acoustic wall system applications. They are constructed of 16 gauge to provide the STC performance specified. Mutes are not allowed in these frames. The frames must also be grout filled to achieve the STC rating.

Hardware Provisions: Doors and frames will be reinforced for a Pemko X25MC or X25MD (specify finish) extra heavy duty continuous hinge (supplied by Ceco). The door lock edge has a standard bevel and is prepared for a Sargent 11 Line or Corbin Russwin CL3100 (ANSI A115.2) cylindrical lock. Check with Sargent for the STC 55 11 Line lock order code. Check with Corbin Russwin for the STC 55 CL3100 lock order code. When a 2-3/4" back set is used, Sargent "B" or "O" rose, Corbin Russwin "C" or "K" rose should be specified. 3-3/4" is an optional back set with other rose trims. A 3/4" latch throw is required. The lock jamb preparation is for 4-7/8" high strike (ANSI A115.1 or 2).

ACOUSTIC DOOR SYSTEM LABELS



ACTUAL
STC RATING
SHOWN HERE

Paint: Doors and frames shall be provided with one coat of oven-cured neutral color prime paint. Primer coat shall conform with ANSI A250.10. The primer coat is a preparatory base for necessary finish painting. "Colorstyle" factory finish coat is not available.

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 System

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Single Door	55	Cylindrical	3/8"	N/A	Pemko Seals:S776, S44, 2009_PK Threshold-Set 7

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

03/19/20

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

Ceco Door

ASSA ABLOY

Experience a safer
and more open world

1-3/4" Sound-Tech Xpress⁺

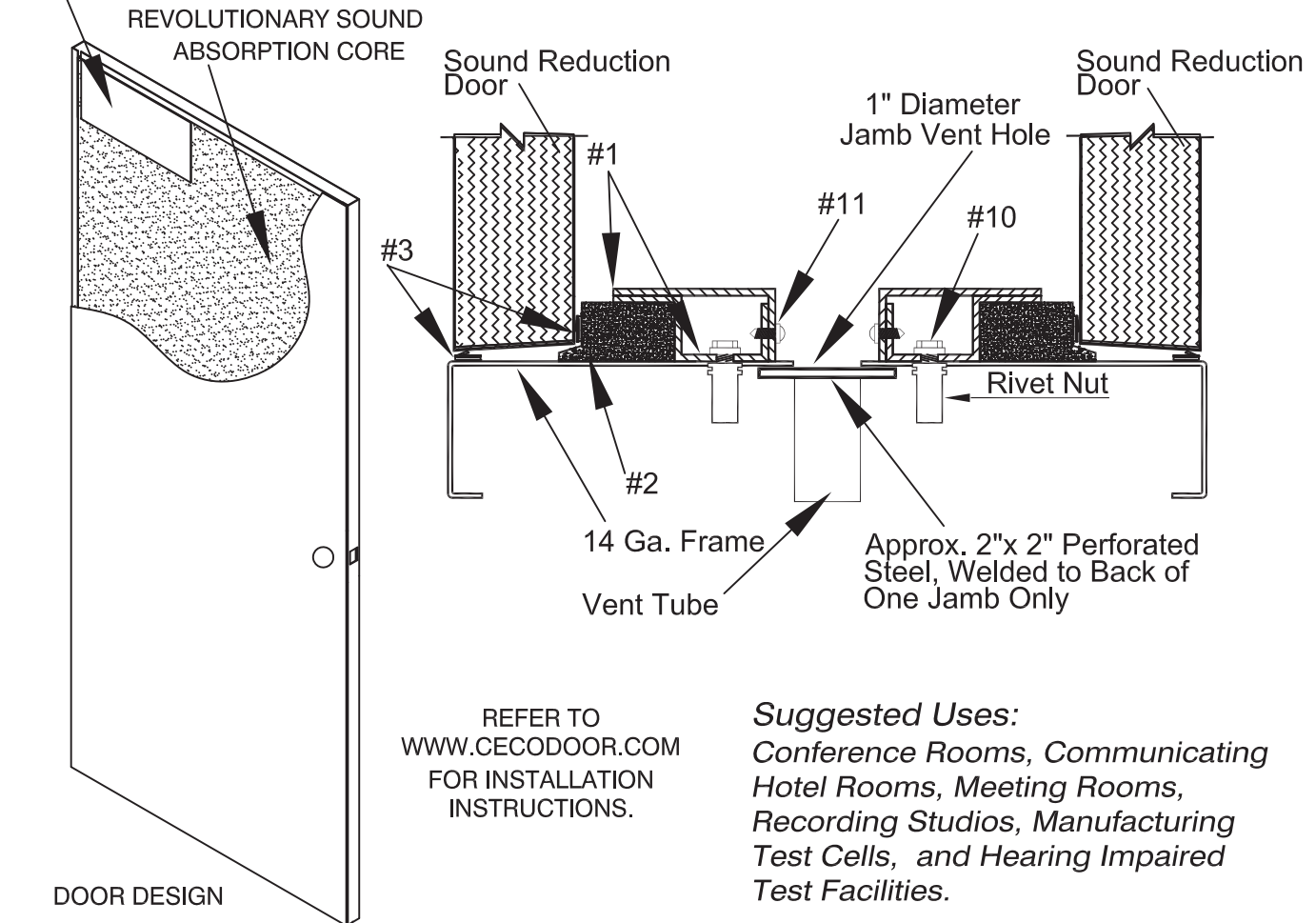
Communicating STC56 thru STC66 (Flush Singles)

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, BOTTOM SEALS, THRESHOLD AND CAM LIFT HINGES
 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

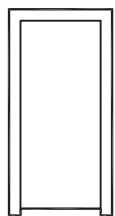
REVOLUTIONARY SOUND
 ABSORPTION CORE



REFER TO
 WWW.CECODOOR.COM
 FOR INSTALLATION
 INSTRUCTIONS.

*Suggested Uses:
 Conference Rooms, Communicating
 Hotel Rooms, Meeting Rooms,
 Recording Studios, Manufacturing
 Test Cells, and Hearing Impaired
 Test Facilities.*

DOOR DESIGN



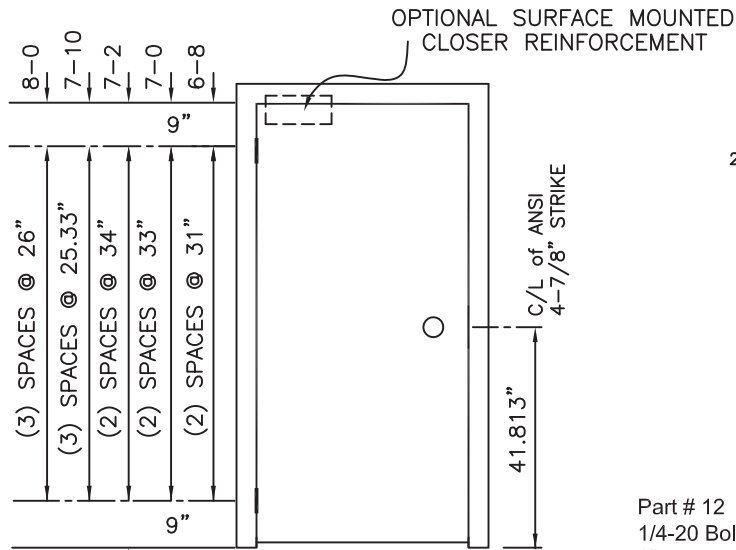
F
 (ELEVATION)

PART #	PART DESCRIPTION
# 1	SOUND TIGHT METAL RETAINER & COVER
# 2	SOUND TIGHT NEOPRENE SEAL (PERIMETER)
# 3	PEMKO S44 SEAL
# 4	RIGHT HAND GRAVITY GLIDE HINGE
# 5	LEFT HAND GRAVITY GLIDE HINGE
# 6	ADJUSTABLE L-FRAME DOOR BOTTOM™
# 7	SOUND TIGHT NEOPRENE SEAL (DOOR BOTTOM)
# 8	PEMKO 1547 THRESHOLDS (MILL or DARK BRONZE FINISH)
# 10	1/4-20 X 3/4 HEX HEAD BOLTS (RETAINER & DOOR BOTTOM)
# 11	6-20 X 3/8 PHILLIPS HEAD SCREWS(COVER)
# 13	5" SLOTTED HINGE SHIMS

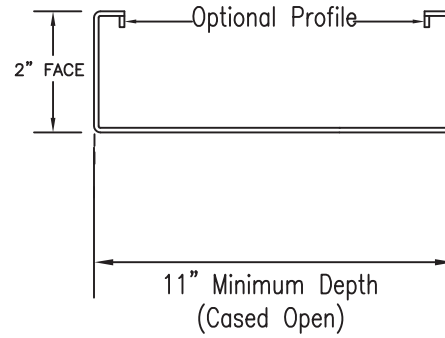
D12FA-1

06/09/15

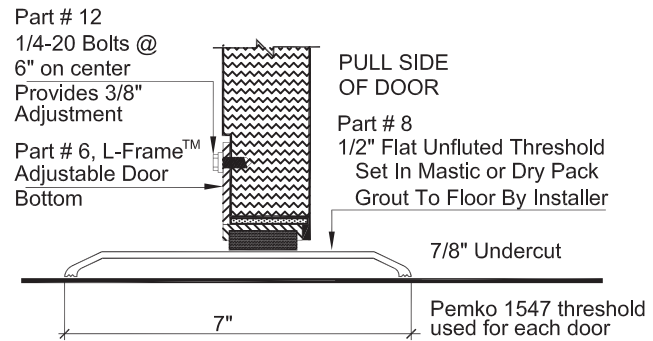
D12FA-2



TYPICAL PROFILE

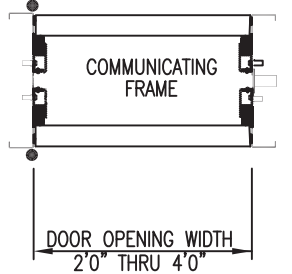


COMMON WALL APPLICATION SHOWN BELOW

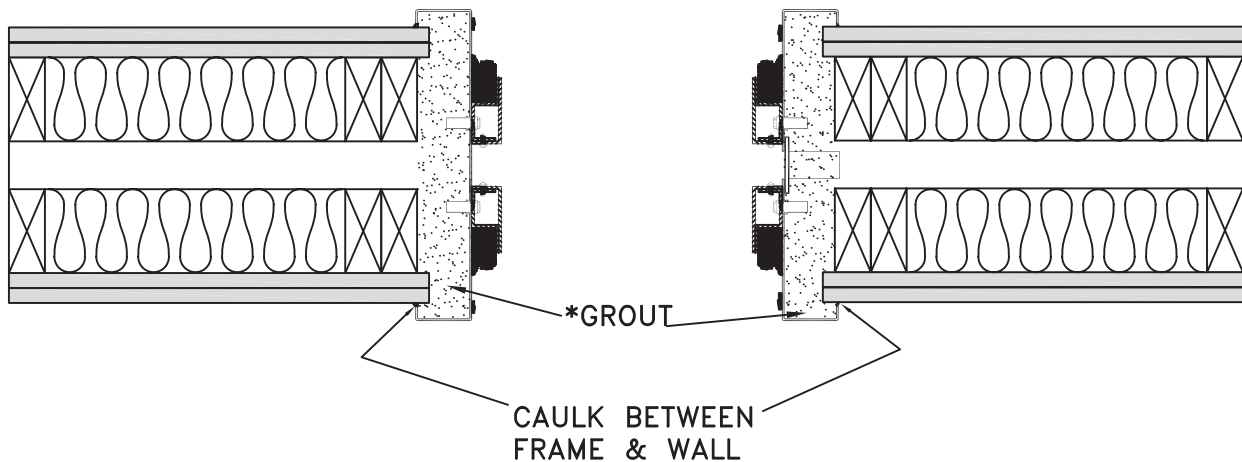


Thresholds must be level and filled to compensate for uneven floors and prevent sound leaks
Thresholds should protrude 1 1/2" past each face of frame, at pull side of door, to allow the EPDM neoprene seal section of the door bottom to seat properly during normal operation with the Gravity Glide hinges.
Please specify threshold finish. Available with mill aluminum or dark bronze finish.

NOTE:
DOORS CAN HINGE ON SAME JAMB OR HINGE ON OPPOSITE JAMBS.



HORIZONTAL SECTION



STC wall construction varies with STC rating required.
*Installation in stud walls will require grouting prior to installation.

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)

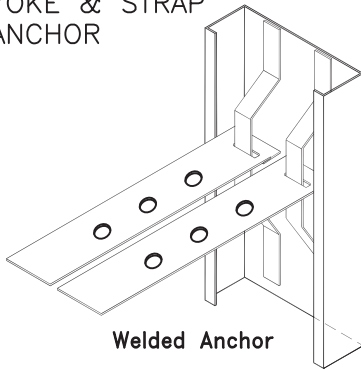
06/09/15

TECH-DATA

Sound-Tech Xpress Door Systems

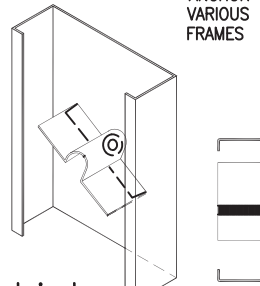
D12FA-3

MASONRY
YOKE & STRAP
ANCHOR



Welded Anchor

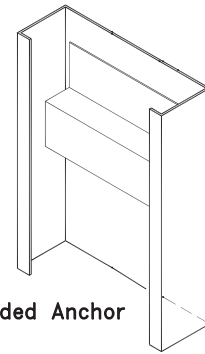
EXISTING OPENING
ANCHOR
EO



ANCHOR FITS
VARIOUS DEPTH
FRAMES

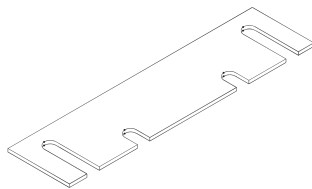
Welded-in type
3/8" Dimpled Hole
Anchor Bolts by Others

METAL STUD
ANCHOR



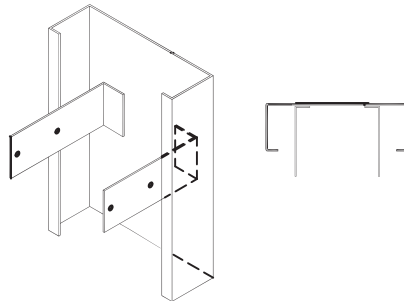
Welded Anchor

HINGE
SHIM



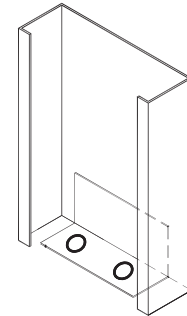
20 Gauge
Part # 13

WOOD STUD
ANCHOR



Welded Anchor

FLOOR
ANCHOR



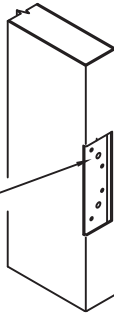
Welded Anchor

HINGE
PREPARATION

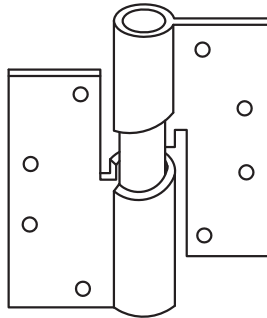
HINGE PREP
IS HANDED

7 GAGE
REINFORCEMENT

ANSI A156.7



GRAVITY GLIDE
CAM LIFT HINGE
BY CECO

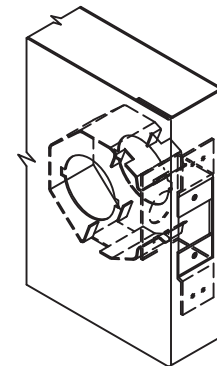


PART #4 LH HINGE
PART #5 RH HINGE (SHOWN)

LOCK
PREPARATIONS

CYLINDRICAL
ANSI A115.2

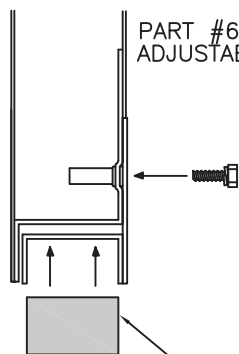
BACKSET:
3-3/4" (STD)



* 3-1/2" MAX. ROSE SIZE MAY BE USED.

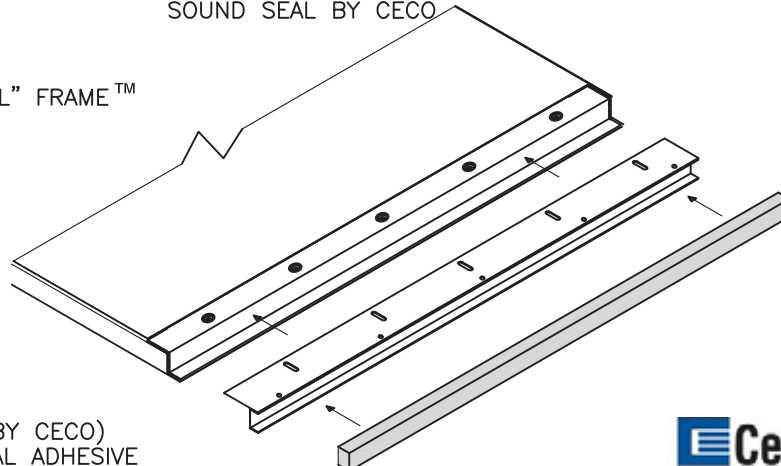
LOCK EDGE IS BEVELED
1/8" in 2"

DOOR BOTTOM
CONSTRUCTION



PART #6
ADJUSTABLE "L" FRAME™

SURFACE APPLIED BOTTOM
SOUND SEAL BY CECO



EPDM NEOPRENE SEAL (BY CECO)
ATTACHED WITH INDUSTRIAL ADHESIVE

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

Ceco Door

ASSA ABLOY

06/10/15

D12FA-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

NO FIRE RATING AVAILABLE

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 communicating 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. Flush mounted top caps are applied to doors. 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 frame.

Frames are cased open profile of continuously welded construction and are available for any masonry or stud acoustic wall system applications. They are constructed of 14 gauge min. to provide the STC performance specified. The frames must also be fully grout filled to achieve the STC rating.

Hardware Provisions: Hinge preparations are handed. The hinge preparations are for gravity glide cam lift 5" hinges. The door lock edge has a standard bevel and is prepared for ANSI A115.2 cylindrical lock with a 3-3/4" backset. Lock jamb preparation is for 4-7/8" high strike (ANSI A115.1 or 2). Optional surface mounted closer reinforcements are available. Mag locks, Electric Power Transfer (EPT) and deadlocks are not available.

Paint: Doors and frames shall be provided with one coat of oven-cured neutral color prime paint. Primer coat shall conform with ANSI A250.10. The primer coat is a preparatory base for necessary finish painting. "Colorstyle" factory finish coat is not available for the doors or the 3 sided frame.

STC
66

ACOUSTIC DOOR
SYSTEM LABELS

ASTM
E90
ASTM
E413

ACTUAL
STC RATING
SHOWN HERE

INSTALL PER
MANUFACTURER'S
INSTALLATION
INSTRUCTIONS;
USE APPROVED
SEAL SET

Sound-Tech Xpress Door Systems					
Communicating Single Doors	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set
	66	Cylindrical	7/8"	N/A	66

OPTIONAL HARDWARE PREPARATIONS ARE: SURFACE MOUNTED CLOSER

PLEASE CONSULT FACTORY FOR AVAILABILITY OF OTHER NON-TESTED ASSEMBLIES.

PART #	SEAL SET 66 PART DESCRIPTION
# 1	SOUND TIGHT METAL RETAINER & COVER
# 2	SOUND TIGHT NEOPRENE SEAL (PERIMETER)
# 3	PEMKO S44 SEAL
# 4	RIGHT HAND GRAVITY GLIDE HINGE
# 5	LEFT HAND GRAVITY GLIDE HINGE
# 6	ADJUSTABLE L-FRAME DOOR BOTTOM™
# 7	SOUND TIGHT NEOPRENE SEAL (DOOR BOTTOM)
# 8	PEMKO 1547 THRESHOLDS (MILL OR DARK BRONZE FINISH)
# 10	1/4-20 X 3/4 HEX HEAD BOLTS (RETAINER & DOOR BOTTOM)
# 11	6-20 X 3/8 PHILLIPS HEAD SCREWS(COVER)
# 13	5" SLOTTED HINGE SHIMS

06/09/15

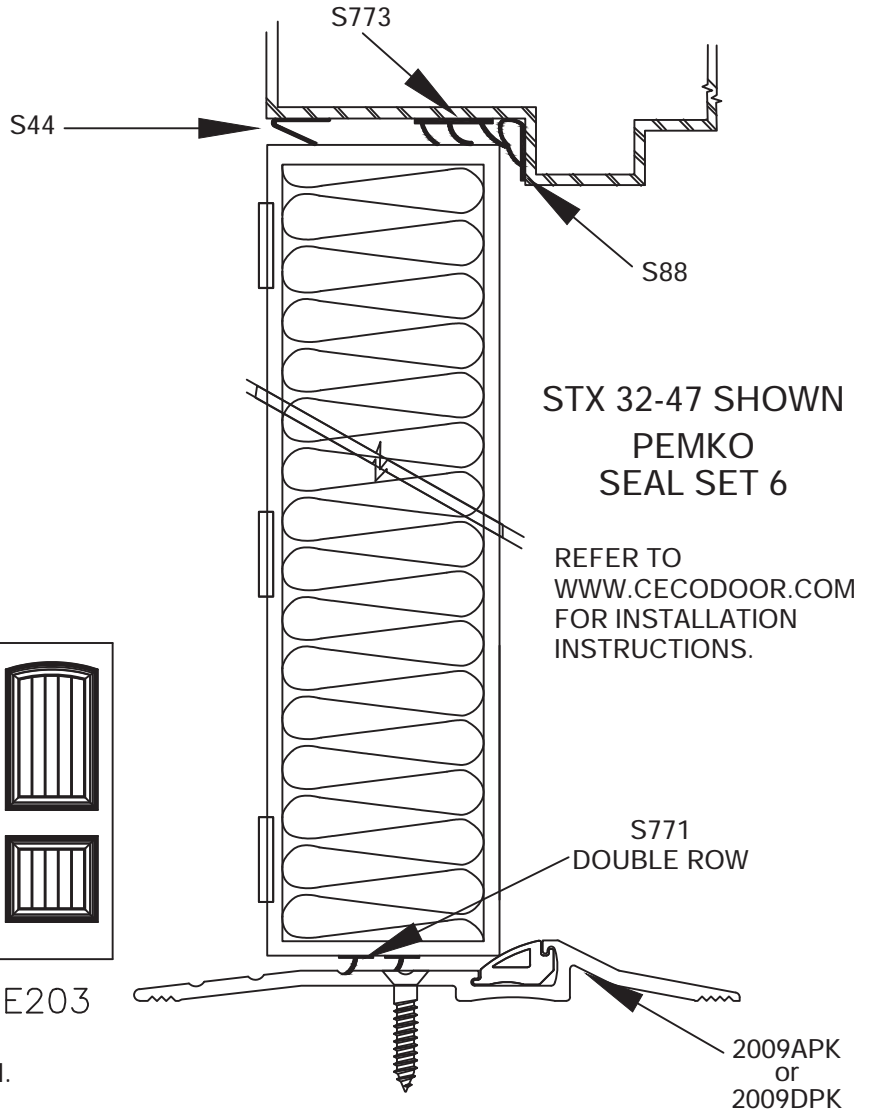
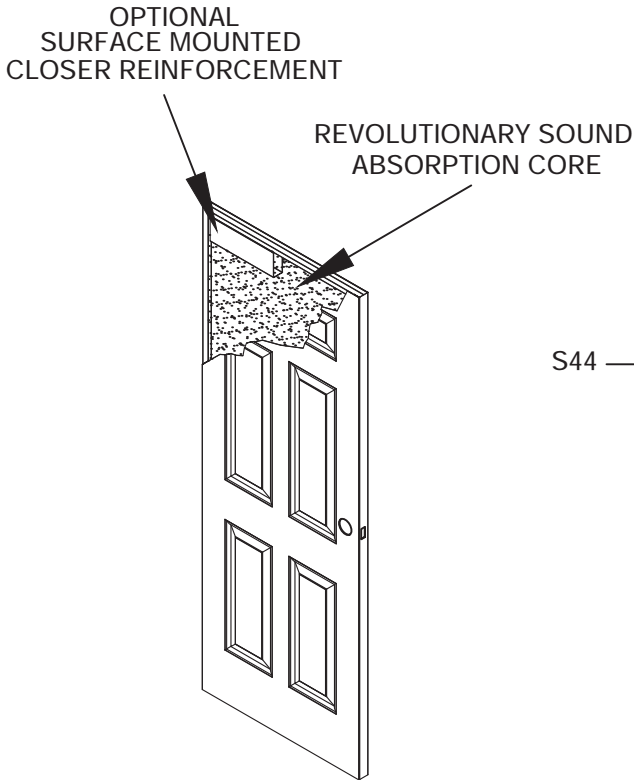
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

1-3/4" Sound-Tech Xpress

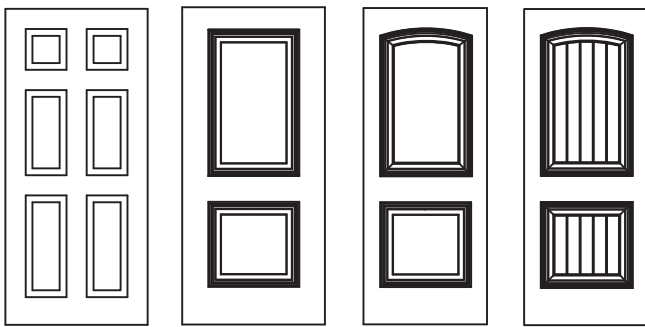
STC 32-47 (Single Embossed 2 and 6 Panel Doors)

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.*



EMBOSSSED DOOR DESIGN



E601

E201

E202

E203

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

6 PANEL	
WIDTH	*2'8", 3'0"
HEIGHT	6'8", 7'0"
GAGE	18 STD., 16 OPT.

2 PANEL	
WIDTH	*2'8", 3'0"
HEIGHT	6'8", 7'0", 8'0"
GAGE	18

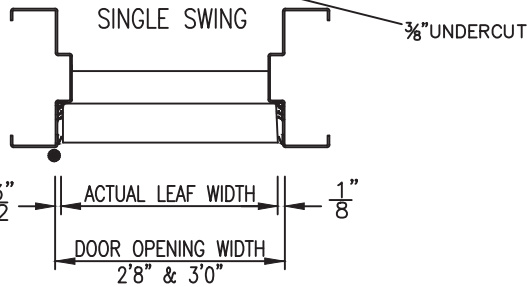
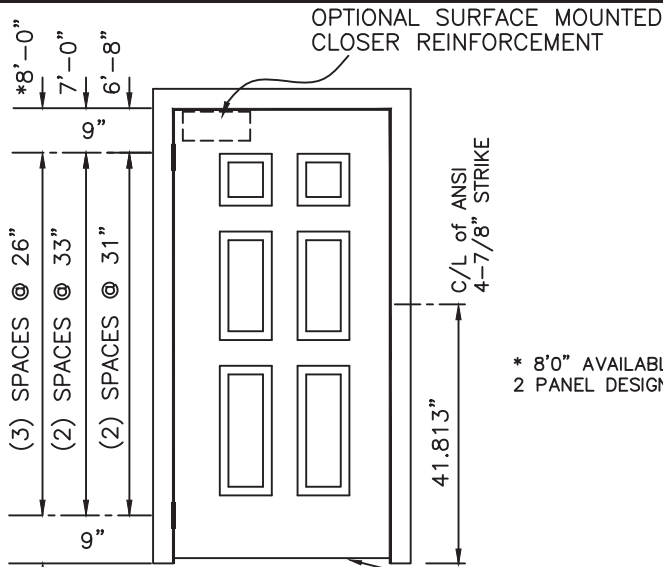
Suggested Uses:

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

D12G-1

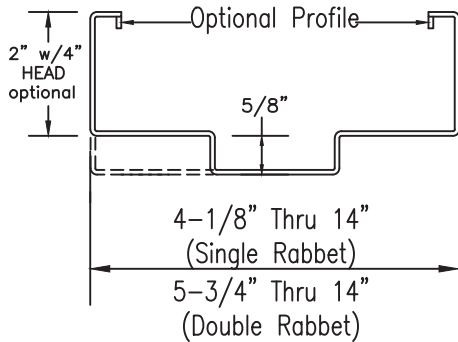
03/18/20

D12G-2

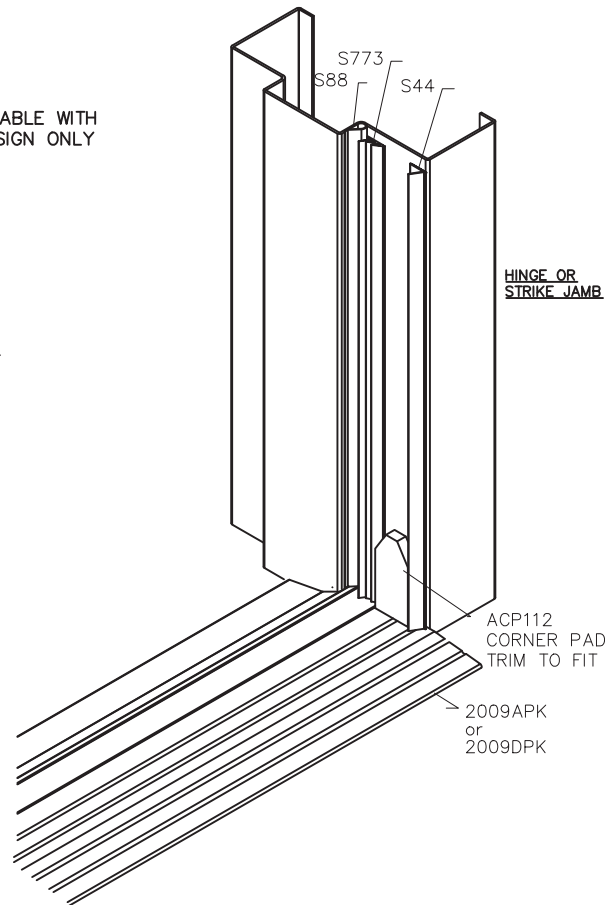
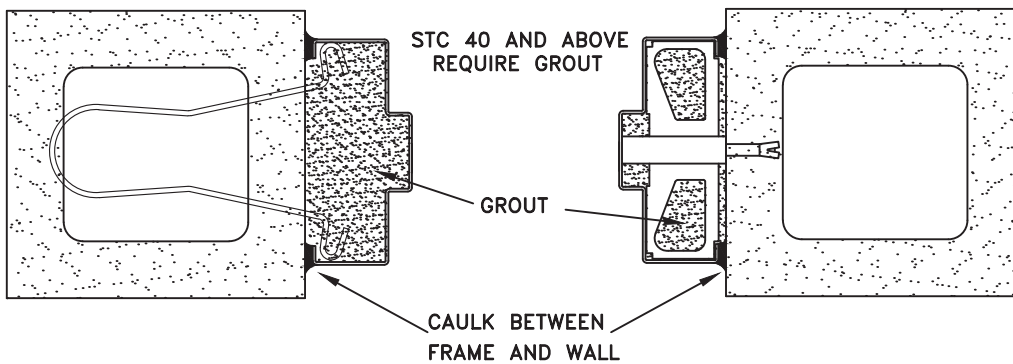


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONARY APPLICATIONS SHOWN BELOW



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.

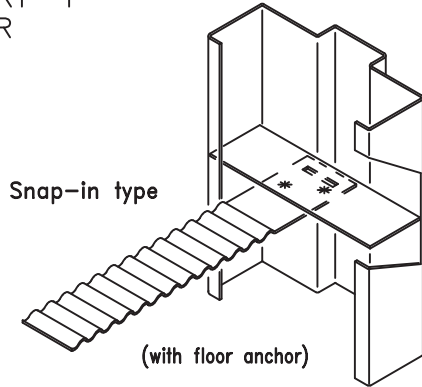
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

03/18/20



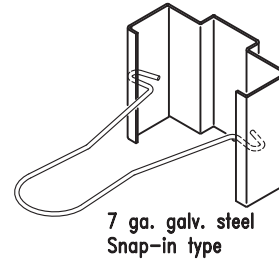
D12G-3

MASONRY "T" ANCHOR



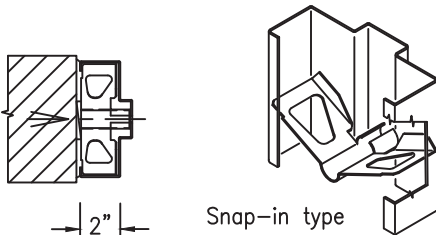
(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

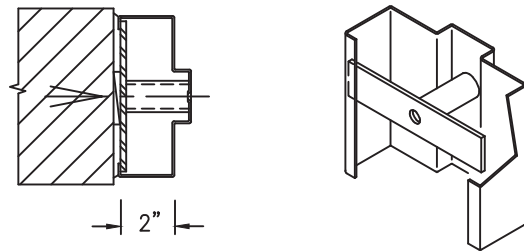


SU PROFILE EO/S6: 4-3/4" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

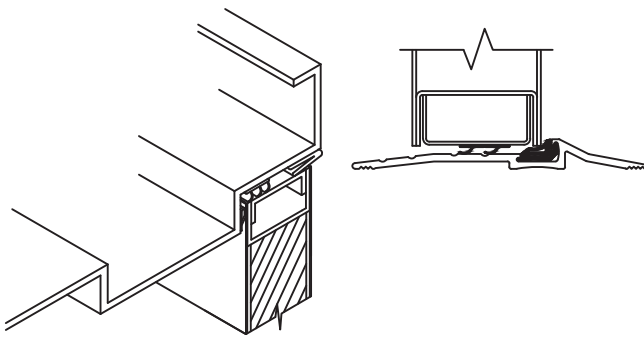
SQ PROFILE EO/S6: 5-1/8" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS

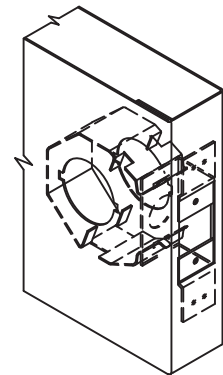


DOOR CONSTRUCTION TOP AND BOTTOM



LOCK PREPARATIONS

CYLINDRICAL ANSI A115.2 BACKSET 2-3/4" (STD)
3-3/4" BACKSET (OPT) 3'0" WIDTH ONLY
2'8" WIDTH 2-3/8" BACKSET ONLY



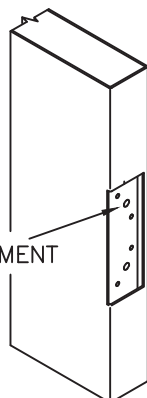
VERIFY ROSE SIZE IS COMPATIBLE WITH LOCK STILE AND PANEL LOCATION.

LOCK EDGE IS BEVELED 1/8" in 2"

HINGE PREPARATION

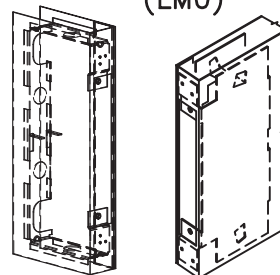
HINGE PREP IS HANDED

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)



MORTISE LOCKS AVAILABLE IN 3'0" WIDTH ONLY

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

03/19/20

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



D12G-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
SINGLE	
2'-8" 3'-0"	6'-8" 7'-0" **8'-0"

****2 PANEL ONLY**

ACOUSTICAL FIRE DOORS

LABELING AGENCIES:
* UL * WARNOCK HERSEY
TEST: UL 10B, UL 10C, UL 1784, & NFPA 252
RATING: * 20 MIN. THRU 45 MIN.
* DESIGNS: EMBOSSED 2 OR 6 PANEL

STC
47

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACOUSTIC DOOR
SYSTEM LABELS

ACTUAL
STC RATING
SHOWN HERE

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. 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 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 rabbet 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 grout filled to achieve an STC40 and above 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 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 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.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Single Doors	SEE BELOW	SEE BELOW	3/8"	45 MIN.	Pemko Seals: S88, S44, S773, S771, ACP112, 2009_PK Threshold-Set 6

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 46 (6) PANEL WITH MORTISE LOCK. ADDITIONAL OPTIONS NOT ALLOWED.
- STC 45 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
- STC 45 (6) PANEL WITH MORTISE LOCK. ONE OPTIONAL PREPARATION ALLOWED.
- STC 45 (6) PANEL WITH RIM EXIT. ADDITIONAL OPTIONS NOT ALLOWED.
- STC 32-44 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
- STC 44 (6) PANEL WITH MORTISE LOCK. TWO OPTIONAL PREPARATIONS ALLOWED.
- STC 44 (6) PANEL WITH RIM EXIT. ONE OPTIONAL PREPARATION ALLOWED.
- STC 32-43 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
- STC 43 (6) PANEL WITH RIM EXIT. TWO OPTIONAL PREPARATIONS ALLOWED.
- STC 32-42 (6) PANEL WITH RIM EXIT. 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 45 (2) PANEL WITH MORTISE LOCK. ADDITIONAL OPTIONS NOT ALLOWED.
- STC 44 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
- STC 44 (2) PANEL WITH MORTISE LOCK. ONE OPTIONAL PREPARATION ALLOWED.
- STC 44 (2) PANEL WITH RIM EXIT. ADDITIONAL OPTIONS NOT ALLOWED.
- STC 32-43 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
- STC 43 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
- STC 43 (2) PANEL WITH RIM EXIT. ONE OPTIONAL PREPARATION ALLOWED.
- STC 32-42 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
- STC 42 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
- STC 32-41 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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

03/19/20



1-3/4" Sound-Tech Xpress

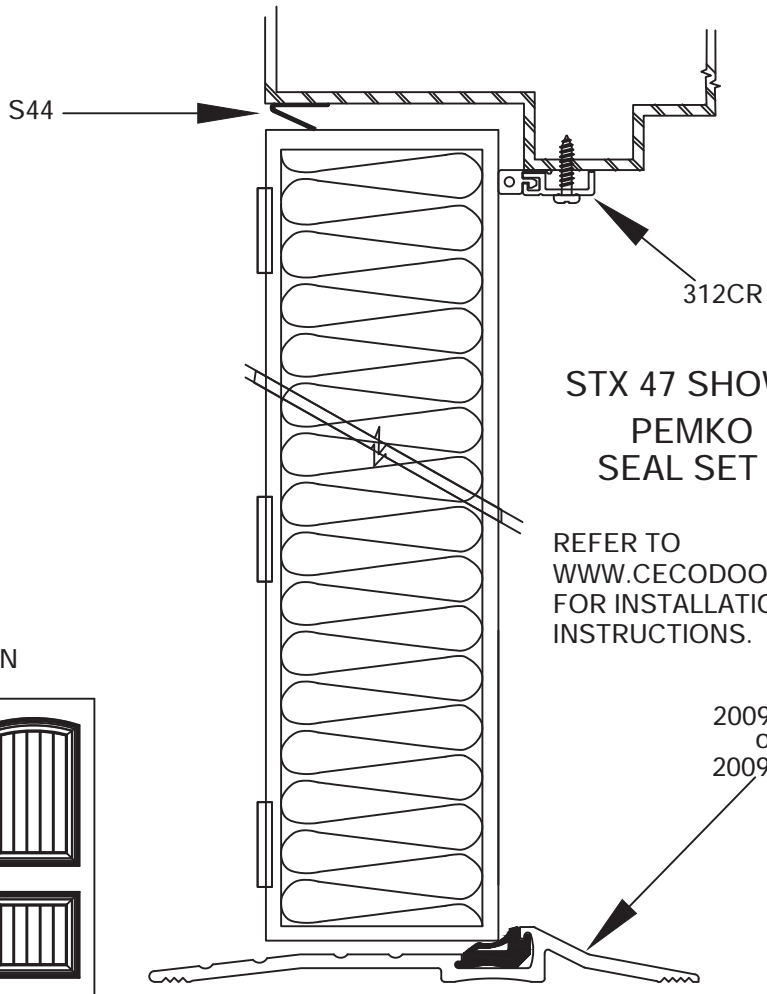
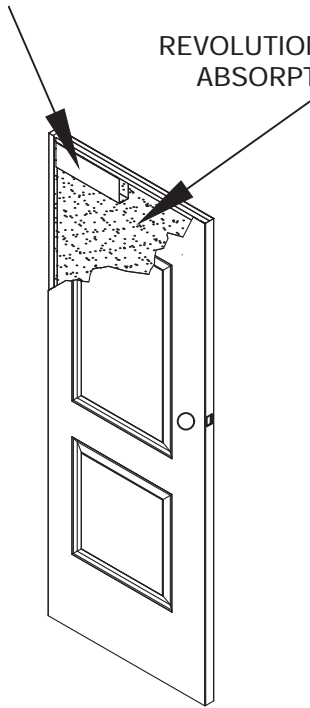
STC 47 (Embossed 2 Panel Single Doors)

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 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

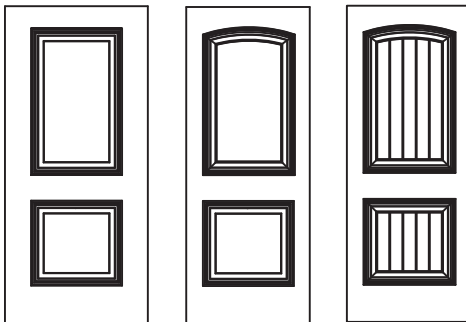
REVOLUTIONARY SOUND ABSORPTION CORE



STX 47 SHOWN
 PEMKO
 SEAL SET 2

REFER TO
 WWW.CECODOOR.COM
 FOR INSTALLATION
 INSTRUCTIONS.

EMBOSSED DOOR DESIGN



E201

E202

E203

2 PANEL

WIDTH	*2'8", 3'0"
HEIGHT	6'8", 7'0", 8'0"
GAGE	18

GLASS CUTOUTS ARE NOT ALLOWED.
 *2-3/8" LOCK BACKSET ONLY IN 2'8" WIDTH
 *CONFIRM ROSE SIZE IS COMPATIBLE WITH SEAL SET AND LOCK BACKSET.

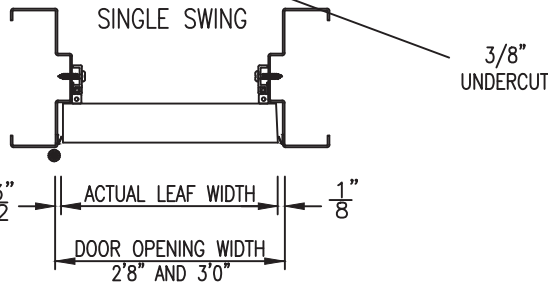
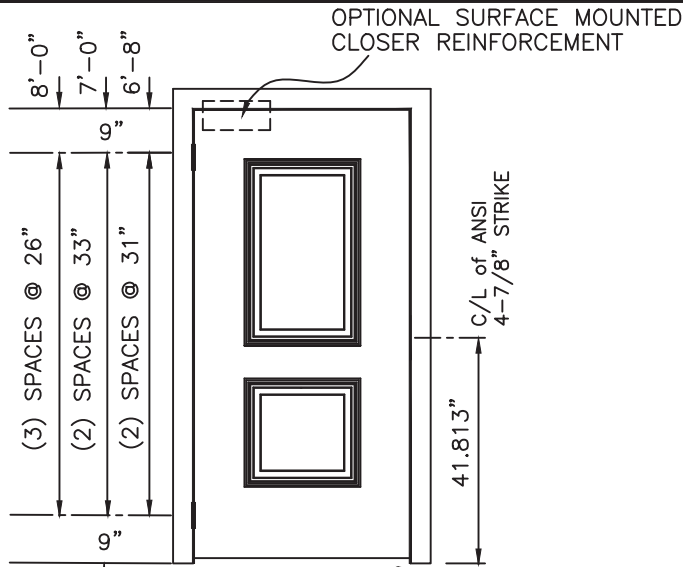
Suggested Uses:

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

D12H-1

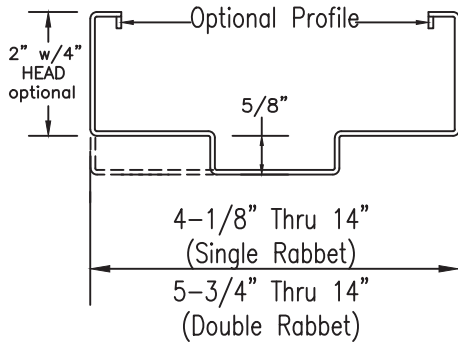
03/18/20

D12H-2

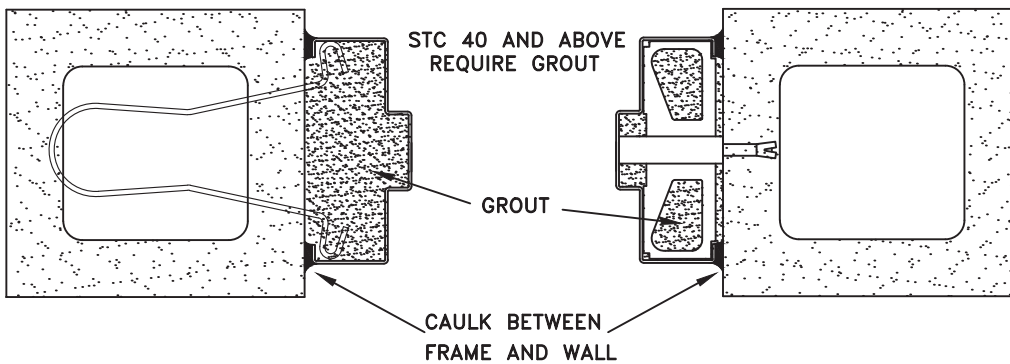


HORIZONTAL SECTION

TYPICAL PROFILE

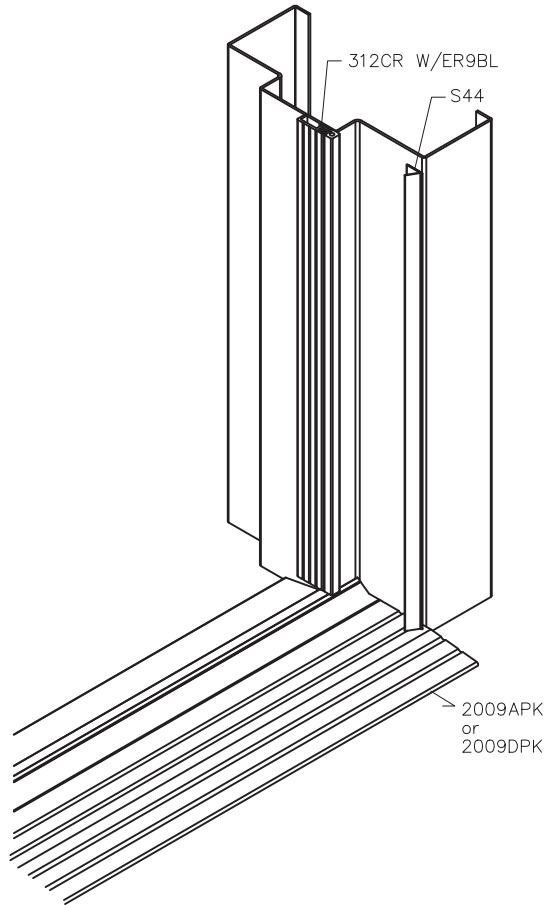


SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



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.

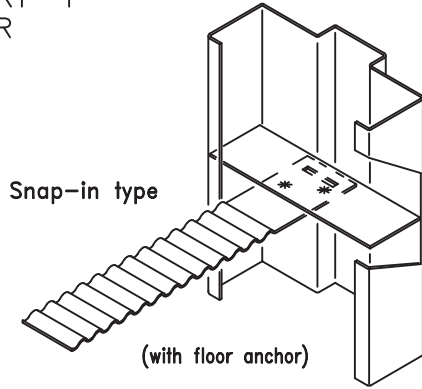
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)



03/18/20

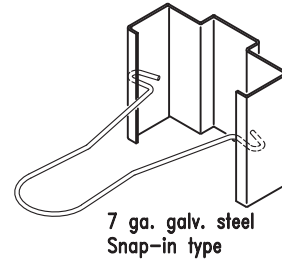
D12H-3

MASONRY "T" ANCHOR



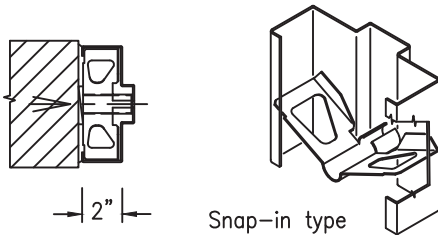
(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

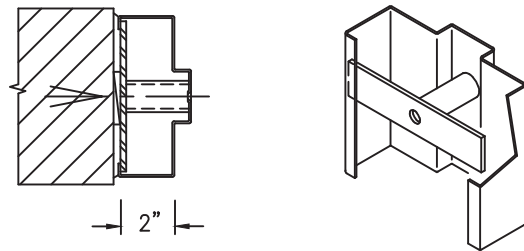


SU PROFILE EO/S6: 4-3/4" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

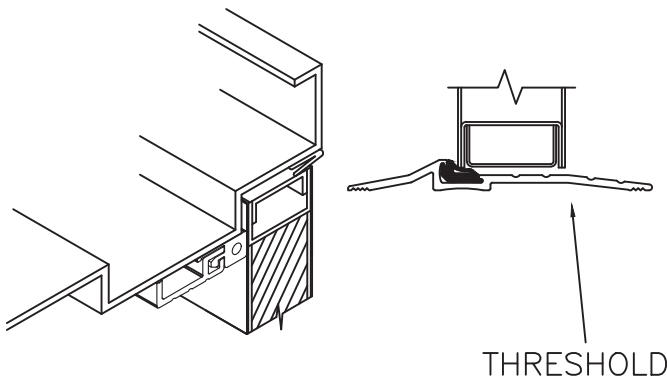
SQ PROFILE EO/S6: 5-1/8" thru 6-3/4" depth
EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS

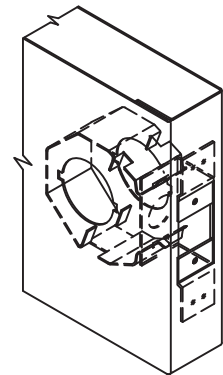


DOOR CONSTRUCTION TOP AND BOTTOM



LOCK PREPARATIONS

CYLINDRICAL ANSI A115.2 BACKSET 2-3/4" (STD)
3-3/4" BACKSET (OPT)
3'0" WIDTH ONLY
2-3/8" BACKSET
2'8" WIDTH ONLY



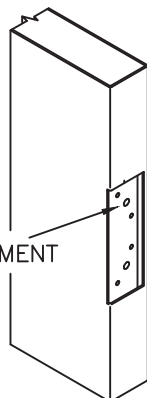
VERIFY ROSE SIZE IS COMPATIBLE WITH SEAL SET AND LOCK BACKSET.

LOCK EDGE IS BEVELED 1/8" in 2"

HINGE PREPARATION

HINGE PREP IS HANDED

7 GAGE REINFORCEMENT



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

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

Ceco Door

ASSA ABLOY

Experience a safer and more open world

03/18/20

D12H-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
SINGLE	
2'-8" 3'-0"	6'-8" 7'-0" 8'-0"

ACOUSTICAL FIRE DOORS

LABELING AGENCIES: * UL * WARNOCK HERSEY
TEST: UL 10B, UL 10C, UL 1784, & NFPA 252 RATING: * 20 MIN. OR 3/4 HRS. UP TO AND INCLUDING 3'0"X7'0" * DESIGNS: EMBOSSED 2 PANEL TYPE

STC
47

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTALLATION
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACOUSTIC DOOR
SYSTEM LABELS

ACTUAL
STC RATING
SHOWN HERE

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 are commercial quality zinc coated A40 galv. 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 and 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 rabbet 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. Frames are cold roll steel standard. Galv. A60 is optional. Mutes are not allowed in these frames. Frames must also be grout filled to achieve the STC47 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). Cam lift or offset pivots are not allowed. The door lock edge has a standard bevel and is prepared for ANSI A115.2 cylindrical lock only. Lock jamb preparation is for 4-7/8" high strike (ANSI A115.1 or 2).

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 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.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Single Doors	47	SEE BELOW	3/8"	3/4 HOUR (3'0"X7'0" MAX.)	Pemko Seals: S44, 312CR & 2009_PK Threshold-Set 2

STC 47 WITH CYLINDRICAL LOCK, NO OPTIONAL HARDWARE PREPARATIONS ALLOWED.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

03/18/20

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



1-3/4" Sound-Tech Xpress

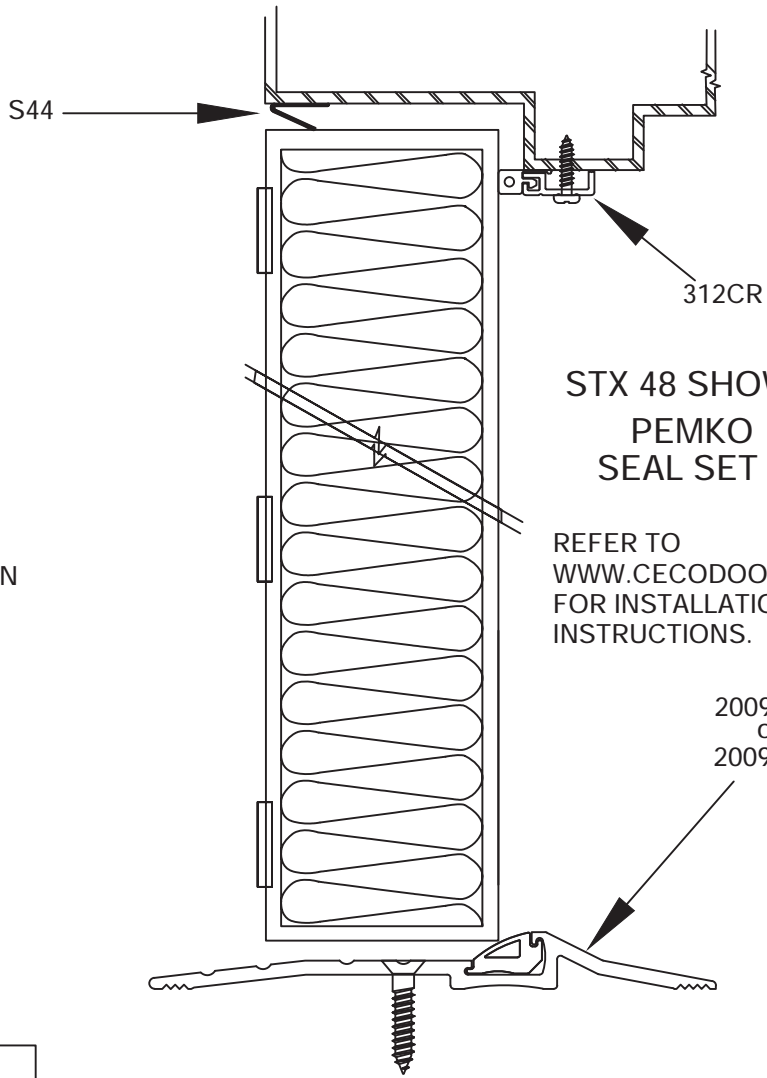
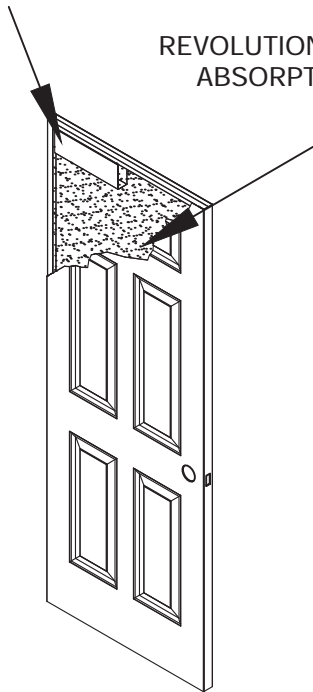
STC 48 (Embossed 6 Panel Single Doors)

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 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

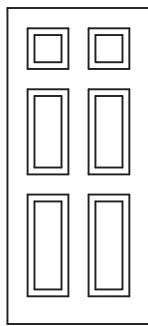
REVOLUTIONARY SOUND ABSORPTION CORE



STX 48 SHOWN
 PEMKO
 SEAL SET 2

REFER TO
 WWW.CECODOOR.COM
 FOR INSTALLATION
 INSTRUCTIONS.

EMBOSSED DOOR DESIGN



E601

6 PANEL	
WIDTH	* 2'8", 3'0"
HEIGHT	6'8", 7'0"
GAGE	18 STD., 16 OPT.

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

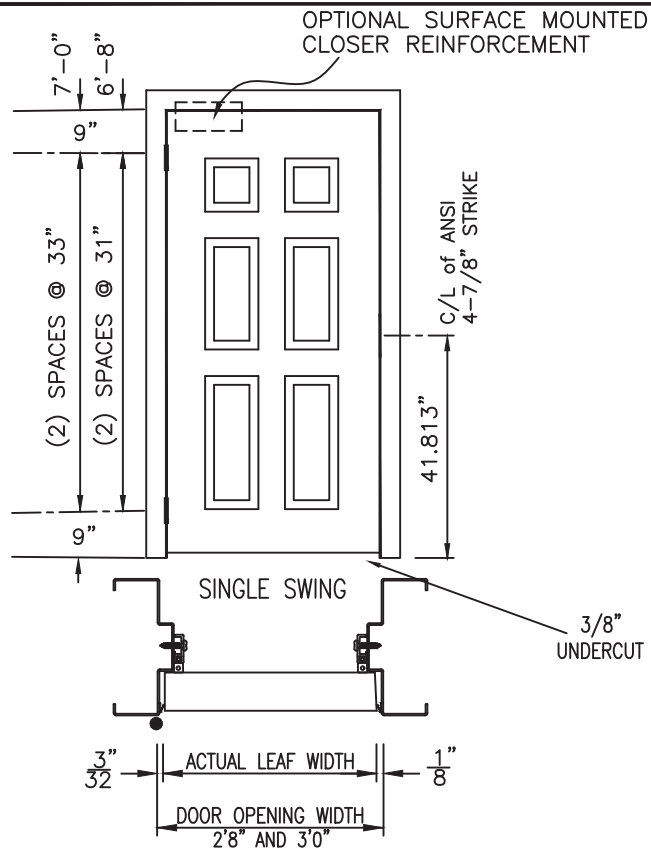
Suggested Uses:

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

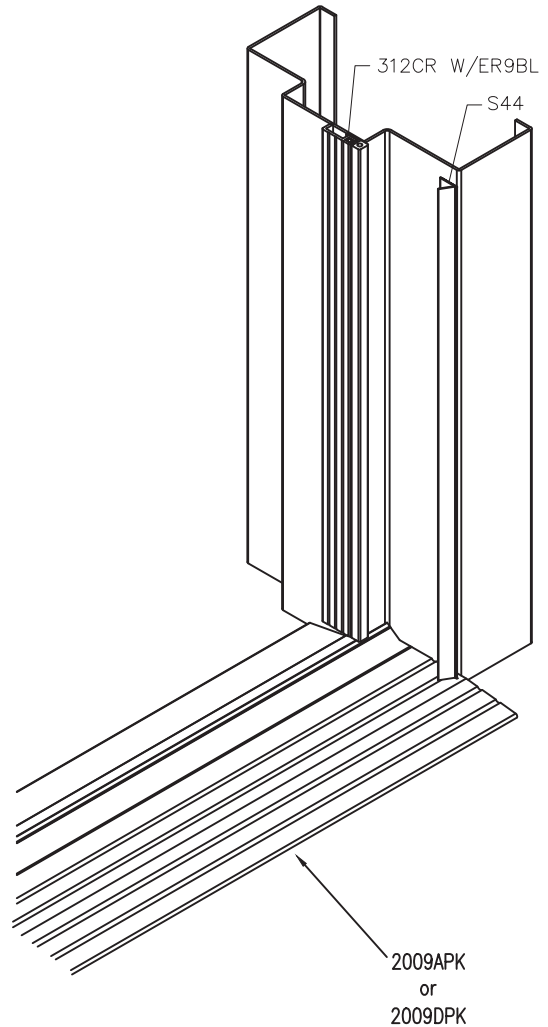
D121-1

03/22/20

D121-2

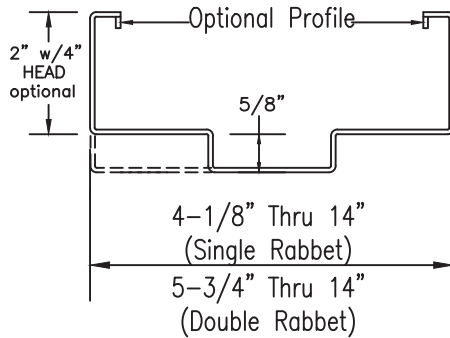


NOTE: 6'8" & 7'0" ARE ONLY HEIGHTS WITH 6 PANEL DESIGN.

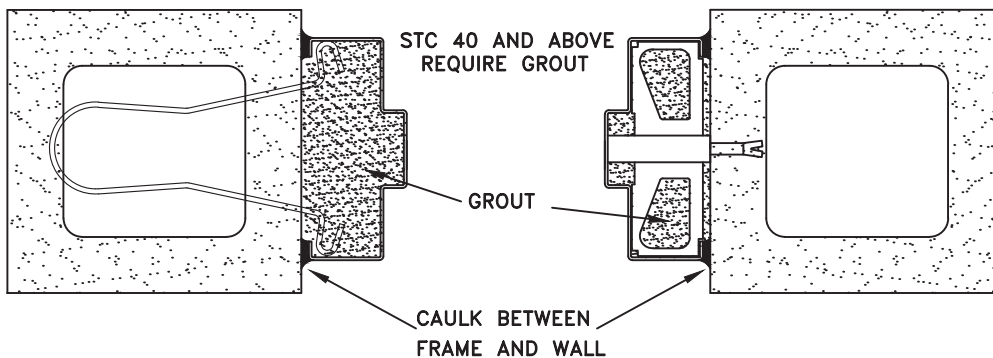


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



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.

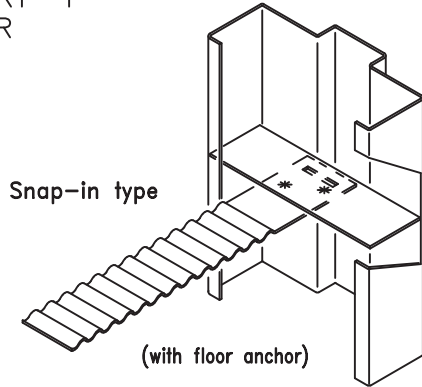
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)



03/22/20

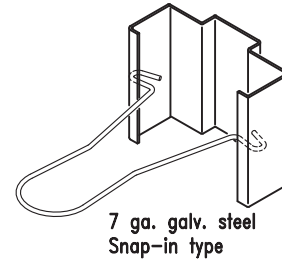
D12L-3

MASONRY "T" ANCHOR



(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

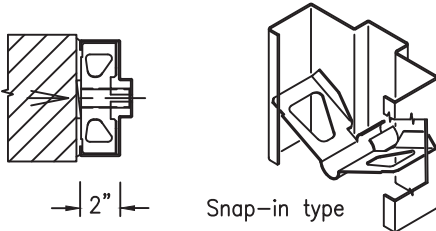
WIRE MASONRY ANCHOR



7 ga. galv. steel
Snap-in type

EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

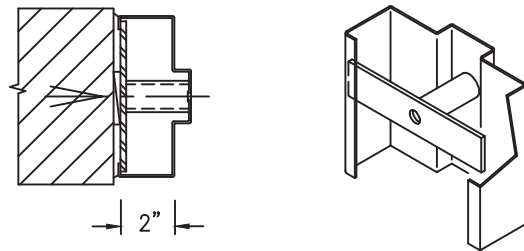


SU EO/S6: 4-3/4" thru 6-3/4" depth
PROFILE EO/S8: 6-7/8" thru 8-3/4" depth

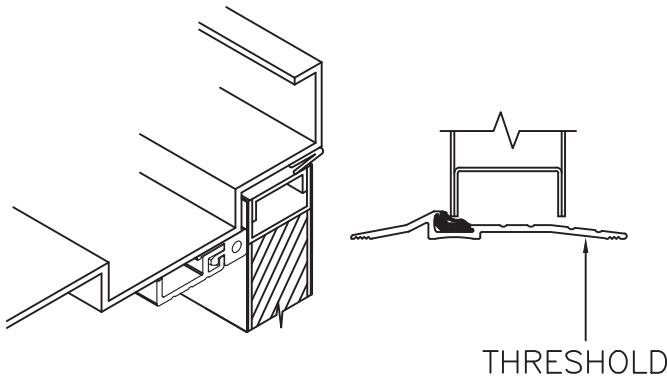
SQ EO/S6: 5-1/8" thru 6-3/4" depth
PROFILE EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS

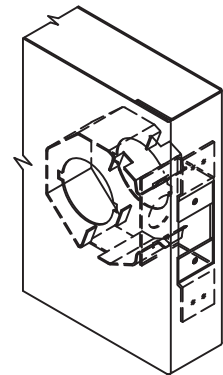


DOOR CONSTRUCTION TOP AND BOTTOM



LOCK PREPARATIONS

CYLINDRICAL ANSI A115.2
BACKSET 2-3/4" (STD)
3-3/4" BACKSET (OPT)
3'0" WIDTH ONLY
2'8" WIDTH
2-3/8" BACKSET ONLY



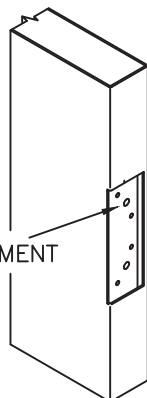
VERIFY ROSE SIZE IS COMPATIBLE WITH SEAL SET AND LOCK BACKSET.

LOCK EDGE IS BEVELED
1/8" in 2"

HINGE PREPARATION

HINGE PREP IS HANDED

7 GAGE REINFORCEMENT



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

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

03/22/20

D121-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH		HEIGHT
SINGLE		
*2'-8"	3'-0"	6'-8" 7'-0"

* 2-3/8" LOCK BACKSET ONLY
NARROW 6 PANEL NOT AVAILABLE

ACOUSTICAL FIRE DOORS

LABELING AGENCIES: * UL * WARNOCK HERSEY
TEST: UL 10B, UL 10C, UL 1784, & NFPA 252 RATING: * 20 MIN. OR 3/4 HRS. UP TO AND INCLUDING 3'0"X7'0" * DESIGNS: EMBOSSED 6 PANEL TYPE

STC
48

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACOUSTIC DOOR
SYSTEM LABELS

ACTUAL
STC RATING
SHOWN HERE

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 are commercial quality zinc coated A40 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 rabbet 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. Frames are cold roll steel standard and galv. A60 is optional. Mutes are not allowed in these frames. Frames must also be grout filled to achieve the STC48 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). Cam lift or offset pivots are not allowed. The door lock edge has a standard bevel and is prepared for ANSI A115.2 cylindrical lock only. Lock jamb preparation is for 4-7/8" high strike (ANSI A115.1 or 2).

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 selection of standard colors (optional). Colorstyle finish is electrostatically applied, oven-cured urethane enamel, and shall conform 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.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Single Doors	48	SEE BELOW	3/8"	3/4 HOUR (3'0"X7'0" MAX.)	Pemko Seals: S44, 312CR & 2009_PK Threshold-Set 2

STC 48 WITH CYLINDRICAL LOCK, NO OPTIONAL HARDWARE PREPARATIONS ALLOWED.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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

 **Ceco Door**

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03/22/20

1-3/4" Sound-Tech Xpress

STC 32-48 (Fire Rated or Non-Fire Rated Single Doors with Glass)

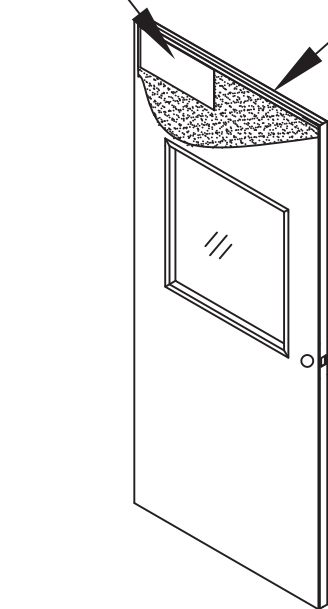
TESTED AND IN COMPLIANCE WITH ASTM E90, ASTM E413, ASTM E1332, & ASTM E2235.
 DOOR SYSTEMS ARE IN COMPLIANCE WITH HMMA 865 & SDI-128 SPECIFICATIONS.
 COMPLETE WITH PERIMETER SOUND SEALS, BOTTOM SEALS AND THRESHOLD AS
 REQUIRED FOR RATING.

D12U-1

OPTIONAL
SURFACE MOUNTED
CLOSER REINFORCEMENT

REVOLUTIONARY SOUND
ABSORPTION CORE

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



S44

ACOUSTICAL STEEL
GLASS KIT WITH
KERALITE® LAMINATED
ACOUSTICAL GLASS IS
FACTORY INSTALLED
IN FIRE RATED
DOORS.

ACOUSTICAL STEEL
GLASS KIT WITH
5/16" TEMPERED
LAMINATED
ACOUSTICAL GLASS IS
FACTORY INSTALLED
IN NON-FIRE RATED
DOORS.

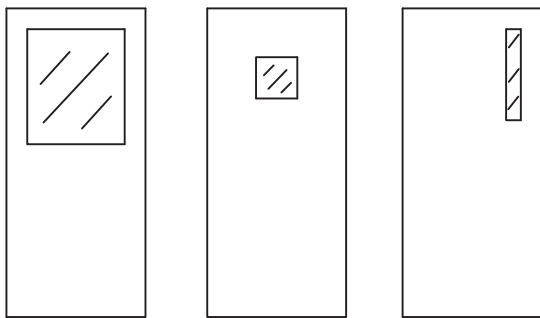
S773

S88

STX 32-48 SHOWN
PEMKO
SEAL SET 6

REFER TO
WWW.CECODOOR.COM
FOR INSTALLATION
INSTRUCTIONS.

DOOR DESIGNS



G

V

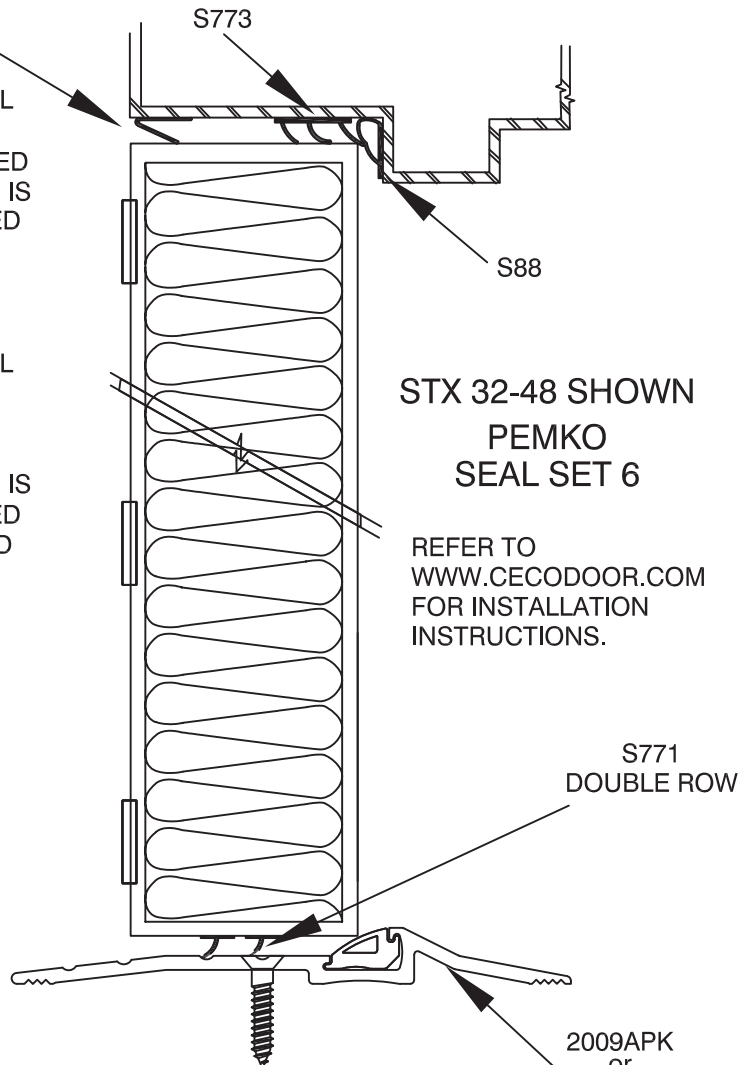
N

(ELEVATIONS)

5/16" TEMPERED LAMINATED NON-FIRE RATED
GLASS REDUCES STC RATING BY 1 POINT.

NOTE:
ONE GLASS LITE PER DOOR ALLOWED.

REFER TO WWW.CECODOOR.COM FOR
INSTALLATION INSTRUCTIONS.



S771
DOUBLE ROW

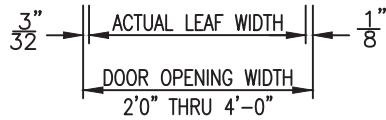
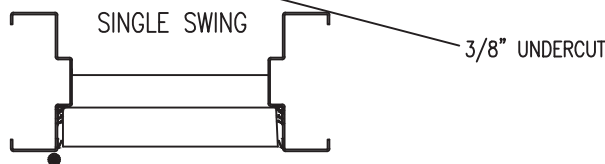
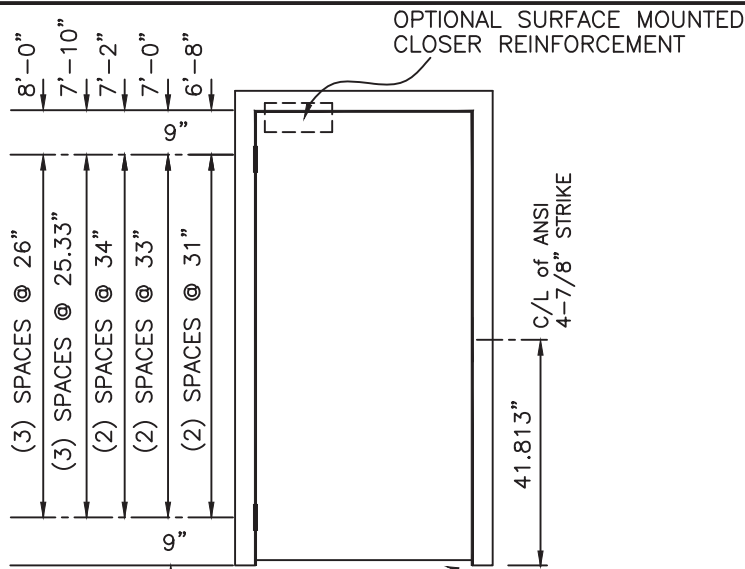
2009APK
OR
2009DPK

Suggested Uses:

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

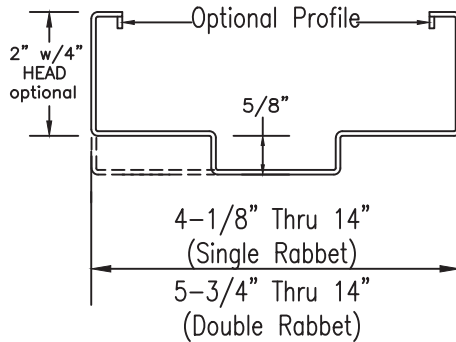
03/20/20

D12J-2

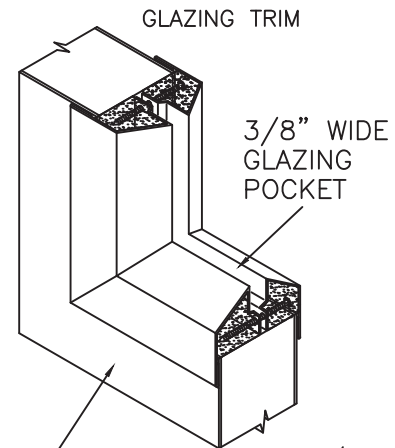
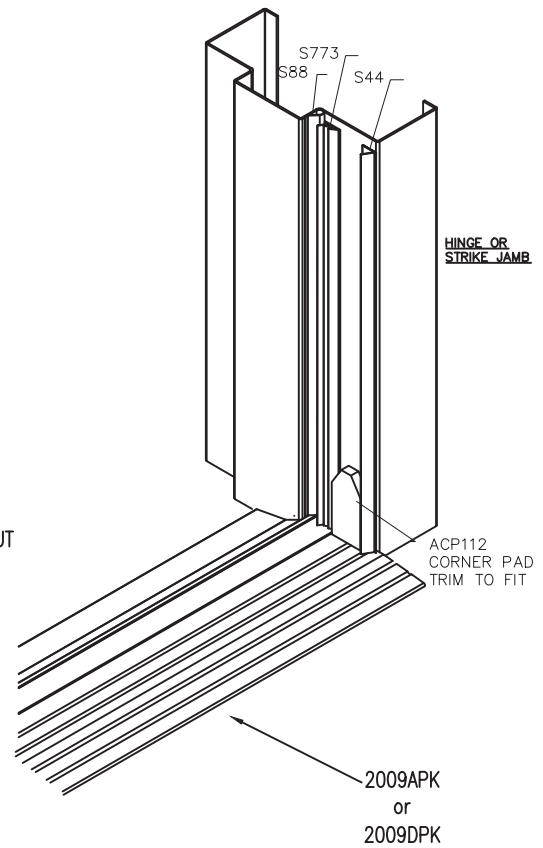
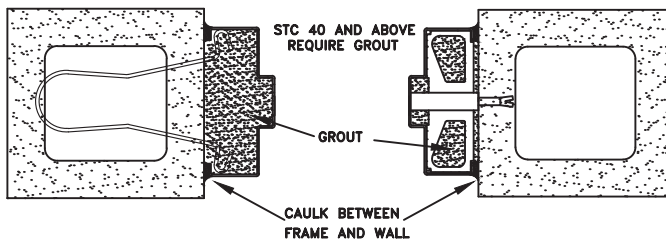


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONARY APPLICATIONS SHOWN BELOW



UL/WH LISTED

ACOUSTICAL STEEL GLASS KIT with ACOUSTICAL LINING

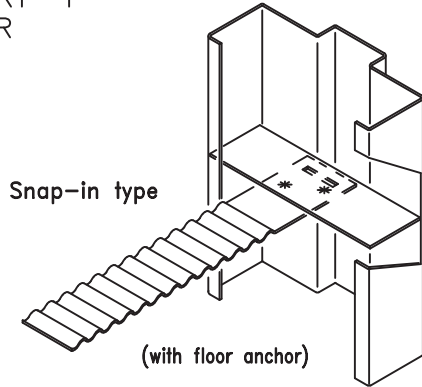
It is important that acoustic door systems be properly installed and sealed into the wall to prevent "flanking noise". Acoustical systems are furnished with specific detailed sound seal installation instructions.

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

03/20/20

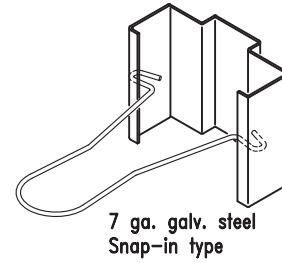
D12L-3

MASONRY "T" ANCHOR



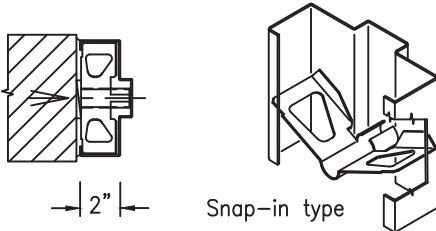
(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

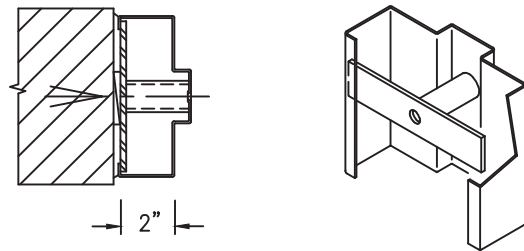


SU EO/S6: 4-3/4" thru 6-3/4" depth
PROFILE EO/S8: 6-7/8" thru 8-3/4" depth

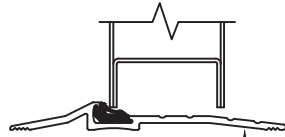
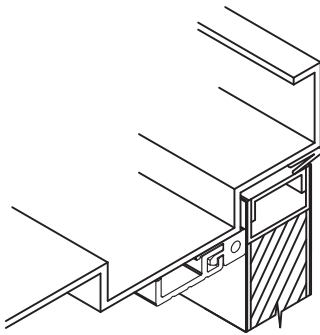
SQ EO/S6: 5-1/8" thru 6-3/4" depth
PROFILE EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS



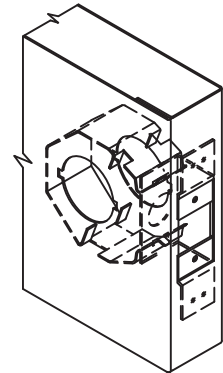
DOOR CONSTRUCTION TOP AND BOTTOM



THRESHOLD

LOCK PREPARATIONS

CYLINDRICAL ANSI A115.2
BACKSET 2-3/4" (STD)
3-3/4" BACKSET (OPT)
3'0" WIDTH ONLY
2'8" WIDTH
2-3/8" BACKSET ONLY



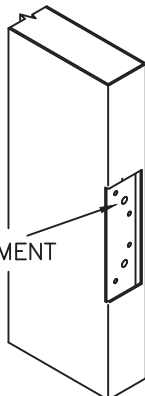
VERIFY ROSE SIZE IS COMPATIBLE WITH SEAL SET AND LOCK BACKSET.

LOCK EDGE IS BEVELED 1/8" in 2"

HINGE PREPARATION

HINGE PREP IS HANDED

7 GAGE REINFORCEMENT



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

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

03/22/20

D12J-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

ACOUSTICAL FIRE DOORS

LABELING AGENCIES:
* UL
* WARNOCK HERSEY
TEST: UL 10B, UL 10C, UL 1784, & NFPA 252
RATING:
* 20 MIN. THRU 3 HRS.
SEE CHART BELOW
DESIGNS: FLUSH TYPE WITH GLASS

STC
48

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTALLATION
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACOUSTIC DOOR
SYSTEM LABELS

ACTUAL
STC RATING
SHOWN HERE

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. KERALITE® LAMINATED glass is factory installed in fire rated doors. 5/16" tempered laminated glass is installed in non-fire rated doors. A physical STC 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 rabbet 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 grout filled to achieve an STC40 and above 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 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. Electrical 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 selection of standard colors (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.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Single Doors	32-48	SEE BELOW	3/8"	SEE BELOW	Pemko Seals: S88, S44, S773, S771, ACP112, 2009_PK Threshold-Set 6

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100² " OF ACOUSTICAL GLASS

STC 32-46 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.
 STC 32-47 WITH CYLINDRICAL OR MORTISE LOCK AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.
 STC 32-48 WITH CYLINDRICAL ONLY AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING .

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 288² " OF ACOUSTICAL GLASS

STC 32-43 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.
 STC 32-44 WITH CYLINDRICAL OR MORTISE LOCK AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.
 STC 32-45 WITH CYLINDRICAL LOCK ONLY MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720² " OF ACOUSTICAL GLASS

STC 32-39 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.
 STC 32-40 WITH CYLINDRICAL OR MORTISE AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.
 STC 32-41 WITH CYLINDRICAL LOCK AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

5/16" TEMPERED LAMINATED NON-FIRE RATED GLASS - REDUCE ALL ABOVE STC RATINGS BY 1 POINT.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.



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

03/20/20

1-3/4" Sound-Tech Xpress

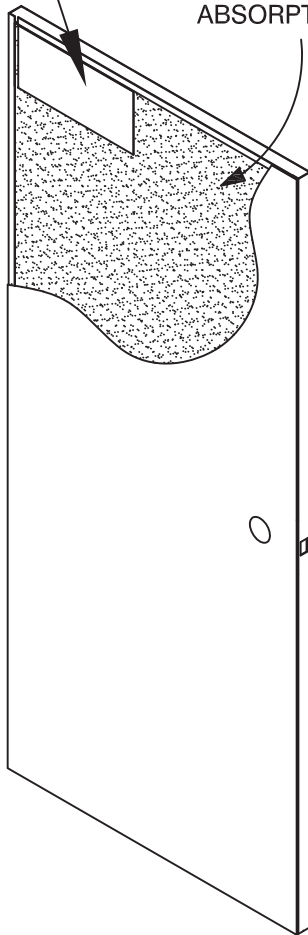
STC32 thru STC41 (Fire Rated or Non-Fire Rated Flush Pairs)

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, DOOR BOTTOM AND THRESHOLD AS
REQUIRED FOR RATING.

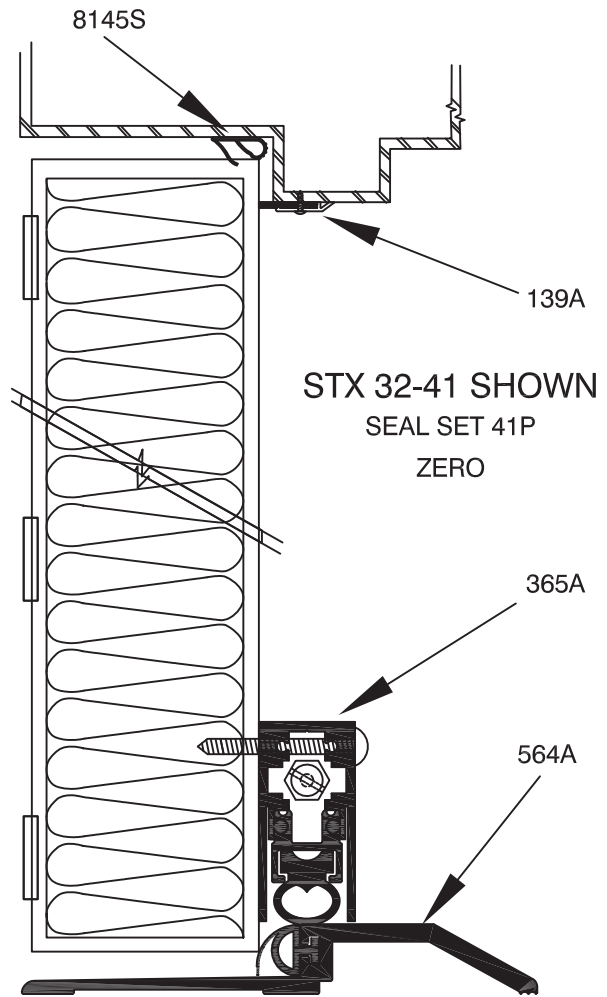
*The Required Core Will Be Provided
To Achieve The Rating Needed.
Appropriate Accoustical Seal Sets
Are Provided With Each STC Rated
Assembly.*

OPTIONAL
SURFACE MOUNTED
CLOSER REINFORCEMENT

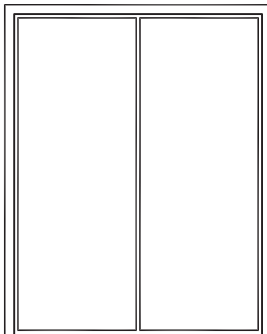
REVOLUTIONARY SOUND
ABSORPTION CORE



REFER TO
WWW.CECODOOR.COM
FOR INSTALLATION
INSTRUCTIONS.



DOOR DESIGN



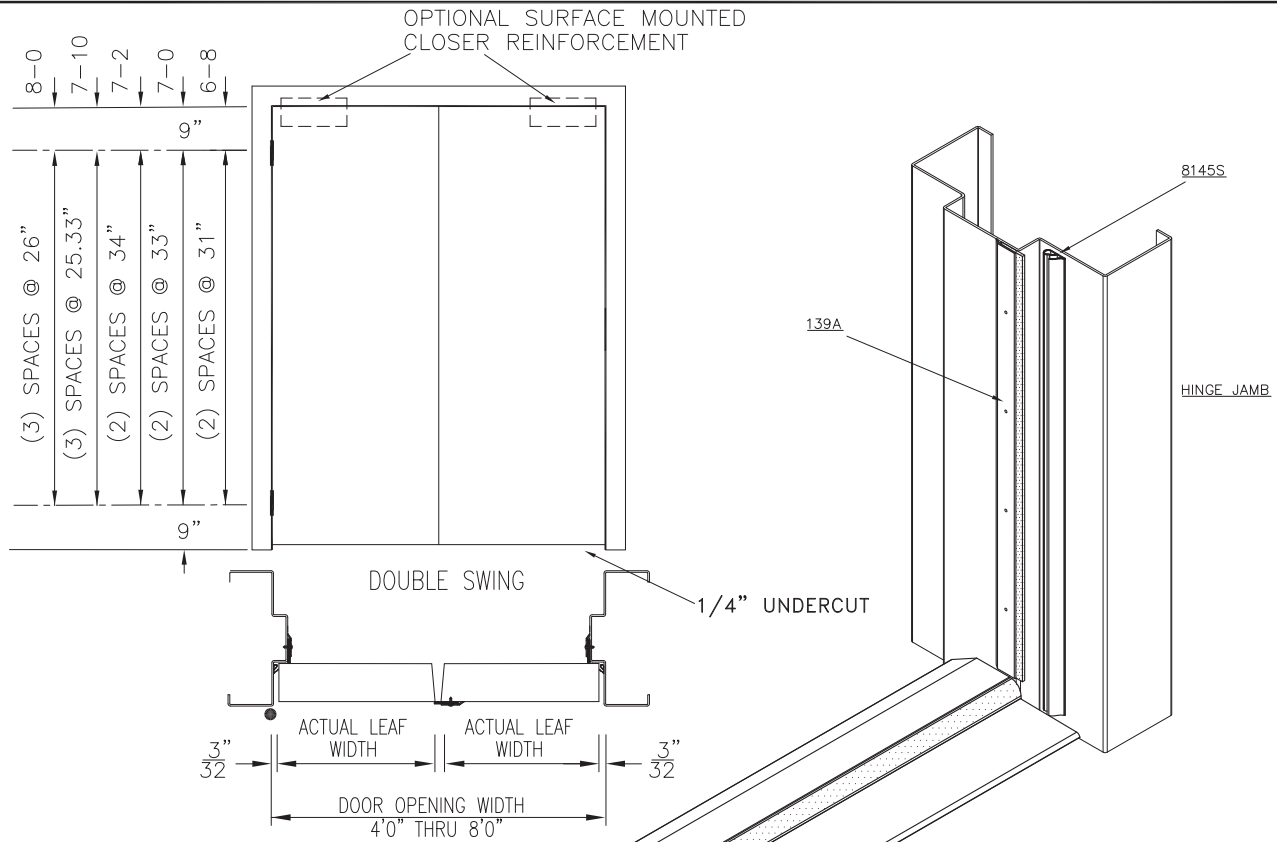
DOUBLE SWING DOORS
F
(ELEVATION)

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

D12K-1

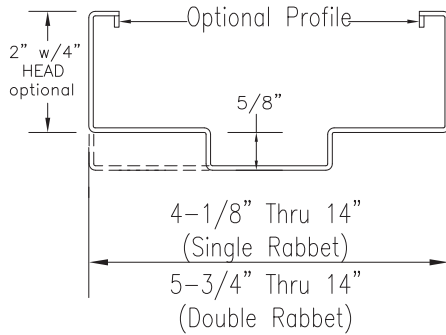
12/04/14

D12K-2

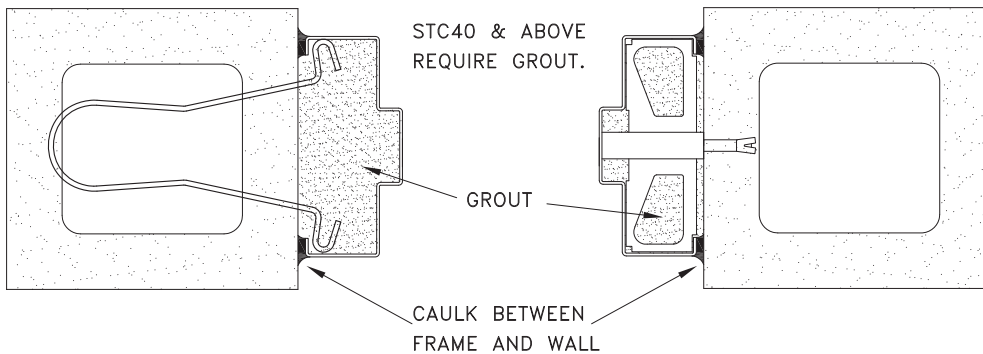


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



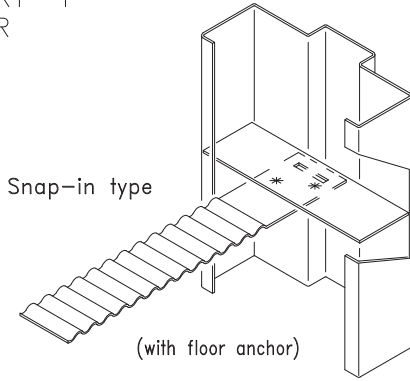
It is important that acoustic door systems be properly installed and sealed into the wall to prevent "flanking noise". Acoustical systems are furnished with detailed installation instructions.

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

10/18/16

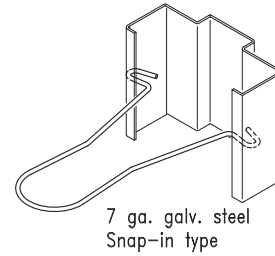
D12K-3

MASONRY "T" ANCHOR

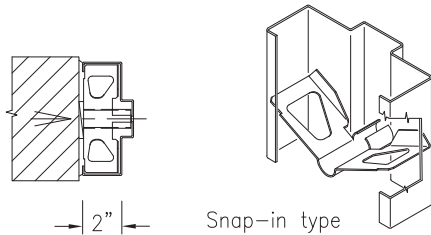


(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR



EXISTING OPENING ANCHOR EO

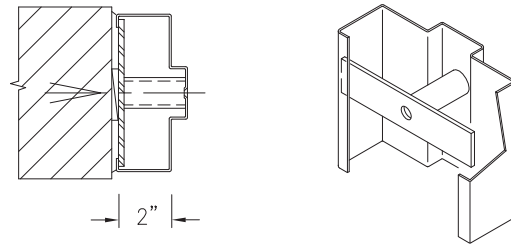


ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

SU EO/S6: 4-3/4" thru 6-3/4" depth
PROFILE EO/S8: 6-7/8" thru 8-3/4" depth

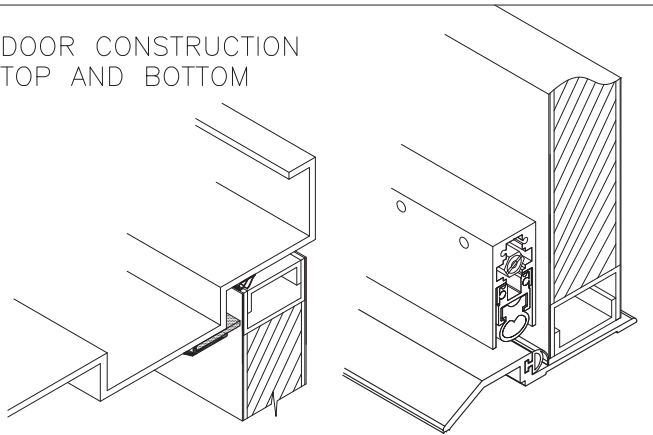
SQ EO/S6: 5-1/8" thru 6-3/4" depth
PROFILE EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S



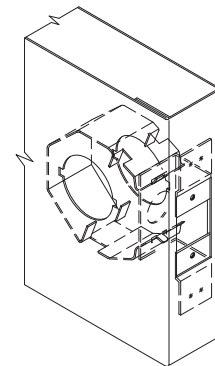
ANCHOR FITS VARIOUS DEPTHS

DOOR CONSTRUCTION TOP AND BOTTOM



LOCK PREPARATIONS

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

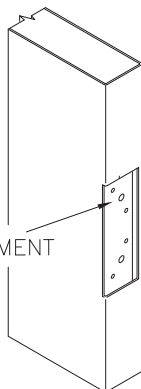


LOCK EDGE IS BEVELED
1/8" in 2"

HINGE PREPARATION

HINGE PREP IS HANDED

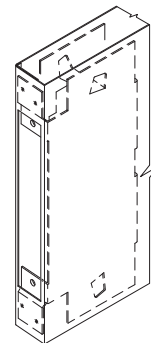
7 GAGE REINFORCEMENT



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

LOCK PREPARATIONS

MORTISE ANSI A115.1



10/21/16

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

D12K-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
PAIR	
4'-0"	6'-8"
5'-0"	7'-0"
5'-4"	7'-2"
6'-0"	7'-10"
7'-0"	8'-0"
8'-0"	

ACOUSTICAL FIRE DOORS

LABELING AGENCIES: <ul style="list-style-type: none"> • UL • WARNOCK HERSEY
TEST: UL 10B, UL 10C, UL 1784, & NFPA 252
RATING: <ul style="list-style-type: none"> • 20 MIN. THRU 3 HRS. (STX 32-41) FLUSH PAIRS 8'0" x 8'0" MAX. • DESIGNS: FLUSH ONLY

**STC
41**

ASTM
E90

ASTM
E413

INSTALL PER
MANUFACTURER'S
INSTALLATION
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACOUSTIC DOOR
SYSTEM LABELS

ACTUAL
STC RATING
SHOWN HERE

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 A60 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 STC door label is applied to certify the product and identify the specific rating. The STC label will be applied to the door only and there will not be a label applied to the frames.

Frames are single or double rabbet 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. The frames must also be grout filled to achieve an STC rating of 40 and above.

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 x surface or flush bolt, ANSI A115.1 mortise lock x surface or flushbolt. Electrical power transfer, mag switch and deadbolts 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 selection of standard colors (optional). Colorstyle finish is electrostatically applied, oven-cured urethane enamel, and shall conform to ANSI A250.3. For accurate color selectors ask for a Ceco Colorstyle chart.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Max. Temp. Rise Rating	Seal Set Description
PAIRS	See Below	See Below	1/4"	3 Hr.	N/A	Zero Seals: 139A, 8145S, 365A, 564A Threshold-Set 41P

OPTIONAL HARDWARE PREPARATIONS ARE NOT ALLOWED.

STC 32-41 CYLINDRICAL LOCK x SURFACE BOLT OR FLUSHBOLT.

STC 32-41 MORTISE LOCK x SURFACE BOLT OR FLUSHBOLT.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

11/08/16

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

ASSA ABLOY

1-3/4" Sound-Tech Xpress

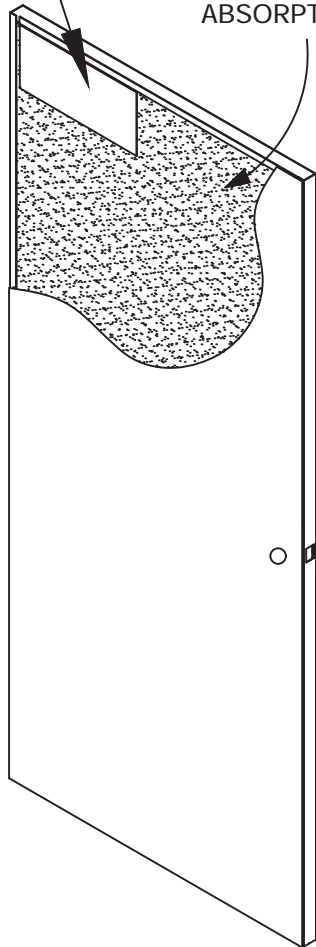
STC32 thru STC47 (Fire Rated or Non-Fire Rated Flush Pairs)

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

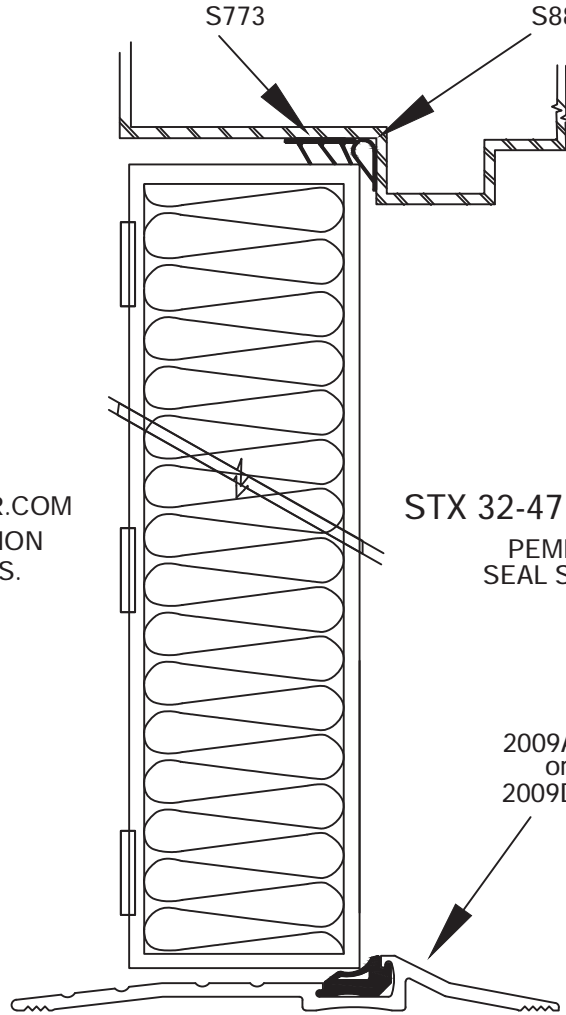
REVOLUTIONARY SOUND
 ABSORPTION CORE



REFER TO
WWW.CECODOOR.COM
 FOR INSTALLATION
 INSTRUCTIONS.

S773

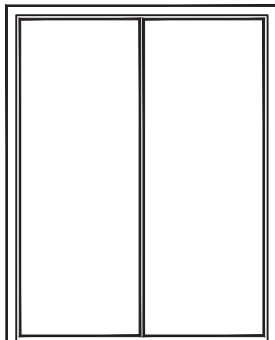
S88



STX 32-47 SHOWN
 PEMKO
 SEAL SET 3

2009APK
 or
 2009DPK

DOOR DESIGN



DOUBLE SWING DOORS
 F
 (ELEVATION)

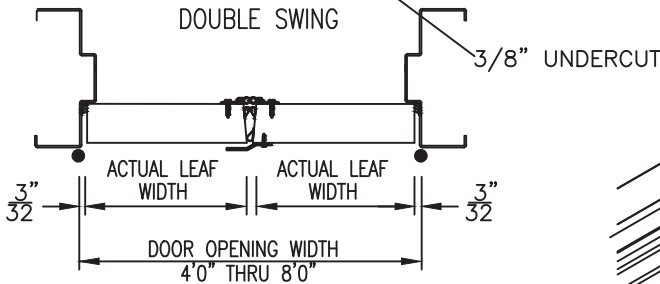
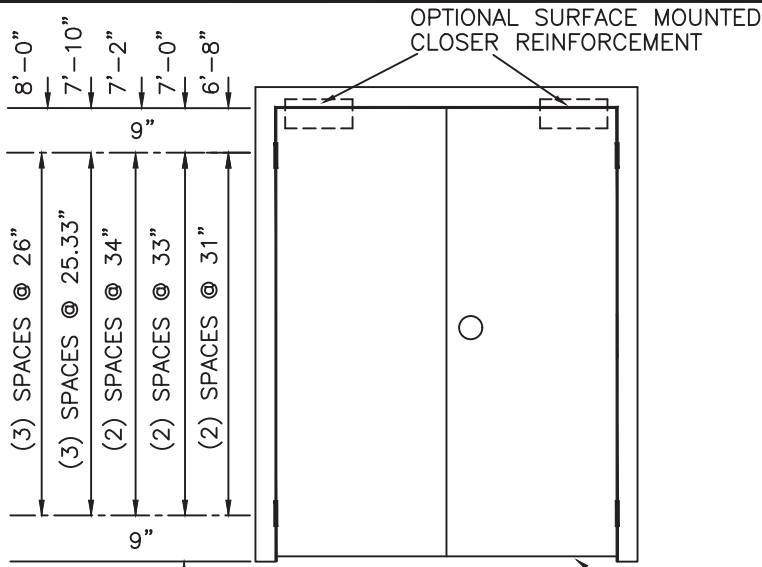
Suggested Uses:

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

D12L-1

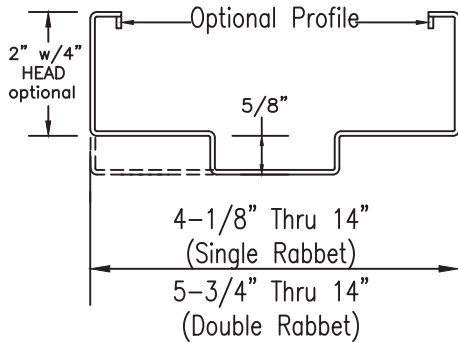
03/18/20

D12L-2

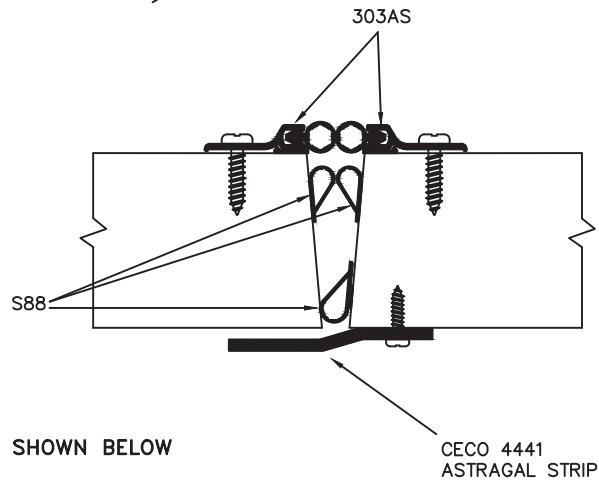
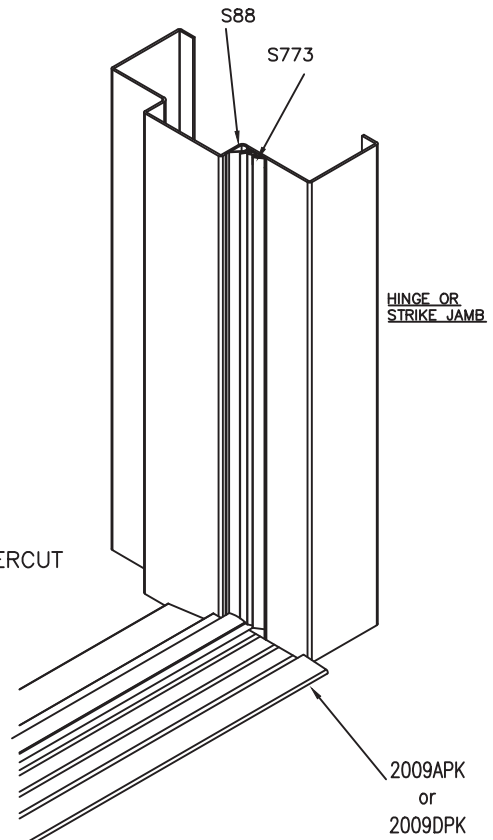
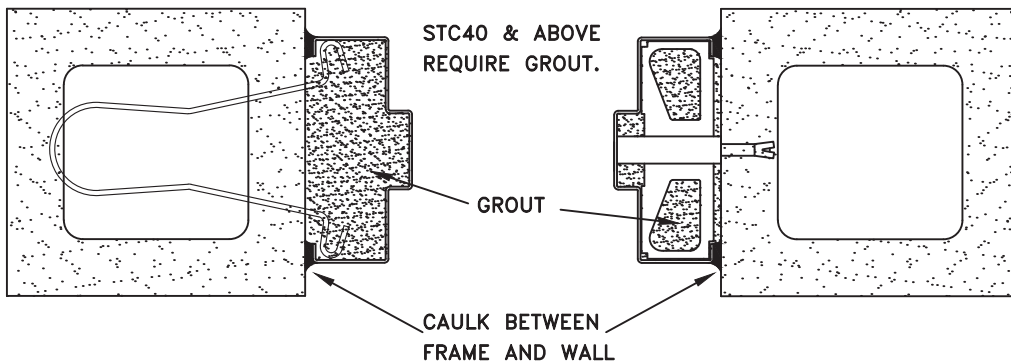


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



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.

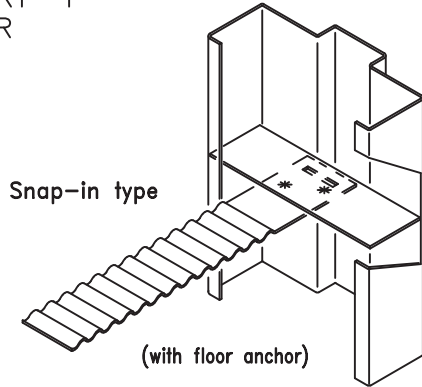
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

03/18/20



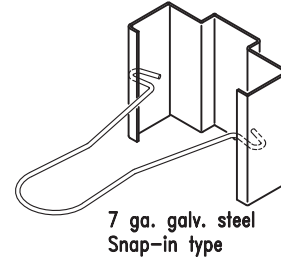
D12L-3

MASONRY "T" ANCHOR



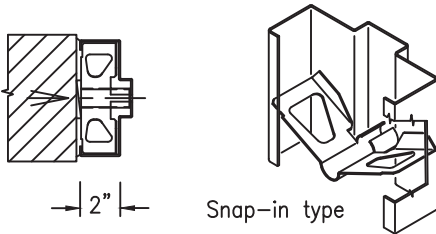
(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

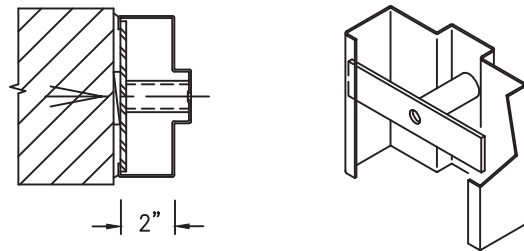


SU EO/S6: 4-3/4" thru 6-3/4" depth
PROFILE EO/S8: 6-7/8" thru 8-3/4" depth

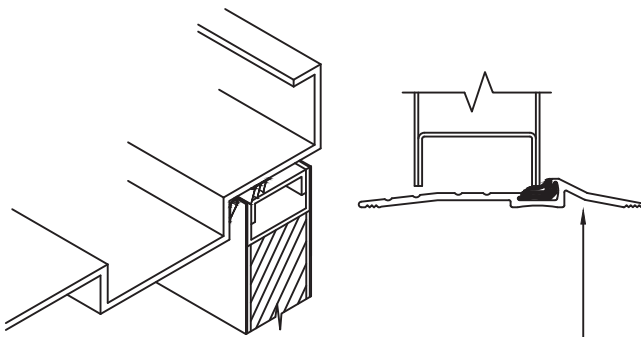
SQ EO/S6: 5-1/8" thru 6-3/4" depth
PROFILE EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS



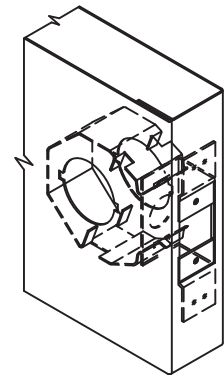
DOOR CONSTRUCTION TOP AND BOTTOM



THRESHOLD

LOCK PREPARATIONS

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

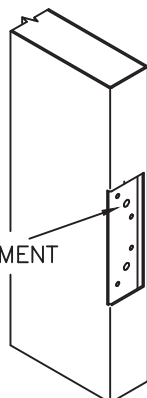


LOCK EDGE IS BEVELED 1/8" in 2"

HINGE PREPARATION

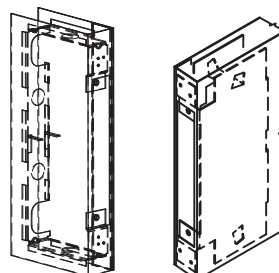
HINGE PREP IS HANDED

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.

03/18/20

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

Ceco Door

ASSA ABLOY

D12L-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH		HEIGHT
DOUBLE		
4'-0"		6'-8"
5'-0"		7'-0"
5'-4"		7'-2"
6'-0"		7'-10"
7'-0"		8'-0"
8'-0"		

ACOUSTICAL FIRE DOORS

LABELING AGENCIES:
* UL
* WARNOCK HERSEY
TEST: UL 10B, UL 10C, UL 1784, & NFPA 252
RATING:
* 20 MIN. THRU 3 HRS.
(STX 32-47) FLUSH PAIRS
8'0" x 8'0" MAX.
* DESIGNS: FLUSH ONLY

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 rabbet 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. Assemblies STC rated 40 and above must also be grout 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 x surface or flush bolts, ANSI A115.1 mortise lock x surface or flush bolts or ANSI A156.3 mortise exit device x surface vertical rod or surface or flush bolts. 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 conform 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.

STC
47

ACOUSTIC DOOR
SYSTEM LABELS

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACTUAL
STC RATING
SHOWN HERE

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Pairs	32-47	*Cyl or Mortise	3/8"	3 Hr.	Pemko seals: S88, S773, 303AS & 2009_PK Threshold-Set 3
Pairs	32-47	**Mortise Panic	3/8"	3 Hr.	Pemko seals: S88, S773, 303AS & 2009_PK Threshold-Set 3

*Cylindrical or Mortise lock requires surface or flushbolts with astragal strip.

**Mortise Panic requires Surface Vertical Rod or surface or flushbolts with astragal strip.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



03/18/20

ASSA ABLOY

1-3/4" Sound-Tech Xpress

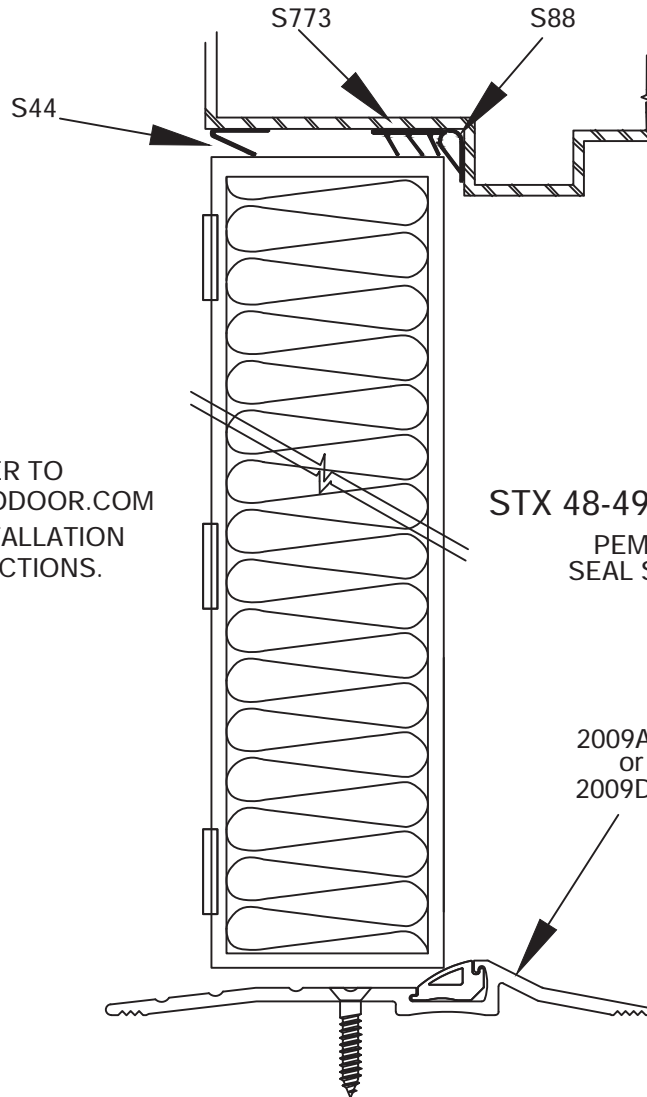
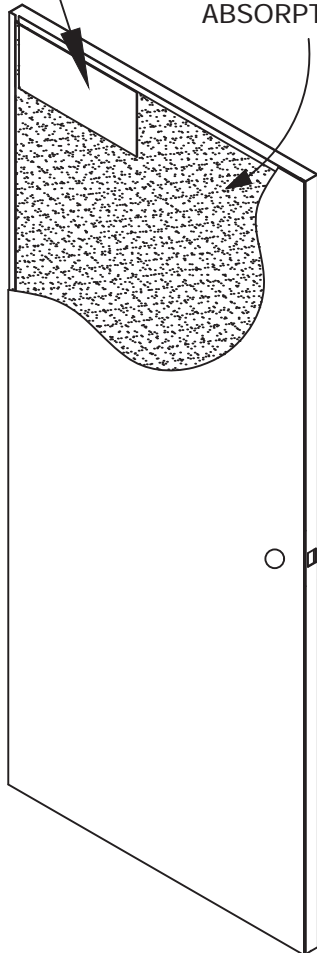
STC48 thru STC49 (Fire Rated or Non-Fire Rated, Flush Pairs)

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

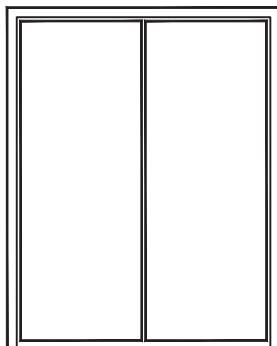


REFER TO
WWW.CECODOOR.COM
 FOR INSTALLATION
 INSTRUCTIONS.

STX 48-49 SHOWN
 PEMKO
 SEAL SET 4

2009APK
 or
 2009DPK

DOOR DESIGN



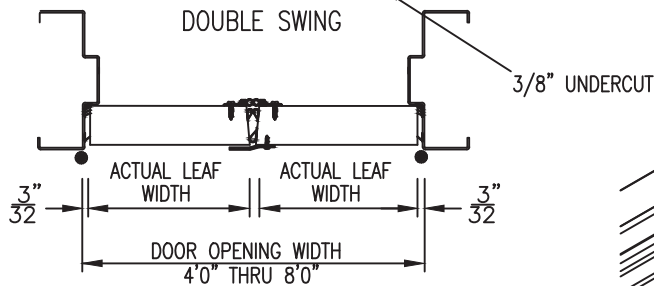
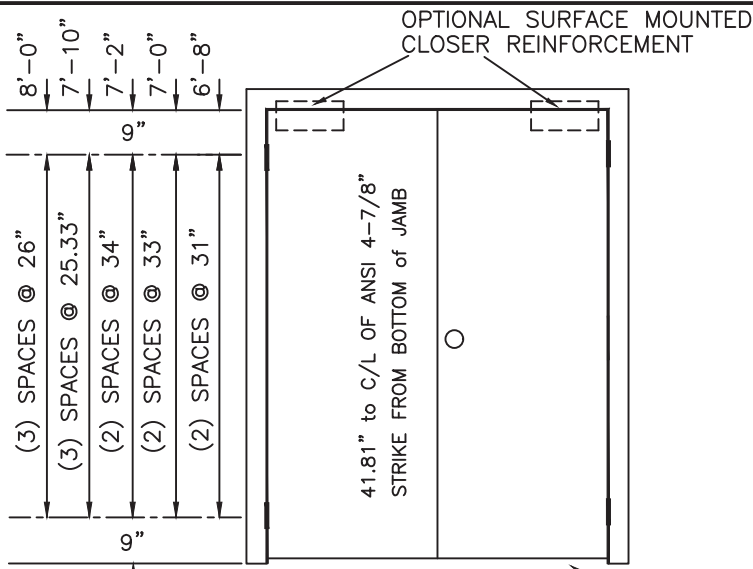
DOUBLE SWING DOORS
 F
 (ELEVATION)

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

D12M-1

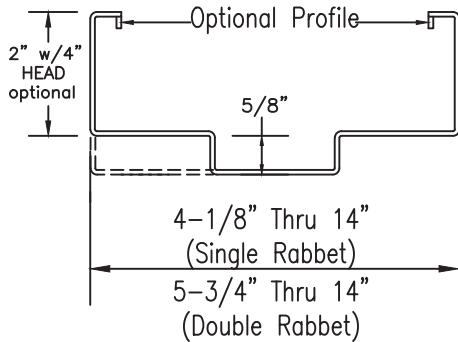
03/22/20

D12M-2

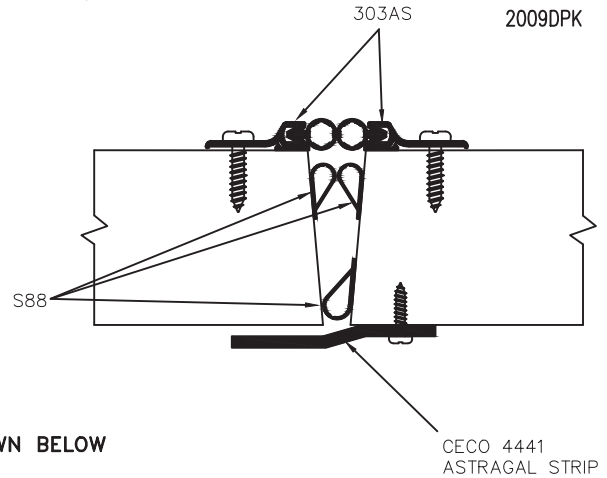
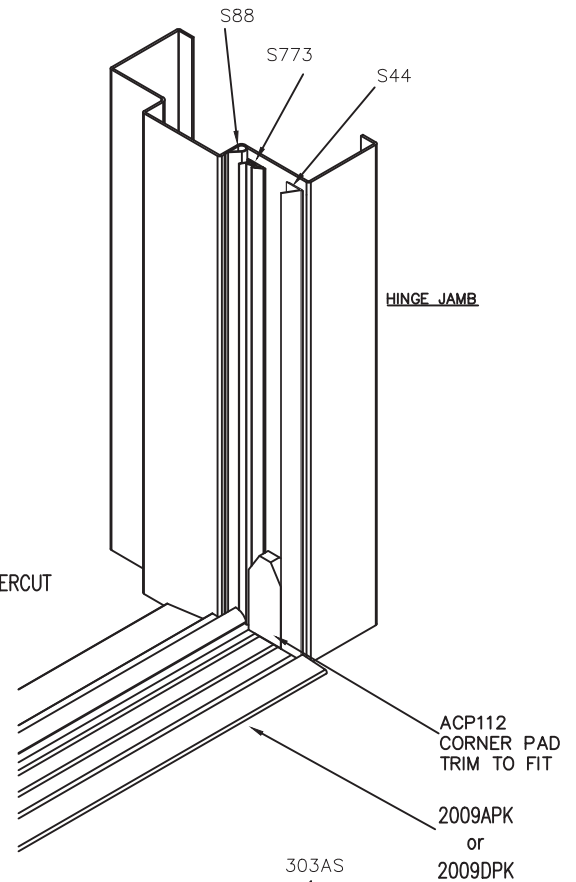
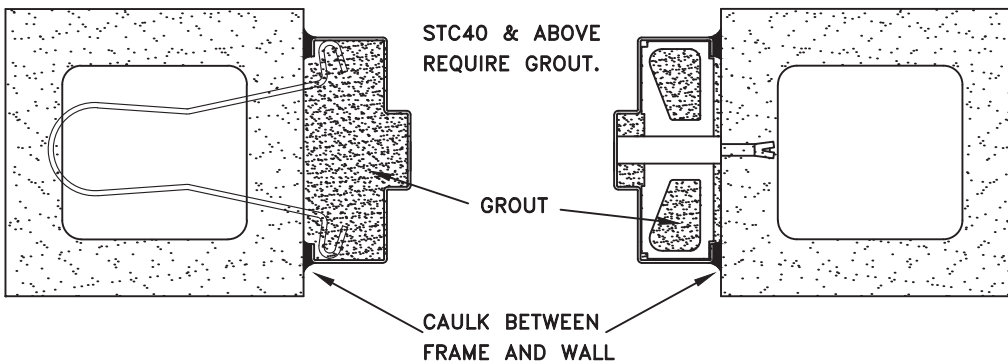


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONARY APPLICATIONS SHOWN BELOW



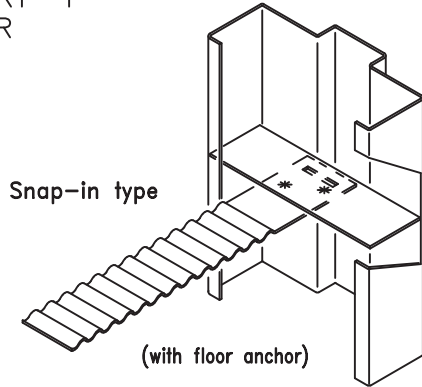
It is important that acoustic door systems be properly installed and sealed into the wall to prevent "flanking noise". Acoustical systems are furnished with detailed installation instructions.

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

03/22/20

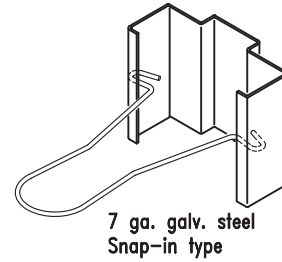
D12M-3

MASONRY "T" ANCHOR



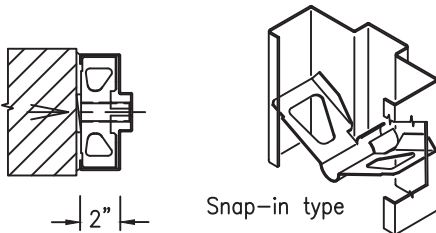
(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

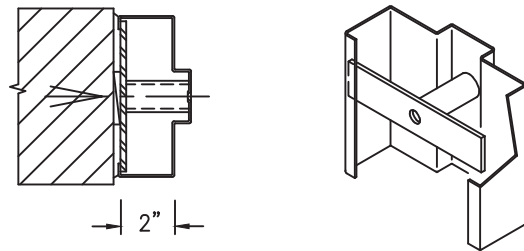


SU EO/S6: 4-3/4" thru 6-3/4" depth
PROFILE EO/S8: 6-7/8" thru 8-3/4" depth

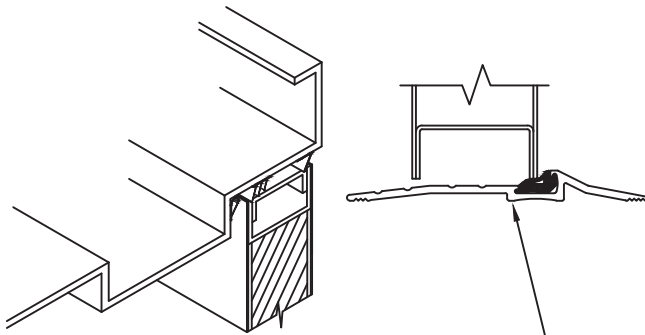
SQ EO/S6: 5-1/8" thru 6-3/4" depth
PROFILE EO/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS



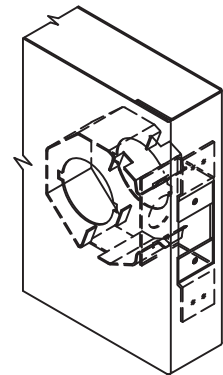
DOOR CONSTRUCTION TOP AND BOTTOM



THRESHOLD

LOCK PREPARATIONS

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

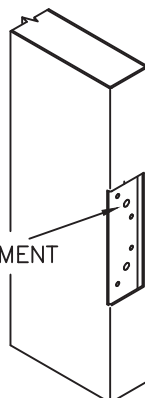


LOCK EDGE IS BEVELED 1/8" in 2"

HINGE PREPARATION

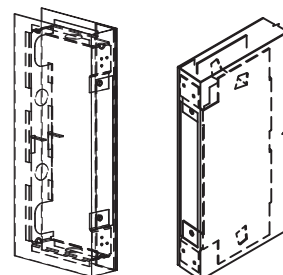
HINGE PREP IS HANDED

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.

03/22/20

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

 **Ceco Door**

ASSA ABLOY

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D12M-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
DOUBLE	
4'-0"	6'-8"
5'-0"	7'-0"
5'-4"	7'-2"
6'-0"	7'-10"
7'-0"	8'-0"
8'-0"	

ACOUSTICAL FIRE DOORS

LABELING AGENCIES
<ul style="list-style-type: none"> * UL * WH
TEST: UL 10B, UL 10C, UL 1784 & NFPA 252 FIRE RATING: <ul style="list-style-type: none"> * 20 MIN. THRU 3 HRS. (STX 48-49) FLUSH PAIRS 8'0" x 8'0" MAX. * DESIGNS: FLUSH ONLY * SEAL SET 4

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 rabbet 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. Assemblies STC rated 40 and above must also be grout 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 x surface or flush bolts with astragal or ANSI 115.1 mortise lock x surface or flush bolts with astragal. 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.

STC
49

ACOUSTIC DOOR
SYSTEM LABELS

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTALLATION
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACTUAL
STC RATING
SHOWN HERE

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Pairs	48	*Cyl or Mortise	3/8"	3 Hr.	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 4
Pairs	49	*Cyl.	3/8"	3 Hr.	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 4

*CYLINDRICAL / REQUIRES SURFACE OR FLUSHBOLTS WITH ASTRAGAL.
 *MORTISE / REQUIRES SURFACE OR FLUSHBOLTS WITH ASTRAGAL.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



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03/22/20

1-3/4" Sound-Tech Xpress

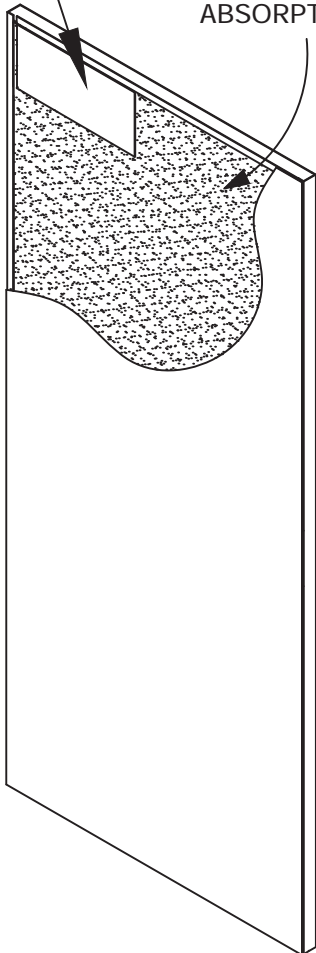
STC32 thru STC47 (Non-Fire Rated Flush Pairs)

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.

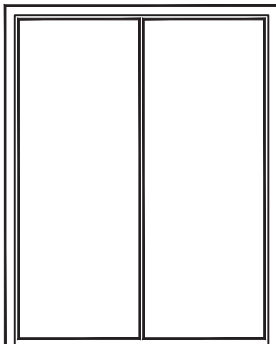
OPTIONAL
 SURFACE MOUNTED
 CLOSER REINFORCEMENT

REVOLUTIONARY SOUND
 ABSORPTION CORE

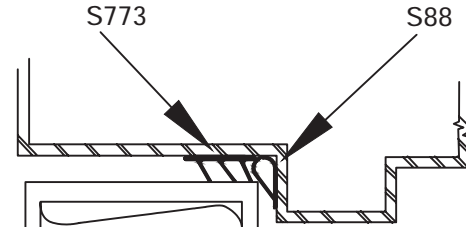


REFER TO
WWW.CECODOOR.COM
 FOR INSTALLATION
 INSTRUCTIONS.

DOOR DESIGN

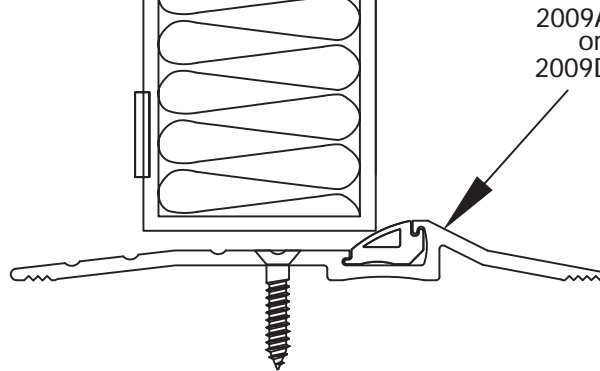


DOUBLE SWING DOORS
 F
 (ELEVATION)



STX 32-47 SHOWN
 PEMKO
 SEAL SET 5

2009APK
 or
 2009DPK



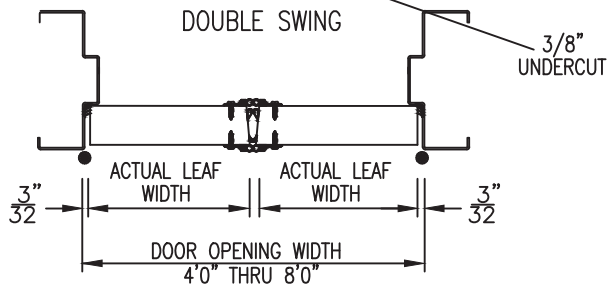
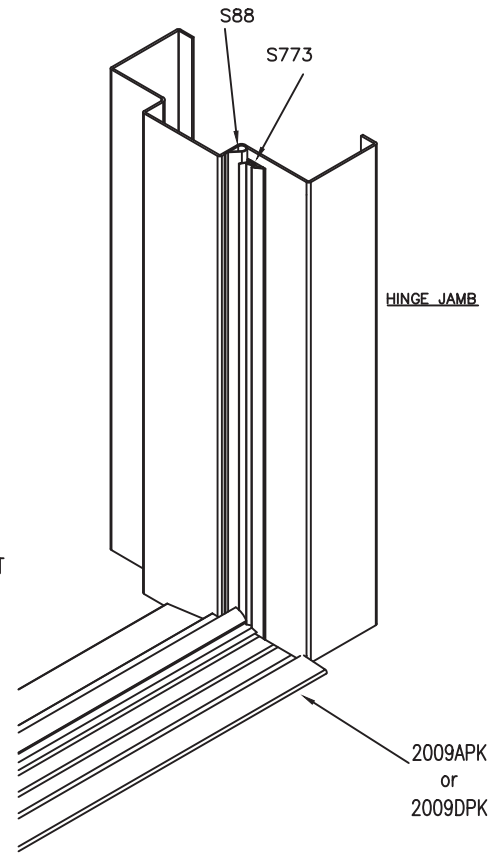
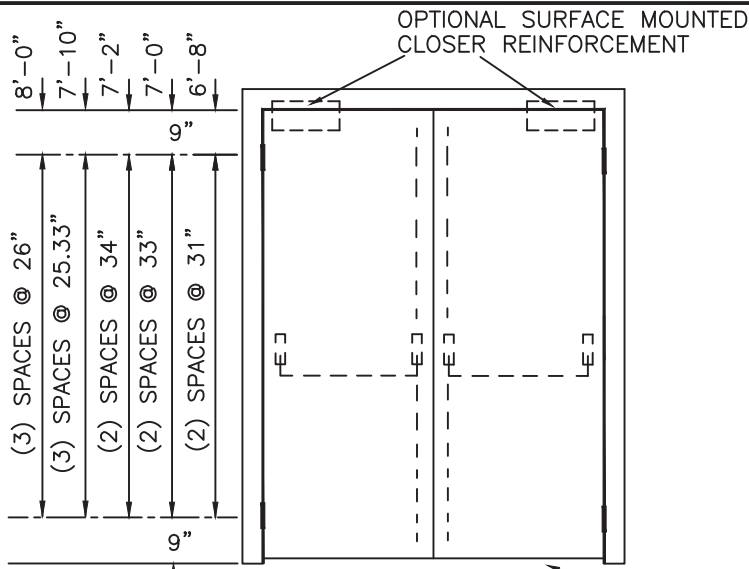
Suggested Uses:

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

D12N-1

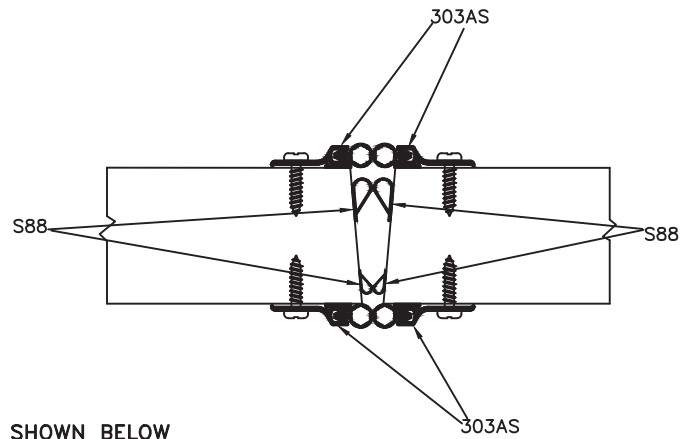
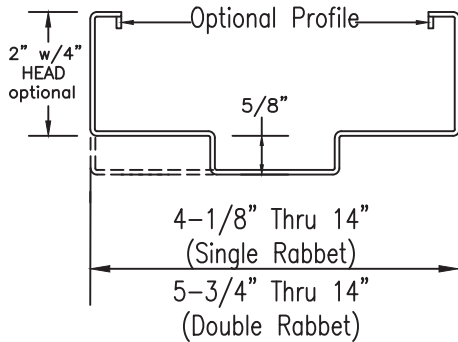
03/22/20

D12N-2

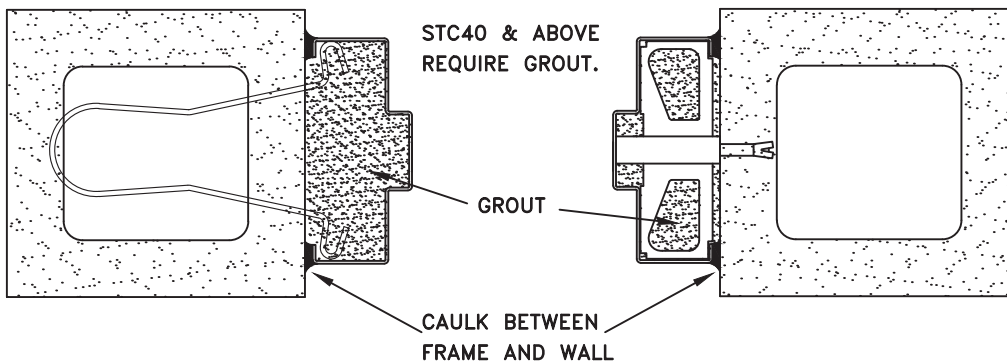


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



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.

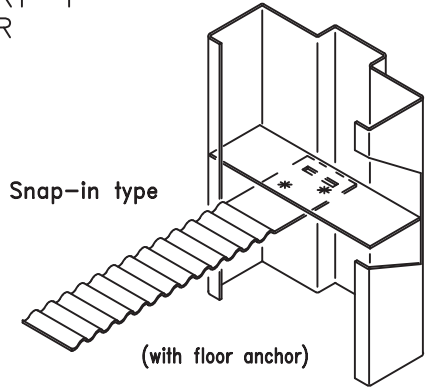
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

03/22/20



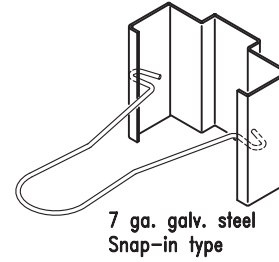
D12N-3

MASONRY "T" ANCHOR



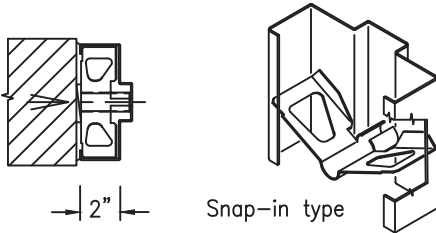
(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

WIRE MASONRY ANCHOR



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

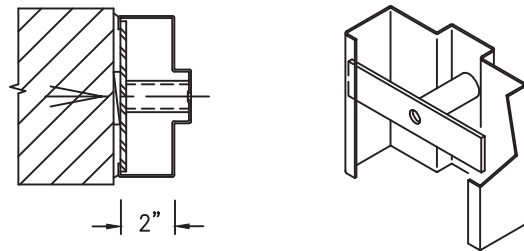


SU E0/S6: 4-3/4" thru 6-3/4" depth
 PROFILE E0/S8: 6-7/8" thru 8-3/4" depth

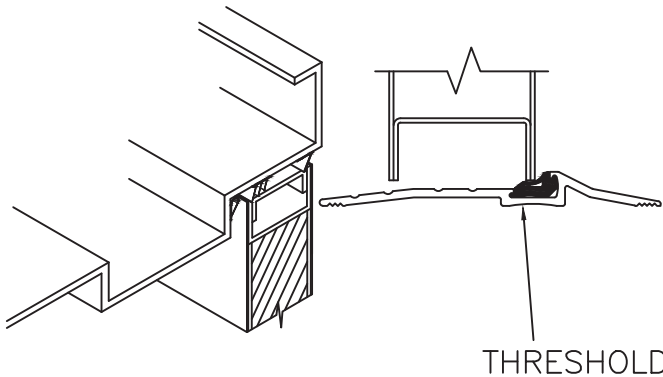
SQ E0/S6: 5-1/8" thru 6-3/4" depth
 PROFILE E0/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS

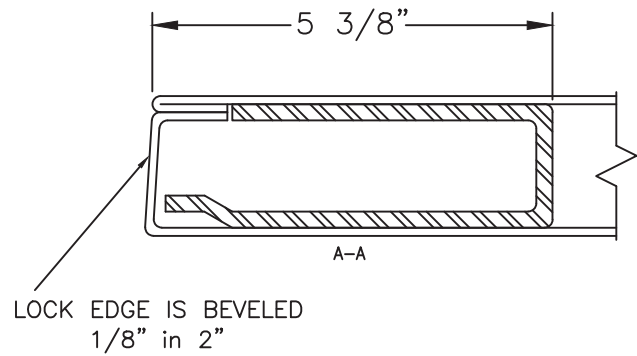


DOOR CONSTRUCTION TOP AND BOTTOM



THRESHOLD

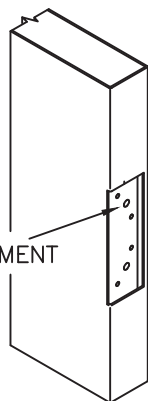
HARDWARE PREPARATIONS SURFACE VERTICAL ROD



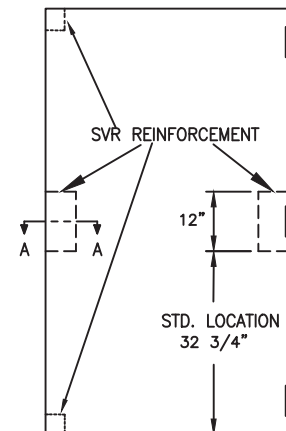
HINGE PREPARATION

HINGE PREP IS HANDED

7 GAGE REINFORCEMENT



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



03/22/20

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



D12N-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
DOUBLE	
4'-0"	6'-8"
5'-0"	7'-0"
5'-4"	7'-2"
6'-0"	7'-10"
7'-0"	8'-0"
8'-0"	

ACOUSTICAL DOORS

- FIRE RATING:
NOT AVAILABLE

STC
47

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTALLATION
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACOUSTIC DOOR
SYSTEM LABELS

ACTUAL
STC RATING
SHOWN HERE

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 rabbet 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. Assemblies STC rated 40 and above must also be grout 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 A156.3 surface vertical rods. 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 conform 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.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Pairs	32-47	*SVR x SVR	3/8"	N/A	Pemko seals: S88, S773, 303AS & 2009_PK Threshold-Set 5

*SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



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03/22/20

ASSA ABLOY

1-3/4" Sound-Tech Xpress

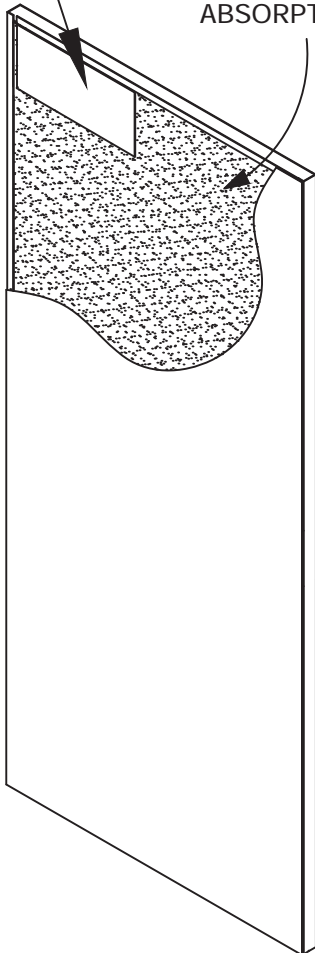
STC48 thru STC49 (Non-Fire Rated, Flush Pairs)

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.

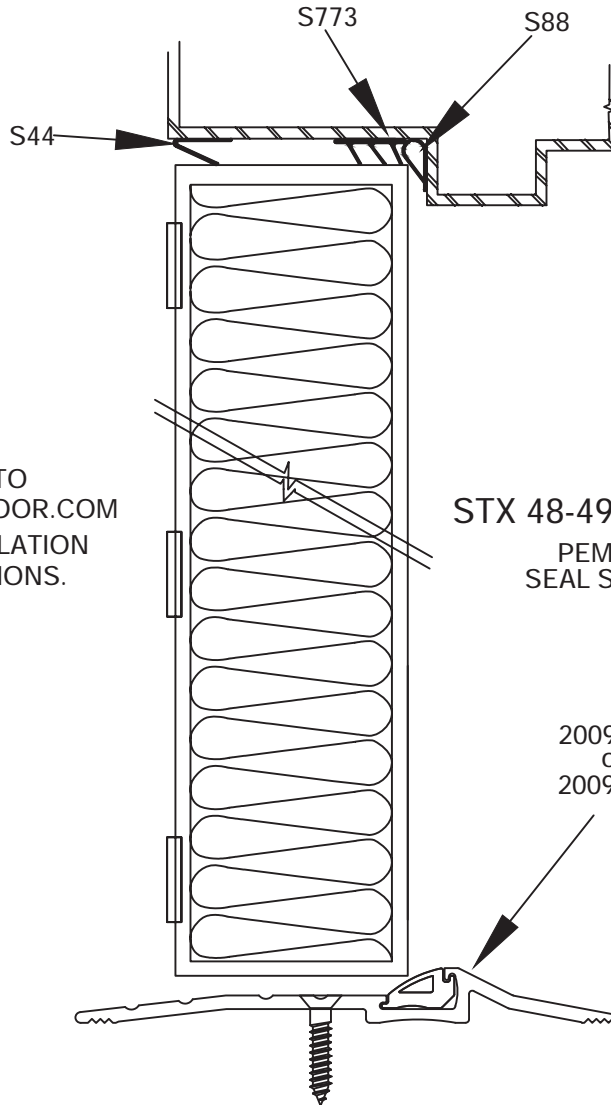
*The Required Core Will Be Provided
 To Achieve The Rating Needed.
 Appropriate Accoustical Seal Sets
 Are Provided With Each STC Rated
 Assembly.*

OPTIONAL
 SURFACE MOUNTED
 CLOSER REINFORCEMENT

REVOLUTIONARY SOUND
 ABSORPTION CORE



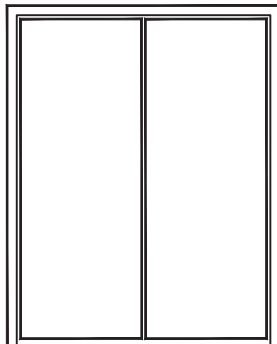
REFER TO
WWW.CECODOOR.COM
 FOR INSTALLATION
 INSTRUCTIONS.



STX 48-49 SHOWN
 PEMKO
 SEAL SET 13

2009APK
 or
 2009DPK

DOOR DESIGN



DOUBLE SWING DOORS
 F
 (ELEVATION)

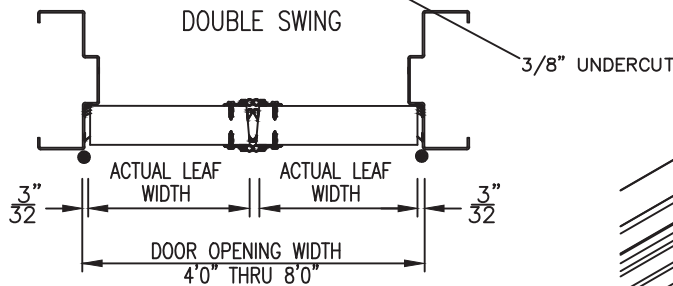
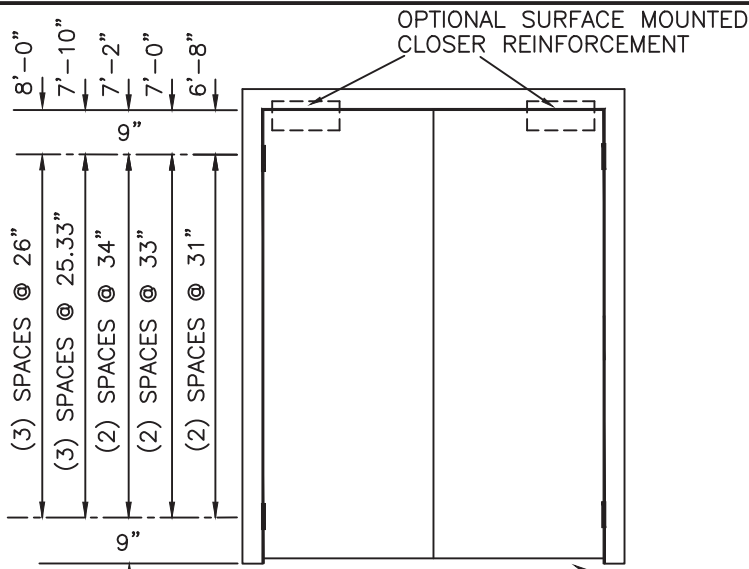
Suggested Uses:

*Conference Rooms, Clinical
 Offices, Courtrooms, Legal Offices,
 Broadcast Studios, Boardrooms,
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 Performing Arts Studios, Hotel/Motel,
 and Military Barracks.*

D120-1

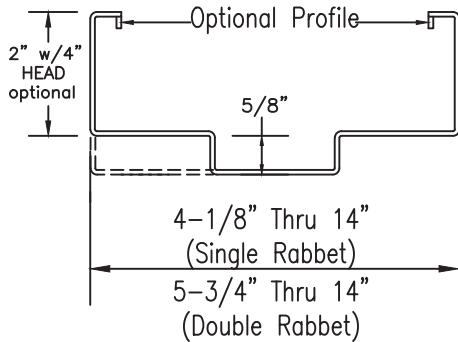
03/23/20

D120-2

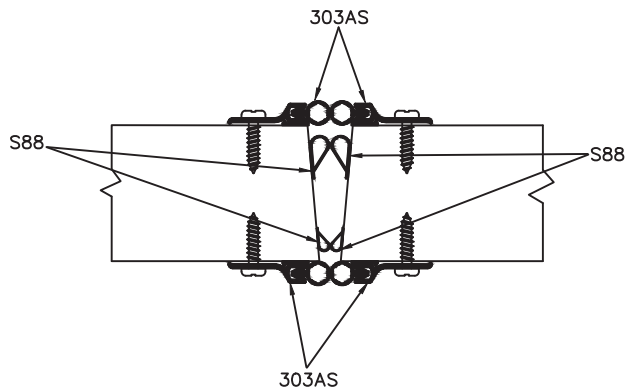
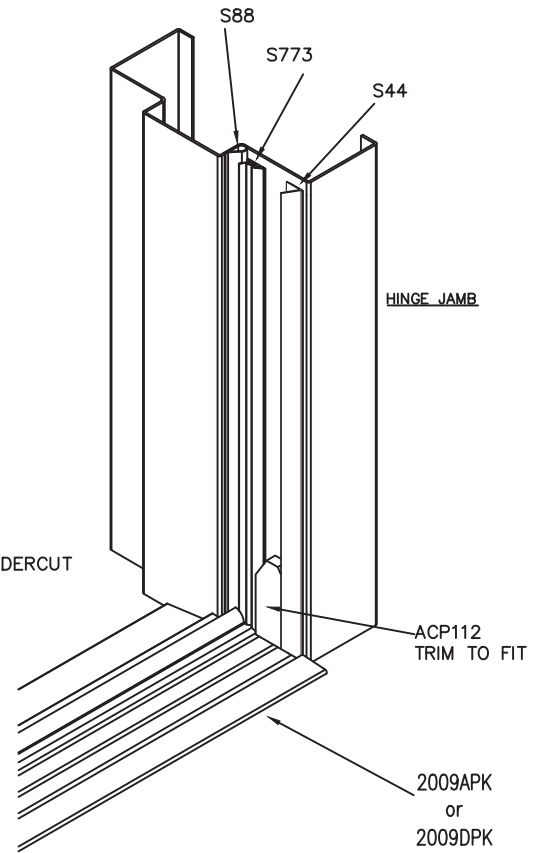
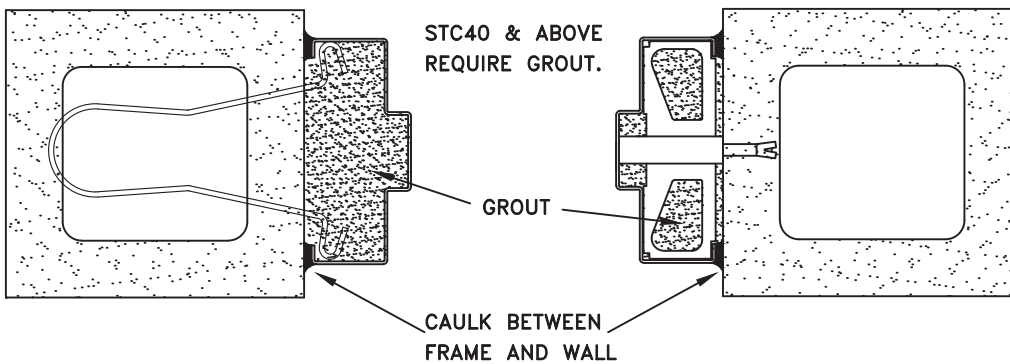


HORIZONTAL SECTION

TYPICAL PROFILE



SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



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)

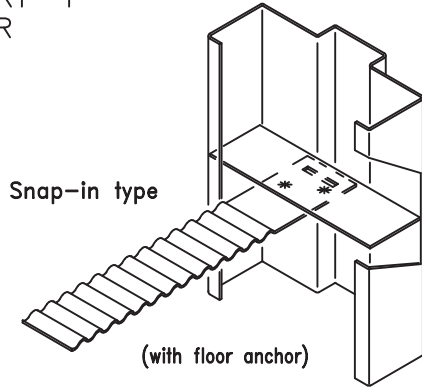
03/23/20



Experience a safer and more open world

D120-3

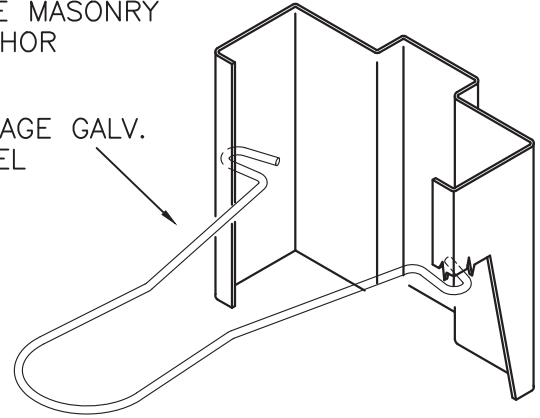
MASONRY "T" ANCHOR



(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

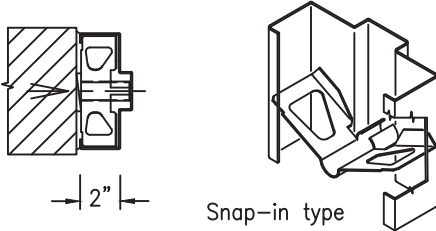
WIRE MASONRY ANCHOR

7 GAGE GALV. STEEL



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

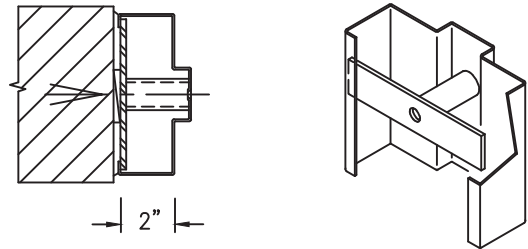


SU E0/S6: 4-3/4" thru 6-3/4" depth
PROFILE E0/S8: 6-7/8" thru 8-3/4" depth

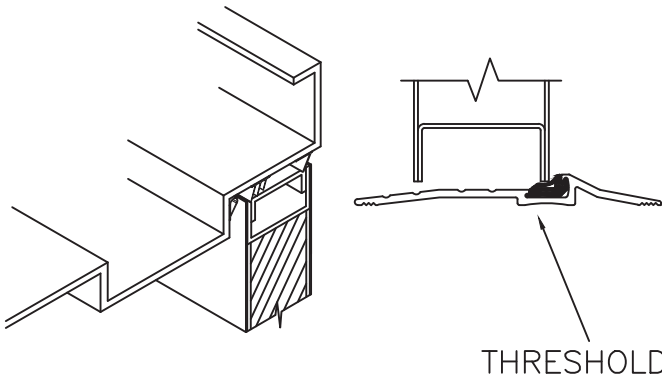
SQ E0/S6: 5-1/8" thru 6-3/4" depth
PROFILE E0/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS

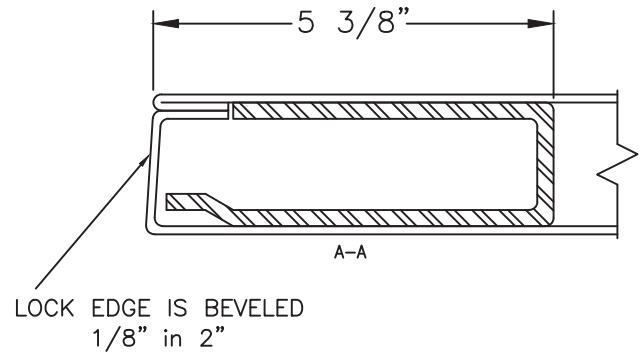


DOOR CONSTRUCTION TOP AND BOTTOM



HARDWARE PREPARATIONS

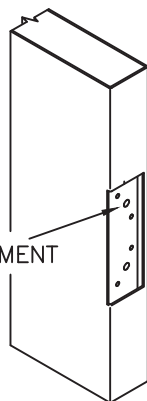
SURFACE VERTICAL ROD



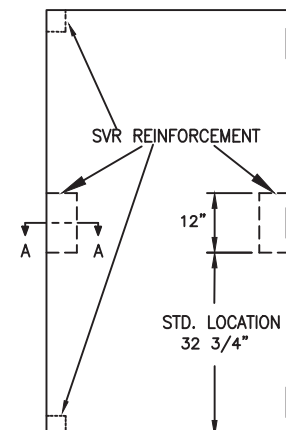
HINGE PREPARATION

HINGE PREP IS HANDED

7 GAGE REINFORCEMENT



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



03/23/20

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

 **Ceco Door**

ASSA ABLOY

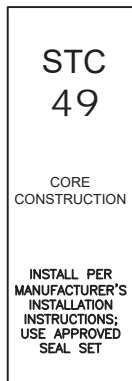
D120-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
DOUBLE	
4'-0"	6'-8"
5'-0"	7'-0"
5'-4"	7'-2"
6'-0"	7'-10"
7'-0"	8'-0"
8'-0"	

ACOUSTICAL DOORS

- FIRE RATING:
NOT AVAILABLE



ACOUSTIC DOOR
SYSTEM LABELS

ACTUAL
STC RATING
SHOWN HERE

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 rabbet 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. Assemblies STC rated 40 and above must also be grout 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 A156.3 surface vertical rods. 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 conform 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.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Seal Set Description
Pairs	48-49	*SVR x SVR	3/8"	N/A	Pemko seals: S88, S44, S773, 303AS & 2009_PK Threshold-Set 13

*SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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

 **Ceco Door**

ASSA ABLOY

Experience a safer
and more open world

03/23/20

1-3/4" Sound-Tech Xpress

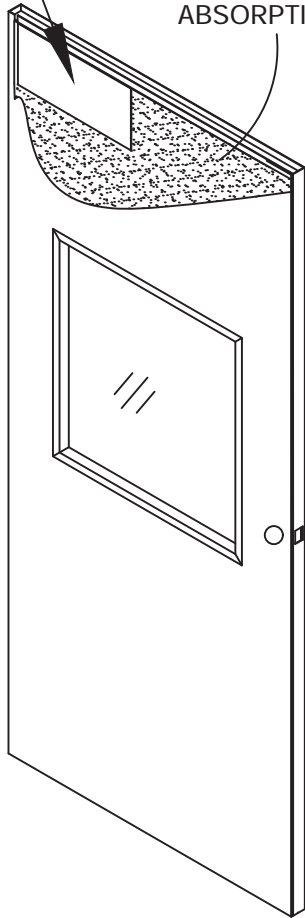
STC32 thru STC44 (Fire Rated or Non-Fire Rated Pairs with Glass)

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



ACOUSTICAL STEEL GLASS KIT WITH KERALITE® LAMINATED ACOUSTICAL GLASS IS FACTORY INSTALLED IN FIRE RATED DOORS.

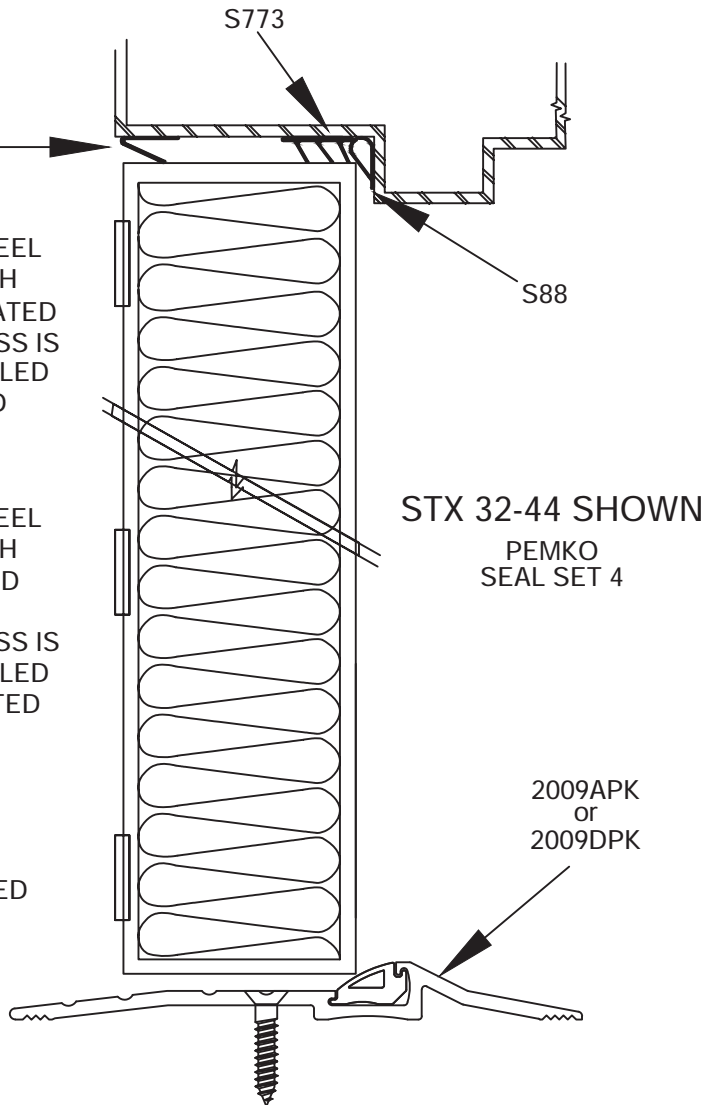
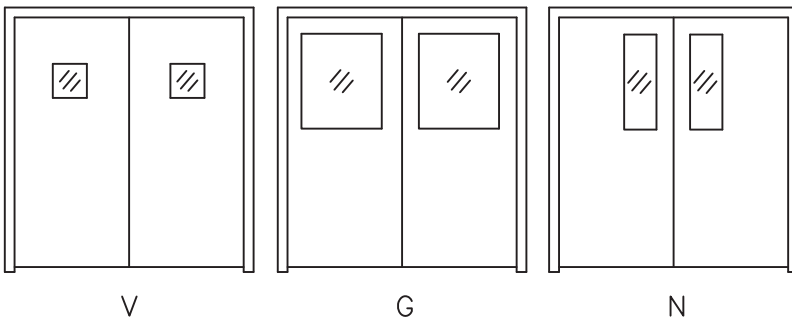
ACOUSTICAL STEEL GLASS KIT WITH 5/16" TEMPERED LAMINATED ACOUSTICAL GLASS IS FACTORY INSTALLED IN NON-FIRE RATED DOORS.

5/16" TEMPERED LAMINATED NON-FIRE RATED GLASS REDUCES STC RATING BY 1 POINT.

REFER TO WWW.CECODOOR.COM FOR INSTALLATION INSTRUCTIONS.

DOOR DESIGN

Note: One Glass Lite per Door Allowed



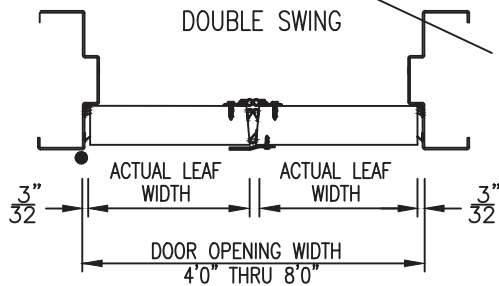
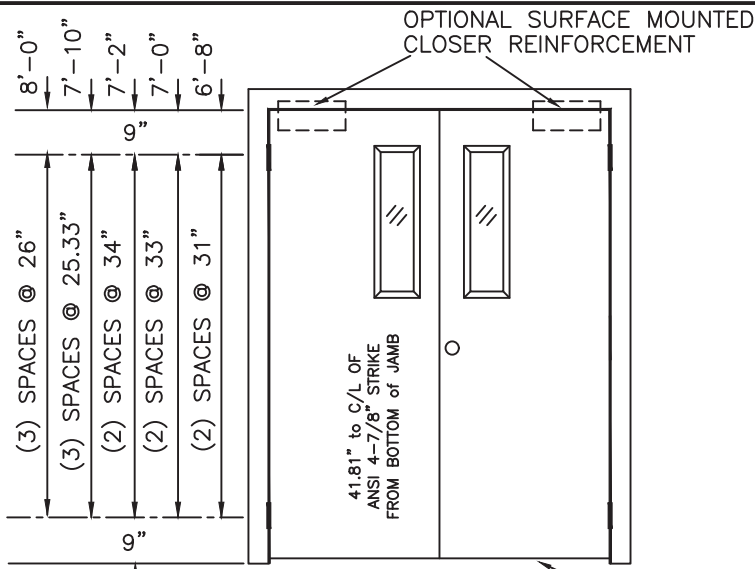
Suggested Uses:

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

D12P-1

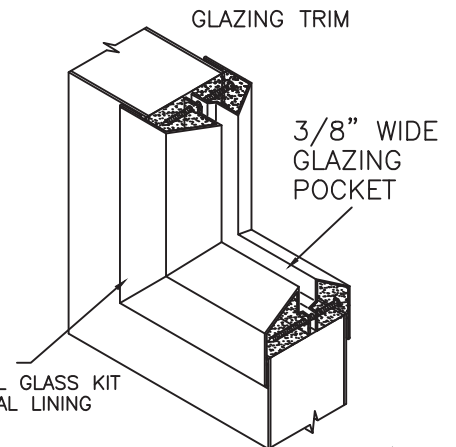
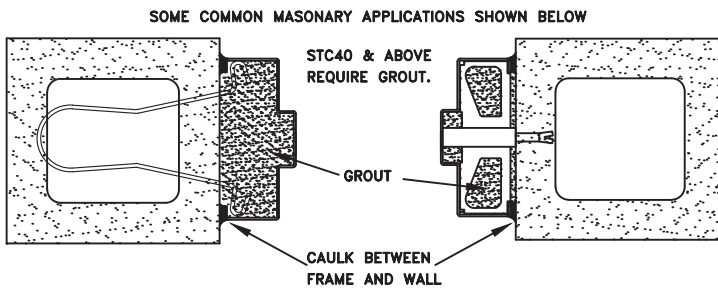
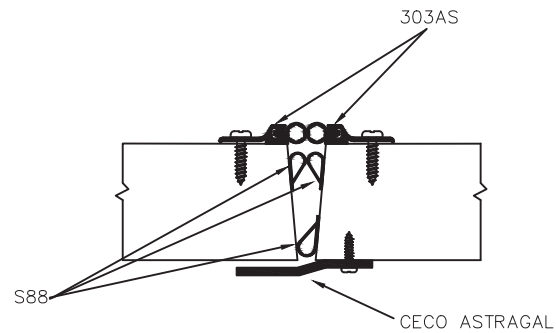
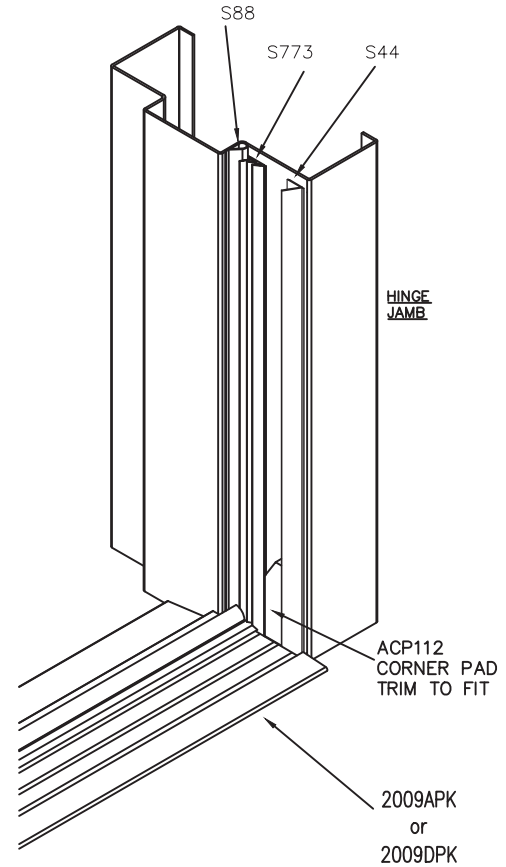
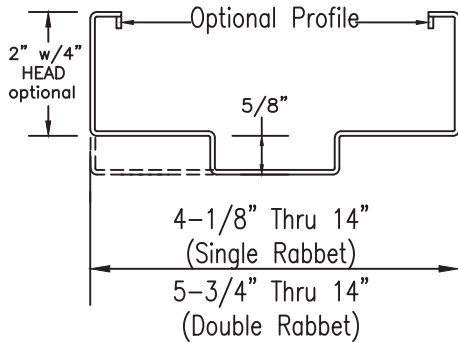
03/23/20

D12P-2



HORIZONTAL SECTION

TYPICAL PROFILE



UL/WH LISTED

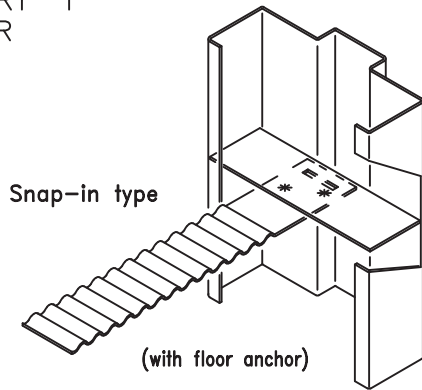
It is important that acoustic door systems be properly installed and sealed into the wall to prevent "flanking noise". Acoustical systems are furnished with detailed installation instructions.

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

03/23/20

D12P-3

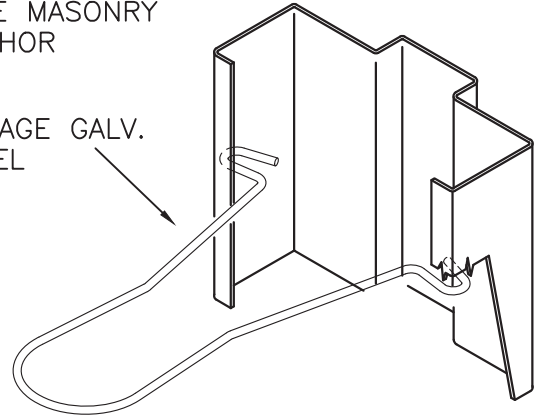
MASONRY "T" ANCHOR



(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

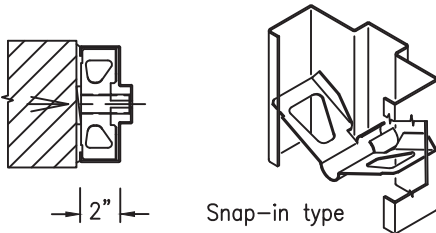
WIRE MASONRY ANCHOR

7 GAGE GALV. STEEL



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

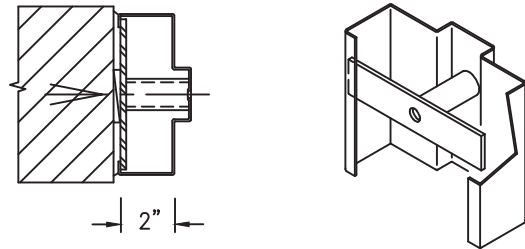


SU E0/S6: 4-3/4" thru 6-3/4" depth
PROFILE E0/S8: 6-7/8" thru 8-3/4" depth

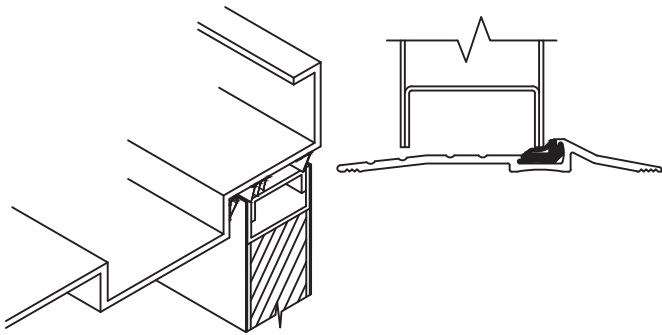
SQ E0/S6: 5-1/8" thru 6-3/4" depth
PROFILE E0/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS



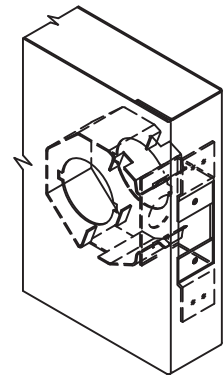
DOOR CONSTRUCTION TOP AND BOTTOM



THRESHOLD

LOCK PREPARATIONS

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

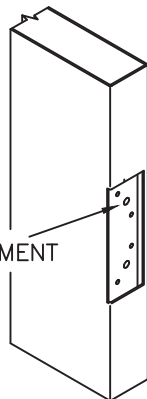


LOCK EDGE IS BEVELED 1/8" in 2"

HINGE PREPARATION

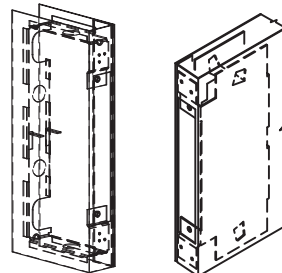
HINGE PREP IS HANDED

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.

03/23/20

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

Ceco Door

ASSA ABLOY

D12P-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
DOUBLE	
4'-0"	6'-8"
5'-0"	7'-0"
5'-4"	7'-2"
6'-0"	7'-10"
7'-0"	8'-0"
8'-0"	

ACOUSTICAL FIRE DOORS

LABELING AGENCIES
<ul style="list-style-type: none"> * UL * WH
TEST: UL 10B, UL 10C, UL 1784 & NFPA 252
FIRE RATING:
* 20 MIN. THRU 3 HRS.
(STX 32-44 GLAZED PAIRS)
8'0" x 8'0" MAX.
* DESIGNS: GLAZED PAIRS

STC
44

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACOUSTIC DOOR
SYSTEM LABELS

ACTUAL
STC RATING
SHOWN HERE

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 HMMMA 865 & SDI-128 specifications. KERALITE[®] LAMINATED glass is factory installed in fire rated doors. 5/16" tempered laminated glass is installed in non-fire rated doors. A physical STC 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 rabbet 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. Assemblies STC rated 40 and above must also be grout 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 x surface or flush bolts, ANSI A115.1 mortise lock x surface or flush bolts or ANSI 156.3 mortise panic x surface vertical rod or surface or flush bolts. 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.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Max. Lite Visible Area	Seal Set Description
Pairs	32-44	*Cyl	3/8"	3 Hr.	100 ² "	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 4
Pairs	32-43	*Cyl or Mortise	3/8"	3 Hr.	100 ² "	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 4
Pairs	32-42	**Mortise Panic	3/8"	3 Hr.	100 ² "	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 4
Pairs	32-41	*Cyl	3/8"	1-1/2 Hr.	288 ² "	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 4
Pairs	32-40	*Cyl or Mortise	3/8"	1-1/2 Hr.	288 ² "	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 4
Pairs	32-39	**Mortise Panic	3/8"	1-1/2 Hr.	288 ² "	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 4
Pairs	32-37	*Cyl	3/8"	1-1/2 Hr.	720 ² "	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 4
Pairs	32-36	*Cyl or Mortise	3/8"	1-1/2 Hr.	720 ² "	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 4
Pairs	32-35	**Mortise Panic	3/8"	1-1/2 Hr.	720 ² "	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 4

OPTIONAL HARDWARE PREPARATIONS ARE NOT ALLOWED.

*CYLINDRICAL OR MORTISE LOCK REQUIRES SURFACE OR FLUSHBOLTS WITH ASTRAGAL.

**MORTISE PANIC REQUIRES SURFACE VERTICAL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL.

NOTE: KERALITE[®] LAMINATED GLASS IS FACTORY INSTALLED IN FIRE RATED DOORS.

NOTE: 5/16" TEMPERED LAMINATED NON-FIRERATED GLASS - REDUCE ALL ABOVE STC RATINGS BY 1 POINT.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



30/23/20

1-3/4" Sound-Tech Xpress

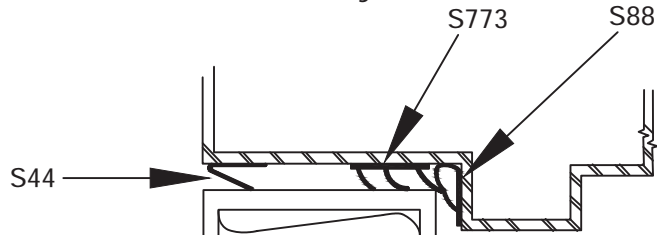
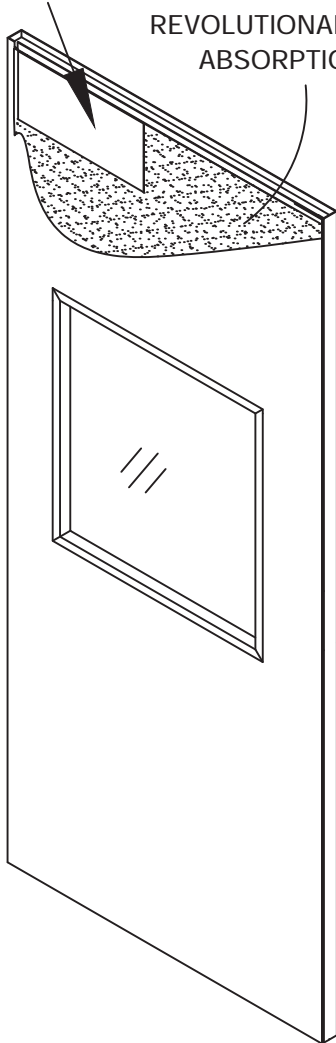
STC32 thru STC44 (Non-Fire Rated Pairs with Glass)

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



ACOUSTICAL STEEL GLASS KIT WITH 5/16" TEMPERED LAMINATED ACOUSTICAL GLASS IS FACTORY INSTALLED IN NON-FIRE RATED DOORS.

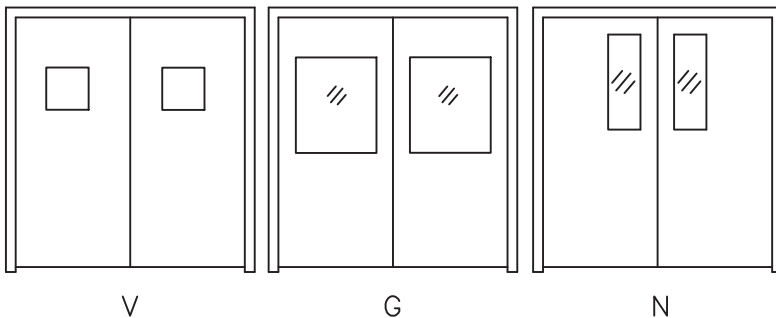
STX 32-44 SHOWN
 PEMKO SEAL SET 13

REFER TO WWW.CECODOOR.COM FOR INSTALLATION INSTRUCTIONS.

2009APK
 or
 2009DPK

DOOR DESIGN

Note: One Glass Lite per Door Allowed



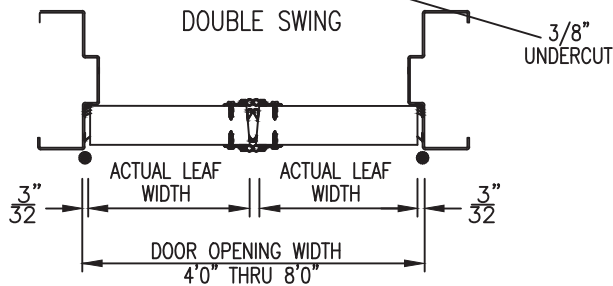
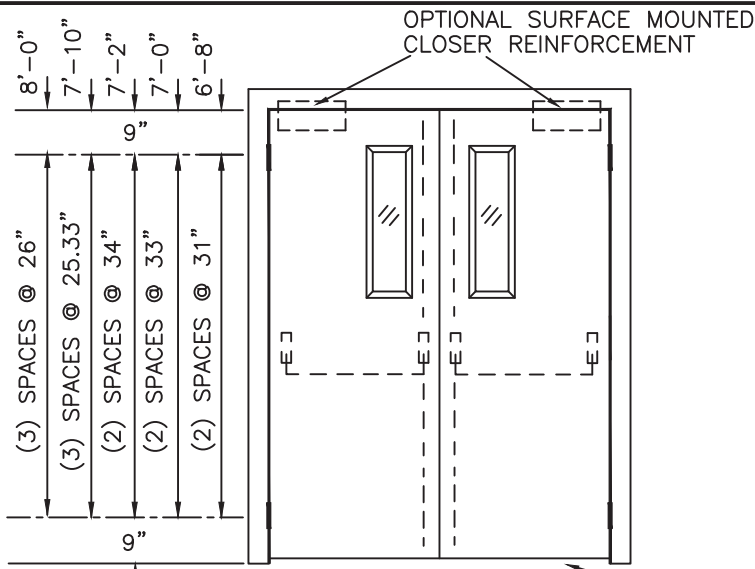
Suggested Uses:

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

D120-1

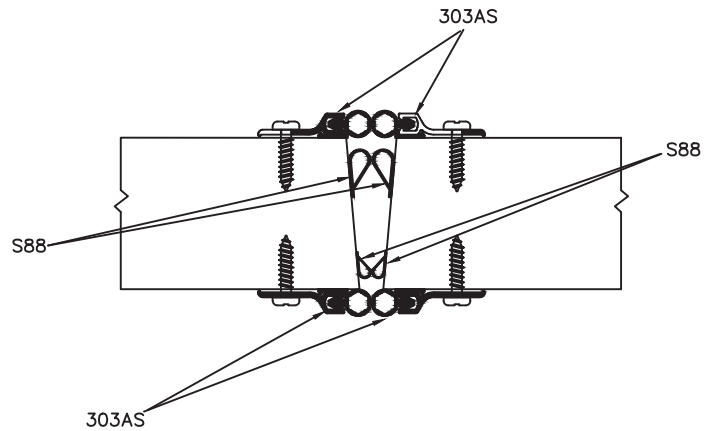
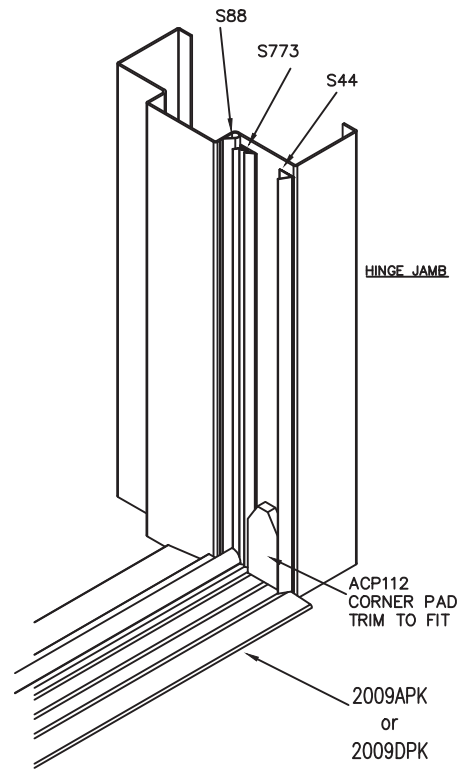
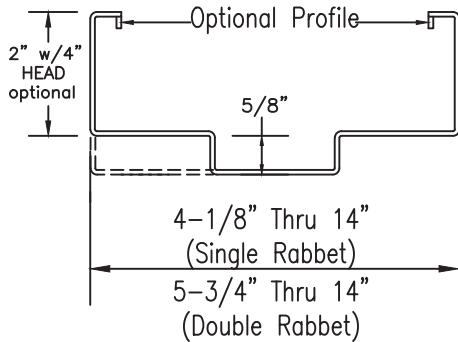
03/23/20

D120-2

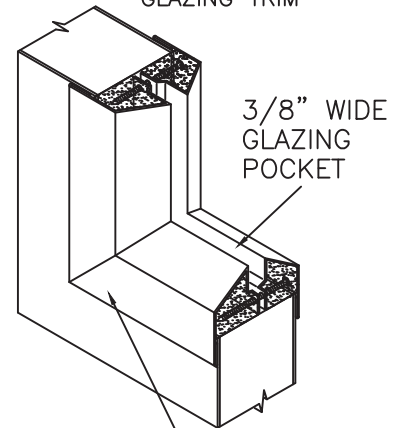


HORIZONTAL SECTION

TYPICAL PROFILE

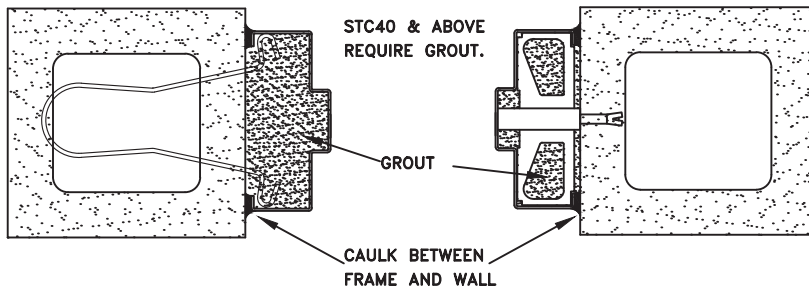


GLAZING TRIM



ACOUSTICAL STEEL GLASS KIT with ACOUSTICAL LINING

SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



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)

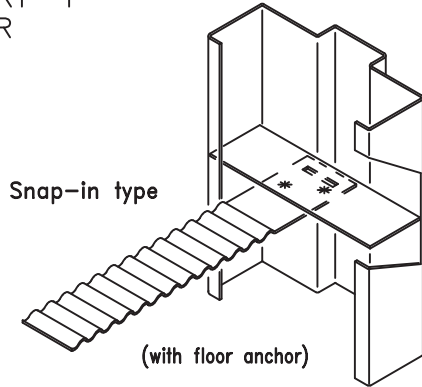
03/23/20

TECH-DATA

Sound-Tech Xpress Door Systems

D12Q-3

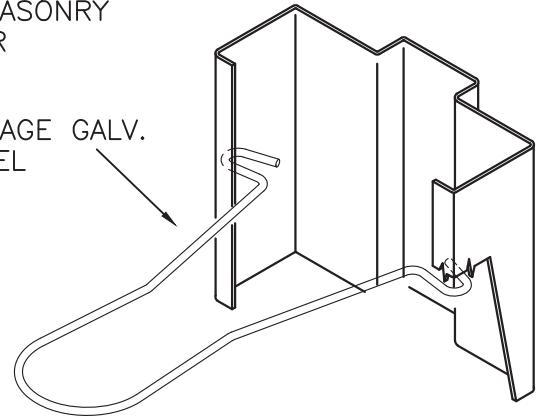
MASONRY "T" ANCHOR



(ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH & PROFILE)

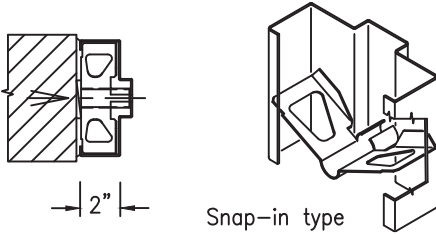
WIRE MASONRY ANCHOR

7 GAGE GALV. STEEL



EXISTING OPENING ANCHOR EO

ANCHOR FITS VARIOUS DEPTH FRAMES (SEE BELOW)

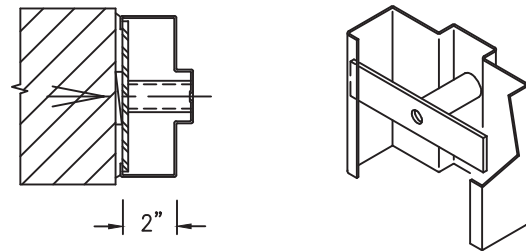


SU E0/S6: 4-3/4" thru 6-3/4" depth
PROFILE E0/S8: 6-7/8" thru 8-3/4" depth

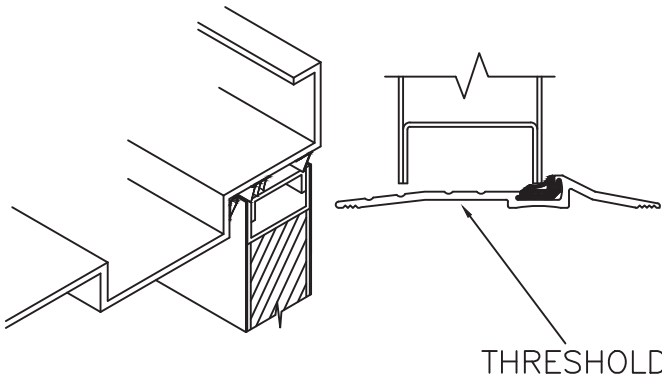
SQ E0/S6: 5-1/8" thru 6-3/4" depth
PROFILE E0/S8: 6-7/8" thru 8-3/4" depth

EXISTING OPENING ANCHOR EO/P&S

ANCHOR FITS VARIOUS DEPTHS

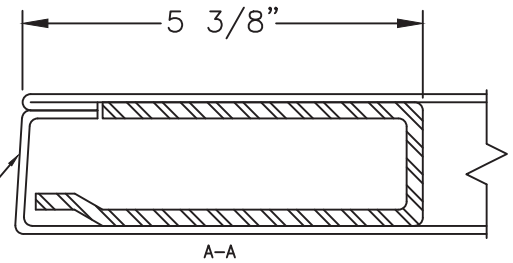


DOOR CONSTRUCTION TOP AND BOTTOM



HARDWARE PREPARATIONS

SURFACE VERTICAL ROD

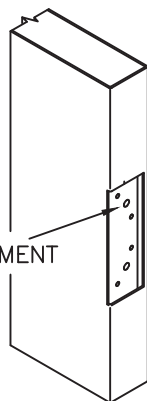


LOCK EDGE IS BEVELED
1/8" in 2"

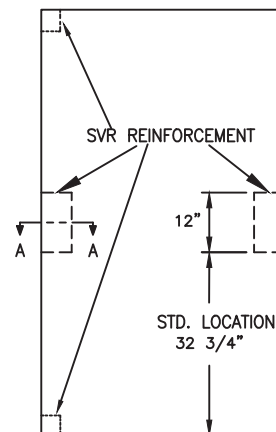
HINGE PREPARATION

HINGE PREP IS HANDED

7 GAGE REINFORCEMENT



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



03/23/20

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

 **Ceco Door**

ASSA ABLOY

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D12Q-4

STANDARD SIZES NOMINAL DOOR OPENING

WIDTH	HEIGHT
DOUBLE	
4'-0"	6'-8"
5'-0"	7'-0"
5'-4"	7'-2"
6'-0"	7'-10"
7'-0"	8'-0"
8'-0"	

ACOUSTICAL DOORS

NO FIRE RATINGS AVAILABLE
 * (STX 32-44 GLAZED PAIRS
 8'0" x 8'0" MAX.)
 * DESIGNS: GLAZED PAIRS

STC
44

ACOUSTIC DOOR
SYSTEM LABELS

CORE
CONSTRUCTION

INSTALL PER
MANUFACTURER'S
INSTALLATION
INSTRUCTIONS;
USE APPROVED
SEAL SET

ACTUAL
STC RATING
SHOWN HERE

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. 5/16" tempered laminated glass is factory installed. A physical STC 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 rabbet 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. Assemblies STC rated 40 and above must also be grout 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 A156.3 surface vertical rod x surface vertical rod. 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 conform 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.

Sound-Tech Xpress Door Systems

	STC Rating	Lock Type	Under-cut	Max. Fire Rating	Max. Lite Visible Area	Seal Set Description
Pairs	32-44	*SVR x SVR	3/8"	N/A	100"	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 13
Pairs	32-41	*SVR x SVR	3/8"	N/A	288"	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 13
Pairs	32-37	*SVR x SVR	3/8"	N/A	720"	Pemko seals: S88, S44, S773, 303AS, ACP112 & 2009_PK Threshold-Set 13

* SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

NOTE: 5/16" TEMPERED LAMINATED GLASS IS FACTORY INSTALLED.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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

Ceco Door

ASSA ABLOY

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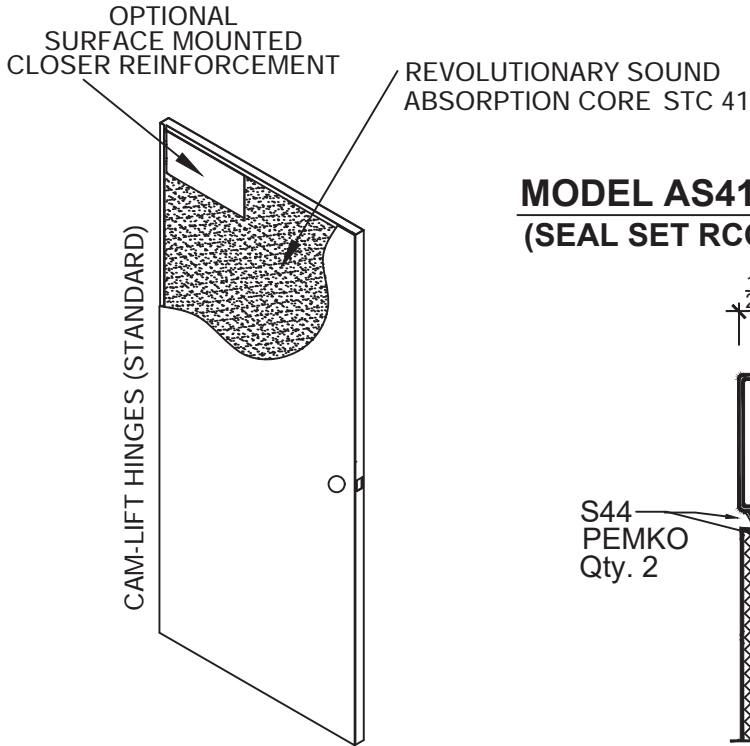
03/23/20

ASSA ABLOY 1-3/4" Sound-Tech Xpress

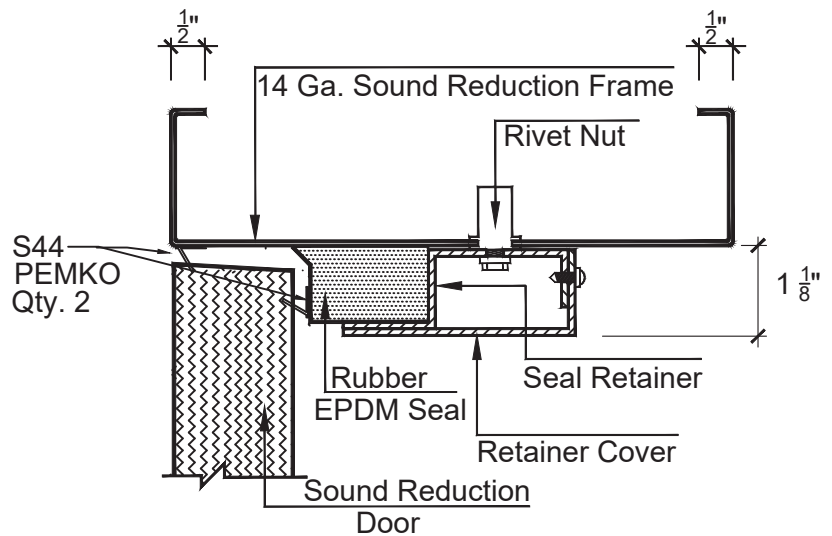
UP TO STC 41 (Flush Singles)

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, BOTTOM SEALS, GRAVITY GLIDE CAM-LIFT HINGES
 AND THRESHOLD AS REQUIRED FOR RATING.

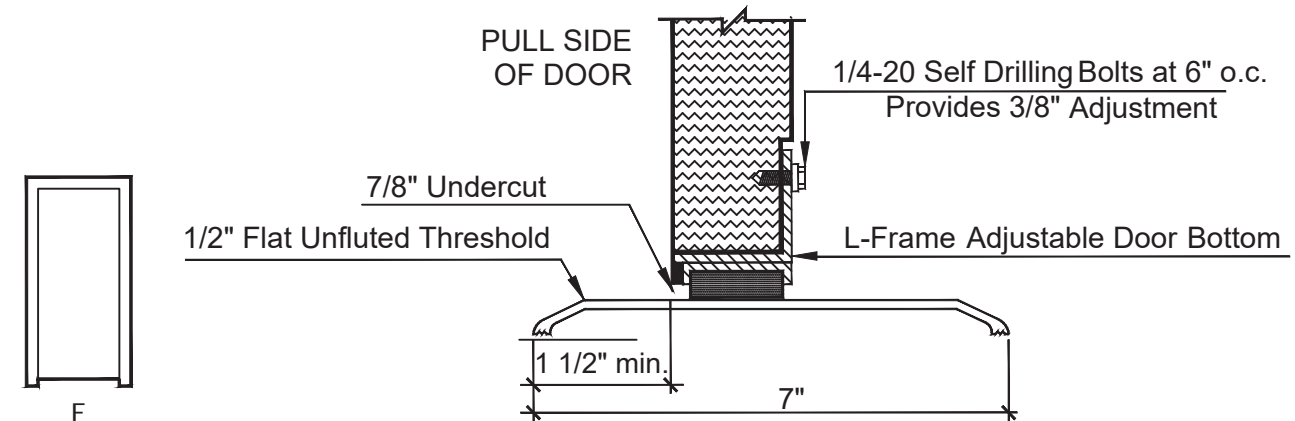
*The Required Core Will Be Provided To Achieve The Rating Needed.
 Appropriate Acoustical Seal Sets Are Provided With Each STC Rated Assembly.*



MODEL AS41C UTILIZES "ADJ" PROFILE FRAME (SEAL SET RCG FOR SINGLES, RCGP FOR PAIRS)



DOOR DESIGN



F (ELEVATION)

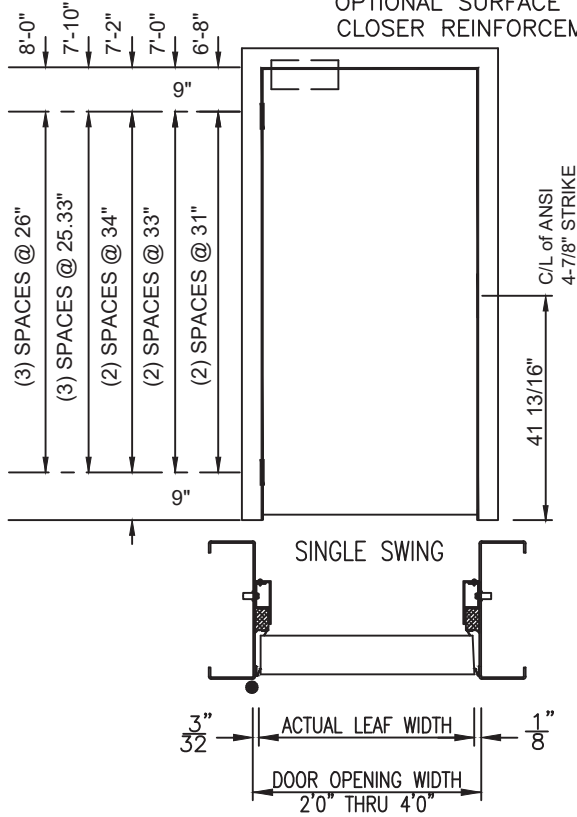
Please reference www.cecodoor.com for installation instructions.

Suggested Uses:

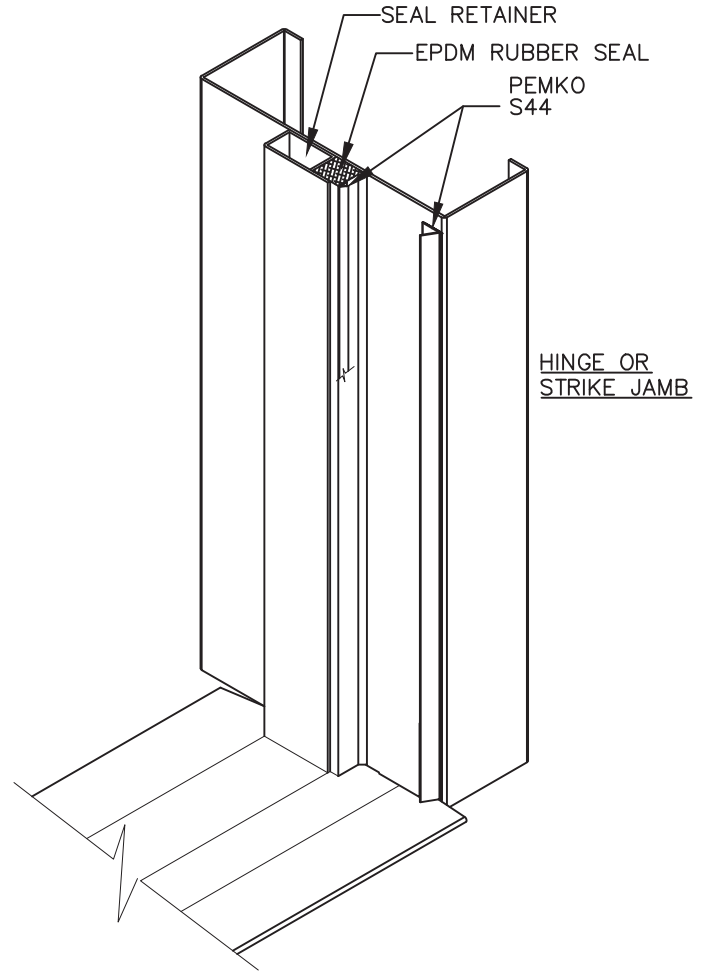
- Conference Rooms, Clinical Offices, Courtrooms, Legal Offices, Broadcast Studios, Boardrooms, Libraries, Music Rooms, and Performing Arts Studios, Hotel/Motel, and Military Barracks.

D12R-2

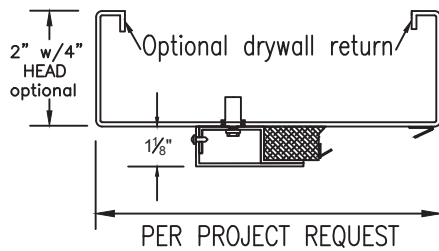
OPTIONAL SURFACE MOUNTED
CLOSER REINFORCEMENT



HORIZONTAL SECTION

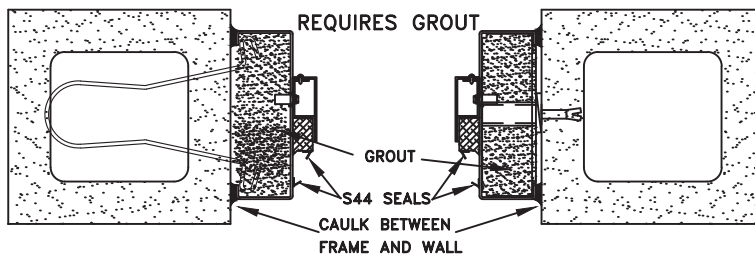


**ADJ PROFILE AND SEALS FOR MODEL AS41C
(SEAL SET RCG)**



PROFILE AS41C

SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



DRAWING DEPICTS INSTALLATION.
PROFILES, SEALS AND ANCHORS MAY VARY.

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.

10/16/19

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

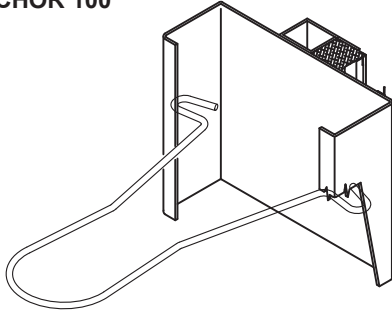
Experience a safer
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Ceco Door

ASSA ABLOY

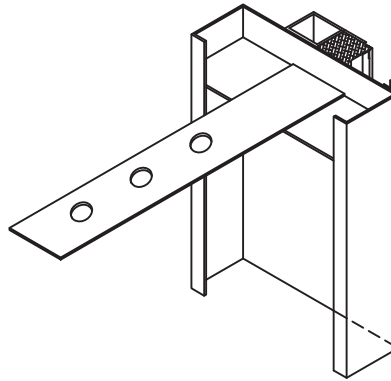
D12R-3

MASONRY WIRE ANCHOR 100

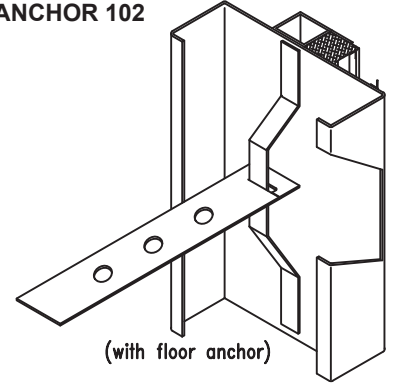


(with floor anchor)

MASONRY "T" ANCHOR 101



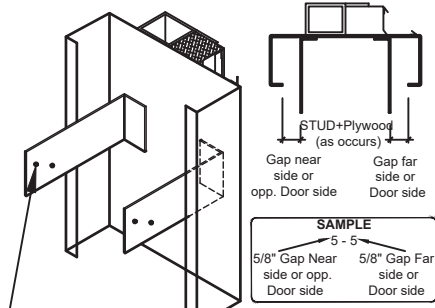
MASONRY STRAP ANCHOR 102



(with floor anchor)

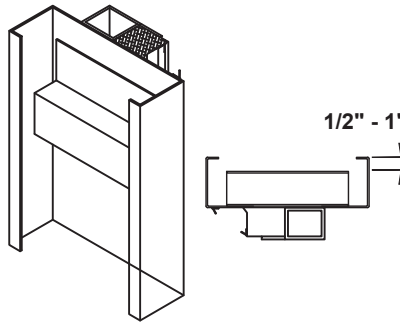
ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH AND PROFILE

WOOD STUD ANCHOR 400



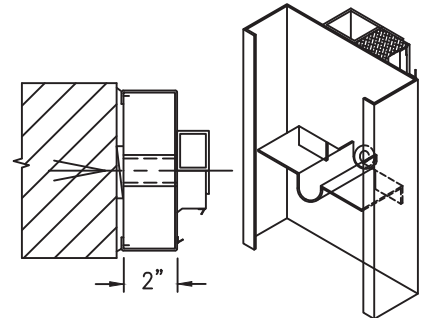
3/16" Hole In Straps
For #8 Screw Or 8d Nail @ 24"
O.C. max at Straps (with floor anchor)

STEEL STUD ANCHOR 204

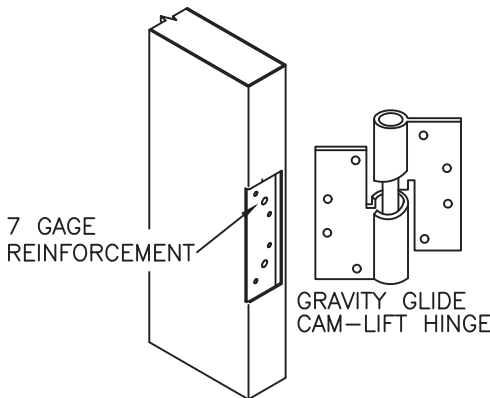


(with floor anchor)

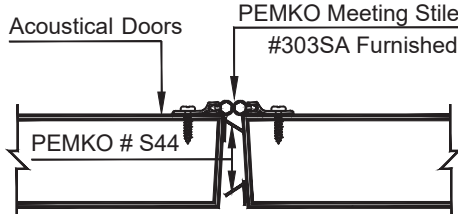
EXISTING WALL ANCHOR 301



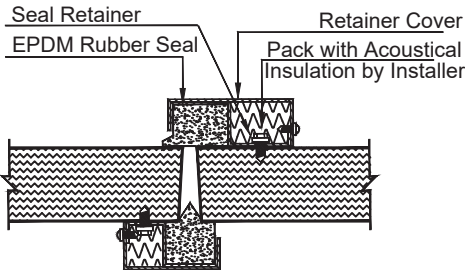
HINGE PREPARATION (HINGE PREP. IS HANDED)



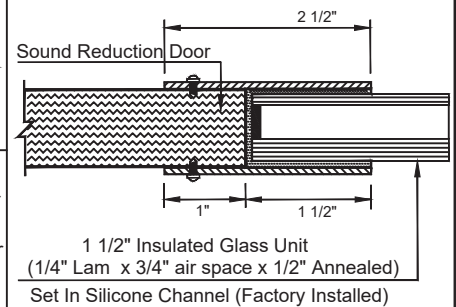
BL ASTRAGAL (Both leaf active)



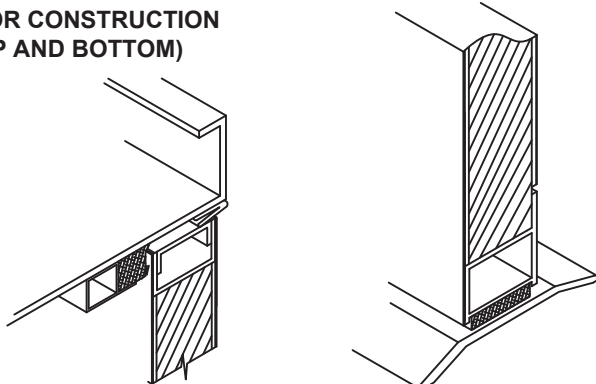
IL ASTRAGAL (Single leaf active)



IGU 20 DOOR VISION



DOOR CONSTRUCTION (TOP AND BOTTOM)



THRESHOLD

LOCK PREPARATIONS

CYLINDRICAL
ANSI A115.2
BACKSET
3-3/4" REQUIRED
CYLINDRICAL &
MORTISE DEADLOCK
(optional)

10/16/19



D12R-4

**STANDARD SIZES
NOMINAL DOOR OPENING**

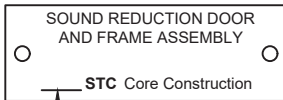
WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

(Custom sizes available upon request.)

ACOUSTICAL FIRE DOORS

FIRE RATING NOT AVAILABLE

**ACOUSTIC DOOR
SYSTEM LABELS**



Specified lab STC rating shown here

SPECIFICATIONS

- 1) All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint complying with ASTM A250.10
- 2) An aluminum threshold is included. Threshold must protrude 1 1/2" inches past the face of the frame on the pull side of the door to allow the EPDM rubber section of the door bottom to seat properly during normal operation of the Gravity-Glide cam-lift hinges.
- 3) Door bottom requires a flush level sealing surface. The threshold must be level and may require shimming to compensate for an uneven floor. This will prevent any sound leaks at this location. Threshold to be grouted solid.
- 4) Assembly is equipped with metal sound door, frame, seals, door bottom, threshold, Gravity Glide cam - lift hinges and crated for shipment.
- 5) Door Thickness is 1 3/4". Door weight is 8.4 pounds per square foot. Be aware that the frame must be securely tied to the framing from the sub floor to the structure above. Doubled wood studs or 16 Ga. steel studs are strongly recommended to support the weight of the assembly.
- 6) Doors are to be formed of no less than 16 Gauge steel face sheets continuously welded at the vertical edges and finished smooth.
- 7) Frames are to be formed of no less than 14 Gauge sheet steel with corners mitered, continuously welded and ground smooth.
- 8) Doors and frame are commercial quality zinc coated steel conforming to ASTM A653 & ASTM A924. Acoustic core and internal construction is manufacturer's proprietary standards as tested in accordance with ASTM E90, E413, E1332, & E2235 to furnish the STC rating specified.
- 9) Frames must be fully grouted.
- 10) Please be aware industry standard construction tolerances for squareness of frame installation, plumbness of walls, flatness of floors, etc. may result in a difference of 3db-5db sound loss in a field test vs. lab results.
- 11) Please reference www.cecodoor.com for installation instructions.

Sound-Tech Xpress Door System Options

DOORS TESTED = 3'0"x7'0", 16 gauge, flush, single

FRAMES TESTED = 3'0"x7'0", 14 gauge, welded, grouted

Tested assembly includes the following-

Sound tight door and frame assemblies, perimeter seals, retainer, cam lift hinges, door bottom, threshold and acoustical astragal (at pairs).

Additional Notes:

- 1) Pairs available - Potential sound loss = 5 STC points
- 2) Visions available - Potential sound loss = 2 STC points for narrow visions. Up to 300 square inches. Larger visions may result in additional sound loss.
- 3) Increased opening sizes available. Potential sound loss may or may not occur as size increases.
- 4) Assembly was fitted with cylindrical lock. Preparations for alternate hardware is allowed, however, sound loss may or may not occur.
- 5) Sound assemblies are tested as complete assemblies. Sound degradation may occur with the use of an existing door or frame.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



11/18/19

ASSA ABLOY 1-3/4" Sound-Tech Xpress

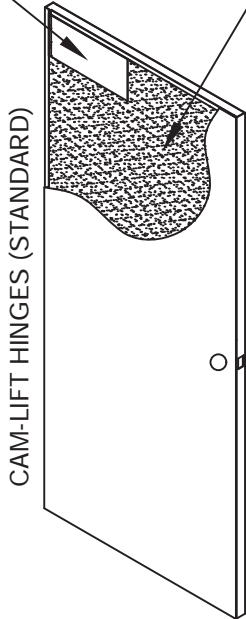
STC 42-46 (Flush Singles)

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, BOTTOM SEALS, GRAVITY GLIDE CAM-LIFT HINGES
 AND THRESHOLD AS REQUIRED FOR RATING.

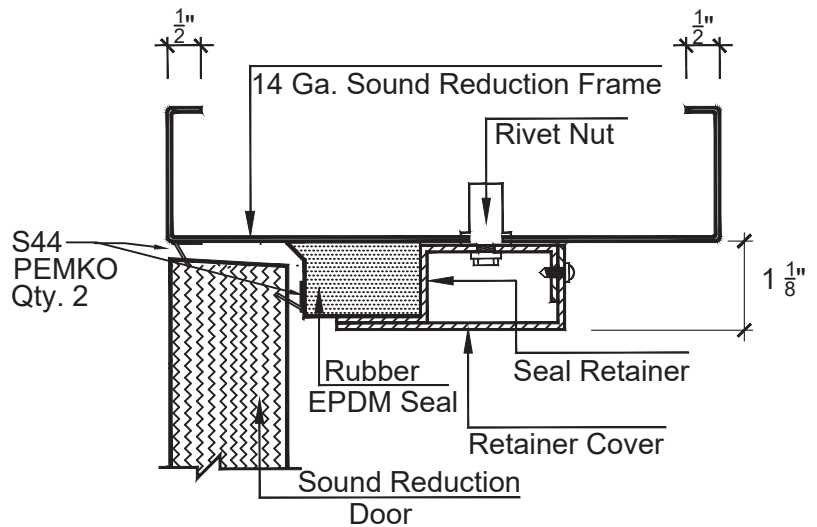
*The Required Core Will Be Provided
 To Achieve The Rating Needed.
 Appropriate Acoustical Seal Sets
 Are Provided With Each STC Rated
 Assembly.*

OPTIONAL
 SURFACE MOUNTED
 CLOSER REINFORCEMENT

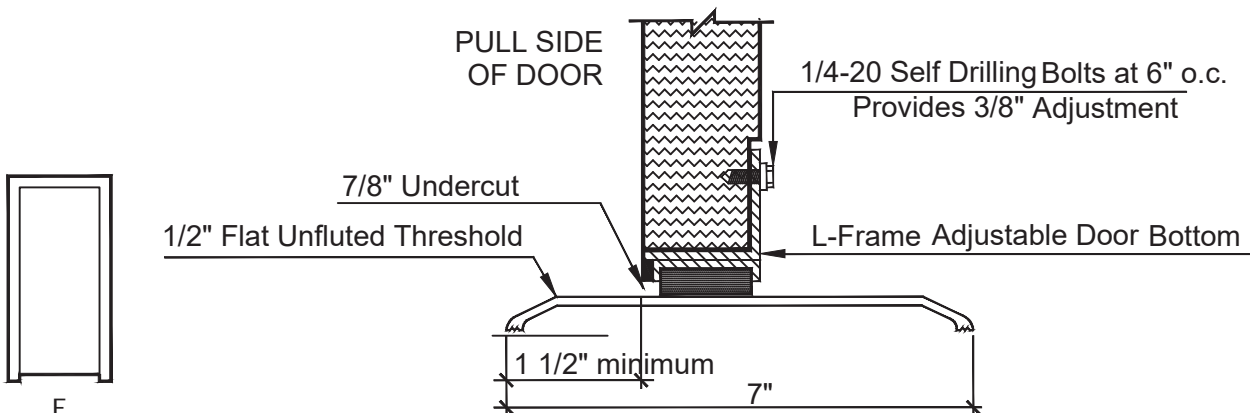
REVOLUTIONARY SOUND
 ABSORPTION CORE STC 46



**MODEL AS46C UTILIZES "ADJ" PROFILE FRAME
 (SEAL SET RCG FOR SINGLES, RCGP FOR PAIRS)**



DOOR DESIGN



F
 (ELEVATION)

Please reference www.cecodoor.com for installation instructions.

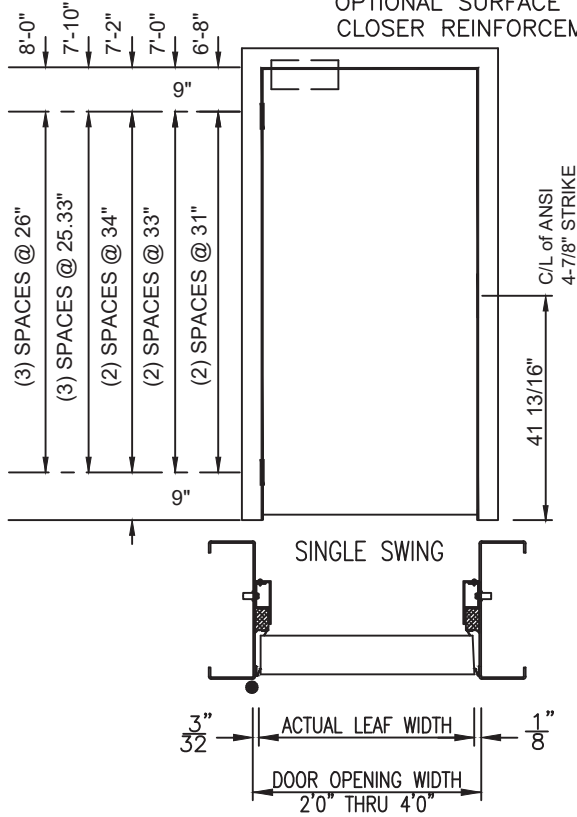
Suggested Uses:
 Conference Rooms, Clinical
 Offices, Courtrooms, Legal Offices,
 Broadcast Studios, Boardrooms,
 Libraries, Music Rooms, and
 Performing Arts Studios, Hotel/Motel,
 and Military Barracks.

D12S-1

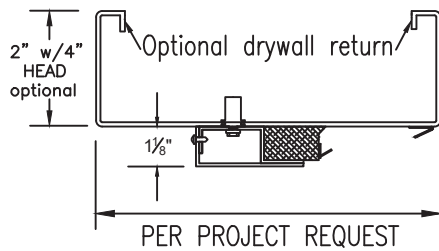
10/16/19

D12S-2

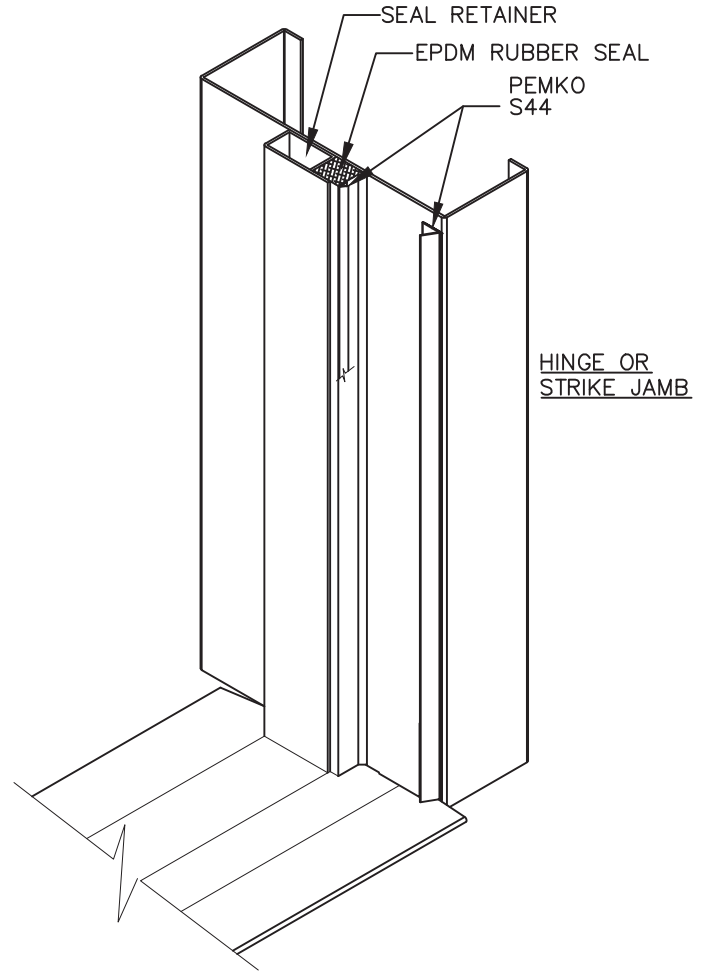
OPTIONAL SURFACE MOUNTED
CLOSER REINFORCEMENT



HORIZONTAL SECTION

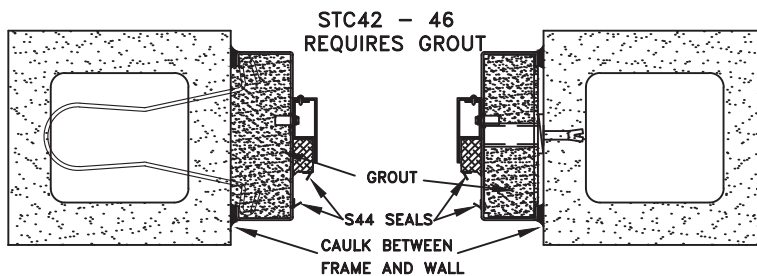


PROFILE AS46C



**ADJ PROFILE FOR MODEL AS46C
(SEAL SET RCG)**

SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



DRAWING DEPICTS INSTALLATION.
PROFILES, SEALS AND ANCHORS MAY VARY.

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)

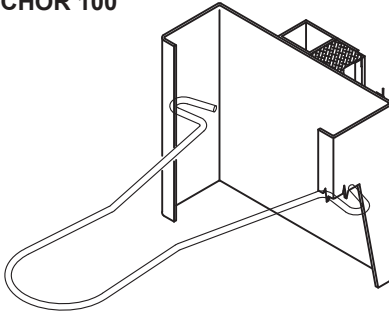
10/16/19



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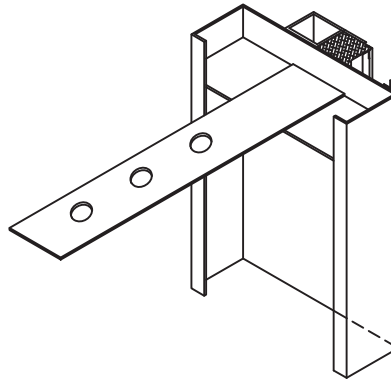
D12S-3

MASONRY WIRE ANCHOR 100

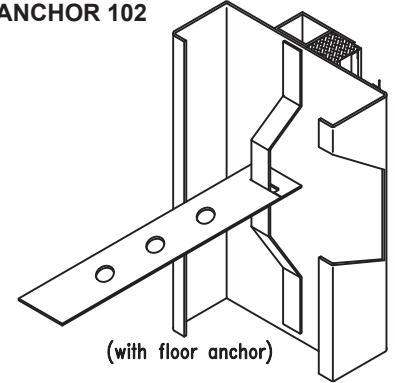


(with floor anchor)

MASONRY "T" ANCHOR 101



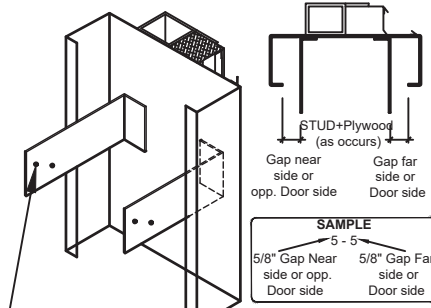
MASONRY STRAP ANCHOR 102



(with floor anchor)

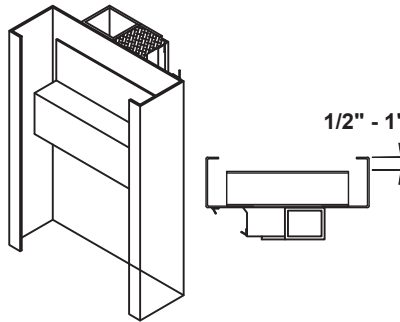
ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH AND PROFILE

WOOD STUD ANCHOR 400



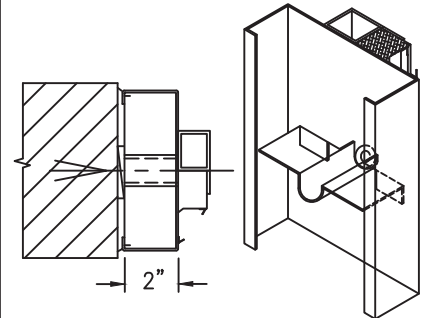
3/16" Hole In Straps
For #8 Screw Or 8d Nail @ 24"
O.C. max at Straps (with floor anchor)

STEEL STUD ANCHOR 204

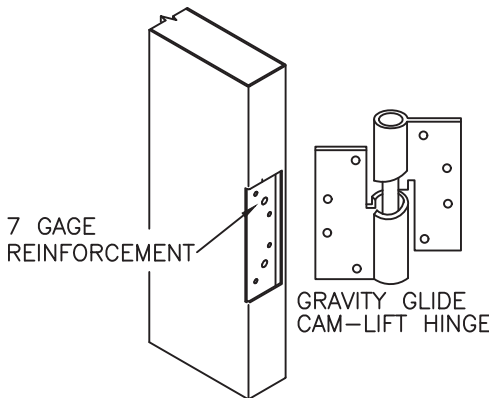


(with floor anchor)

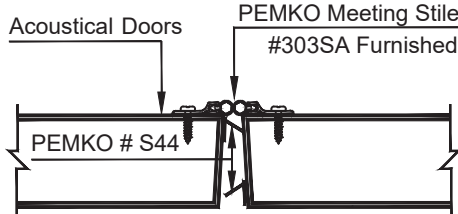
EXISTING WALL ANCHOR 301



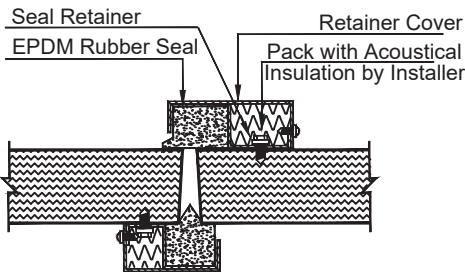
HINGE PREPARATION (HINGE PREP. IS HANDED)



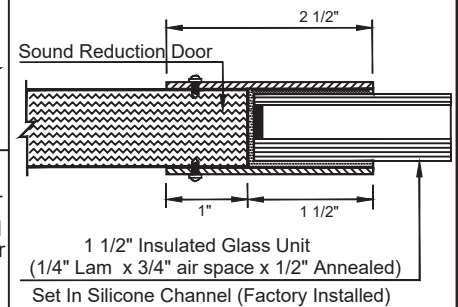
BL ASTRAGAL (Both leaf active)



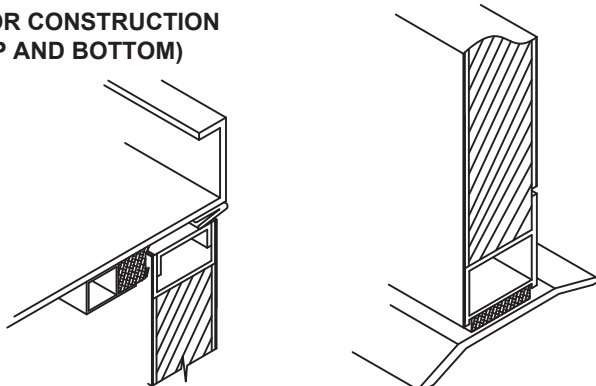
IL ASTRAGAL (Single leaf active)



IGU 20 DOOR VISION



DOOR CONSTRUCTION (TOP AND BOTTOM)



THRESHOLD

LOCK PREPARATIONS

CYLINDRICAL
ANSI A115.2
BACKSET
3-3/4" REQUIRED
CYLINDRICAL &
MORTISE DEADLOCK
(optional)

10/16/19



D12S-4

**STANDARD SIZES
NOMINAL DOOR OPENING**

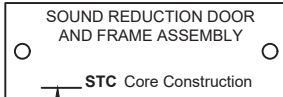
WIDTH SINGLE	HEIGHT
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

(Custom sizes available upon request.)

ACOUSTICAL FIRE DOORS

FIRE RATING NOT AVAILABLE

**ACOUSTIC DOOR
SYSTEM LABELS**



Specified lab STC rating shown here

SPECIFICATIONS

- 1) All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint complying with ASTM A250.10
- 2) An aluminum threshold is included. Threshold must protrude 1 1/2" inches past the face of the frame on the pull side of the door to allow the EPDM rubber section of the door bottom to seat properly during normal operation of the Gravity-Glide cam-lift hinges.
- 3) Door bottom requires a flush level sealing surface. The threshold must be level and may require shimming to compensate for an uneven floor. This will prevent any sound leaks at this location. Threshold to be grouted solid.
- 4) Assembly is equipped with metal sound door, frame, seals, door bottom, threshold, Gravity Glide cam - lift hinges and crated for shipment.
- 5) Door Thickness is 1 3/4". Door weight is 8.4 pounds per square foot. Be aware that the frame must be securely tied to the framing from the sub floor to the structure above. Doubled wood studs or 16 Ga. steel studs are strongly recommended to support the weight of the assembly.
- 6) Doors are to be formed of no less than 16 Gauge steel face sheets continuously welded at the vertical edges and finished smooth.
- 7) Frames are to be formed of no less than 14 Gauge sheet steel with corners mitered, continuously welded and ground smooth.
- 8) Doors and frame are commercial quality zinc coated steel conforming to ASTM A653 & ASTM A924. Acoustic core and internal construction is manufacturer's proprietary standards as tested in accordance with ASTM E90, E413, E1332, & E2235 to furnish the STC rating specified.
- 9) Frames must be fully grouted.
- 10) Please be aware industry standard construction tolerances for squareness of frame installation, plumbness of walls, flatness of floors, etc. may result in a difference of 3db-5db sound loss in a field test vs. lab results.
- 11) Please reference www.cecodoor.com for installation instructions.

Sound-Tech Xpress Door System Options

DOORS TESTED = 3'0"x7'0", 16 gauge, flush, single

FRAMES TESTED = 3'0"x7'0", 14 gauge, welded, grouted

Tested assembly includes the following-
Sound tight door and frame assemblies, perimeter seals, retainer, cam lift hinges, door bottom, threshold and acoustical astragal (at pairs).

Additional Notes:

- 1) Pairs available - Potential sound loss = 5 STC points
- 2) Visions available - Potential sound loss = 2 STC points for narrow visions. Up to 300 square inches. Larger visions may result in additional sound loss.
- 3) Increased opening sizes available. Potential sound loss may or may not occur as size increases.
- 4) Assembly was fitted with cylindrical lock. Preparations for alternate hardware is allowed, however, sound loss may or may not occur.
- 5) Sound assemblies are tested as complete assemblies. Sound degradation may occur with the use of an existing door or frame.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



11/18/19

ASSA ABLOY 1-3/4" Sound-Tech Xpress

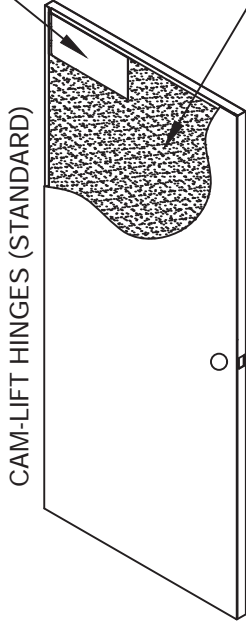
STC 47-49 (Flush Singles)

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, BOTTOM SEALS, GRAVITY GLIDE CAM-LIFT HINGES
 AND THRESHOLD AS REQUIRED FOR RATING.

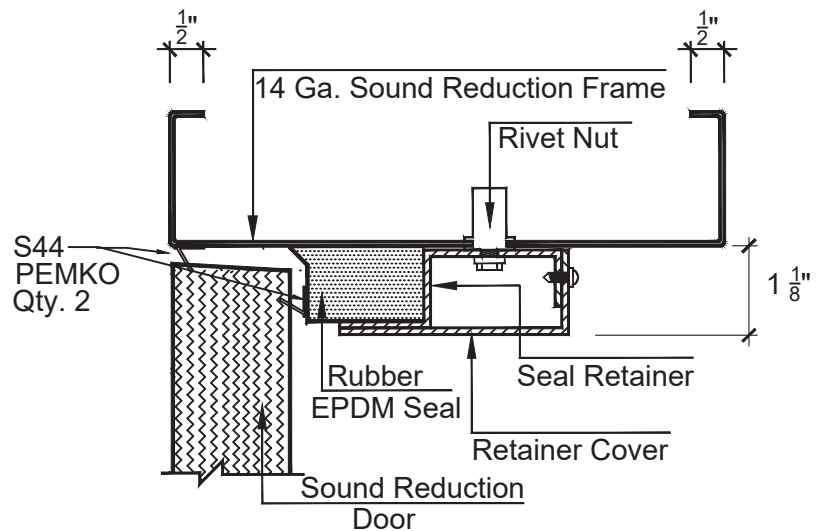
*The Required Core Will Be Provided
 To Achieve The Rating Needed.
 Appropriate Acoustical Seal Sets
 Are Provided With Each STC Rated
 Assembly.*

OPTIONAL
 SURFACE MOUNTED
 CLOSER REINFORCEMENT

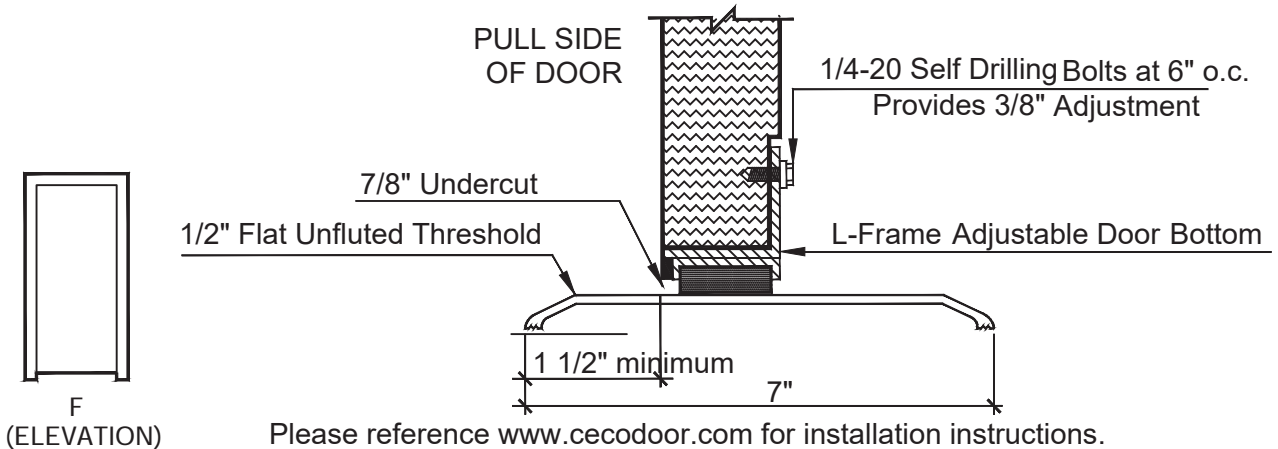
REVOLUTIONARY SOUND
 ABSORPTION CORE STC 49



**MODEL AS49C UTILIZES "ADJ" PROFILE FRAME
 (SEAL SET RCG FOR SINGLES AND RCGP FOR PAIRS)**



DOOR DESIGN



Please reference www.cecodoor.com for installation instructions.

Suggested Uses:

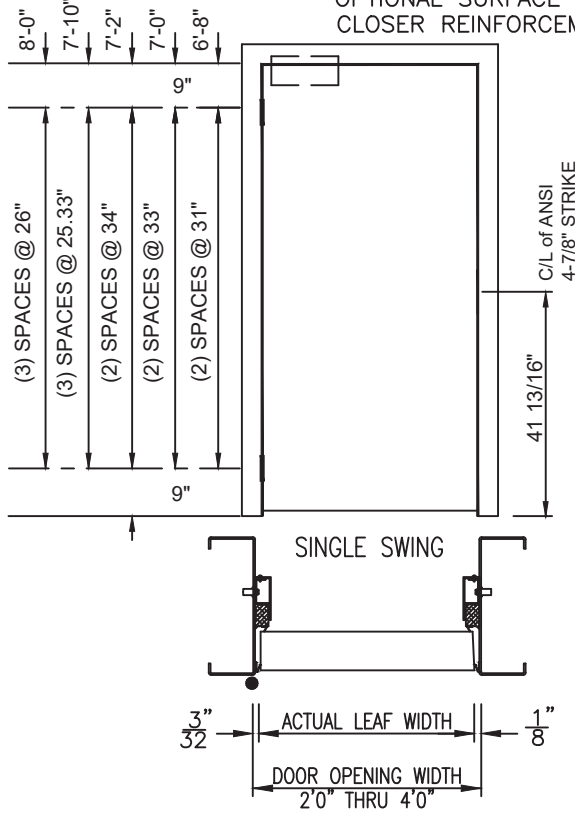
- Conference Rooms, Clinical Offices, Courtrooms, Legal Offices, Broadcast Studios, Boardrooms, Libraries, Music Rooms, and Performing Arts Studios, Hotel/Motel, and Military Barracks.

D12T-1

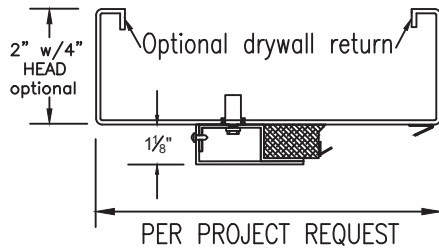
10/16/19

D12T-2

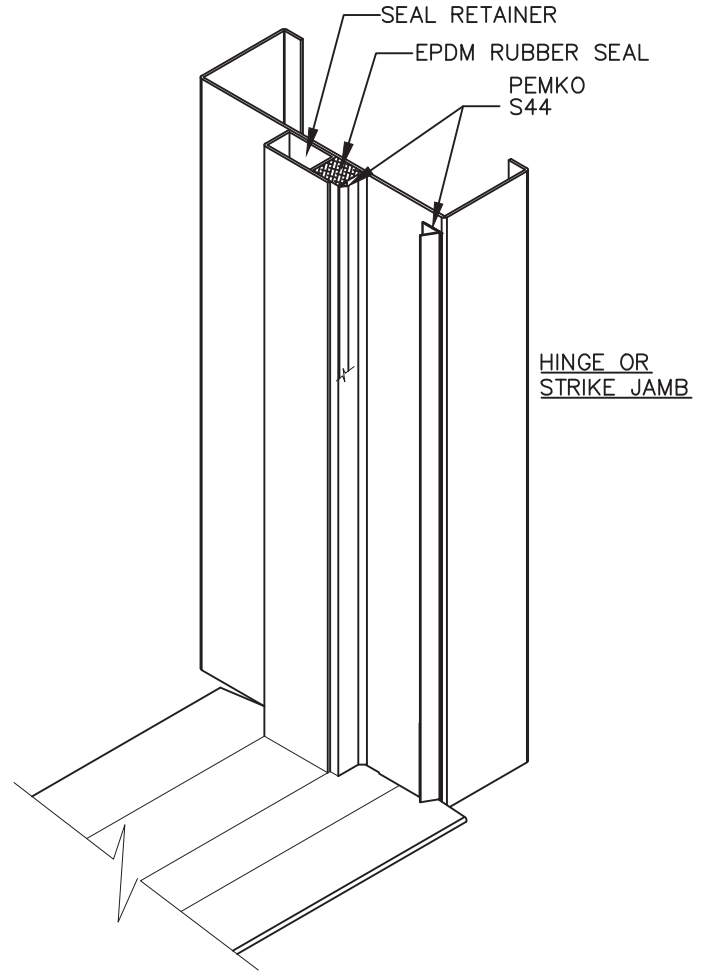
OPTIONAL SURFACE MOUNTED
CLOSER REINFORCEMENT



HORIZONTAL SECTION

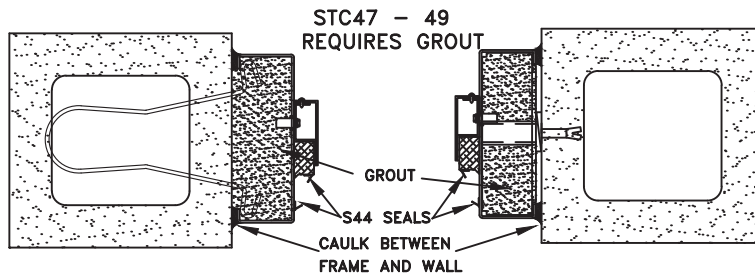


PROFILE AS49C



**ADJ PROFILE FOR MODEL AS49C
(SEAL SET RCG)**

SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



DRAWING DEPICTS INSTALLATION.
PROFILES, SEALS AND ANCHORS MAY VARY.

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.

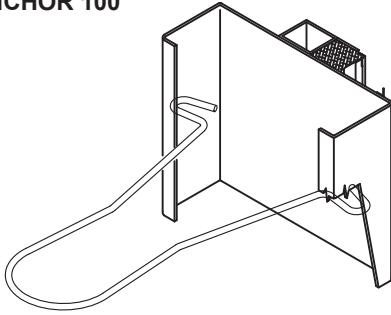
(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

10/16/19



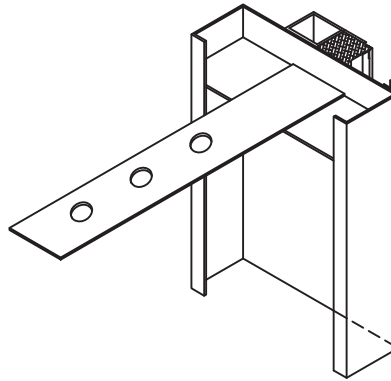
D12T-3

MASONRY WIRE ANCHOR 100

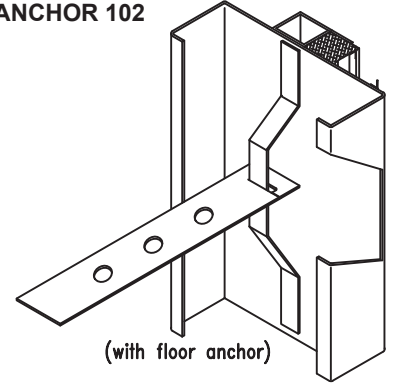


(with floor anchor)

MASONRY "T" ANCHOR 101



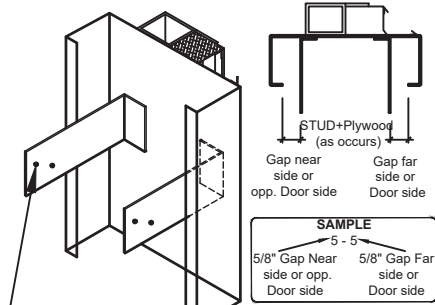
MASONRY STRAP ANCHOR 102



(with floor anchor)

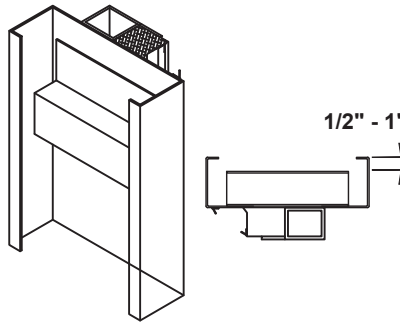
ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH AND PROFILE

WOOD STUD ANCHOR 400



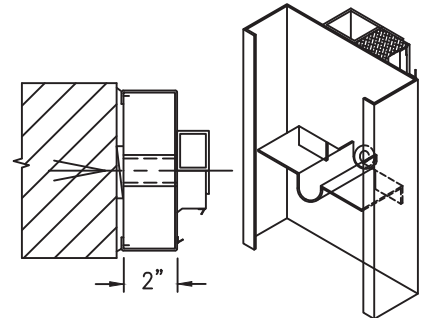
3/16" Hole In Straps
 For #8 Screw Or 8d Nail @ 24"
 O.C. max at Straps (with floor anchor)

STEEL STUD ANCHOR 204

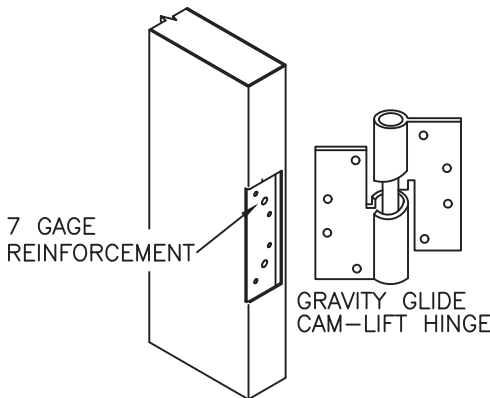


(with floor anchor)

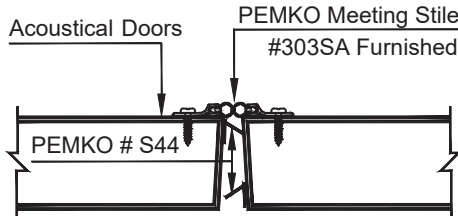
EXISTING WALL ANCHOR 301



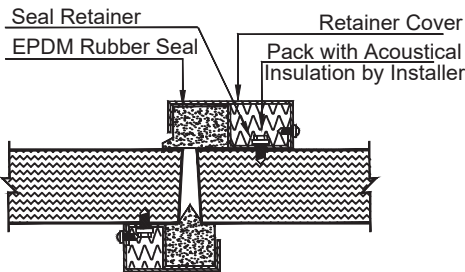
HINGE PREPARATION (HINGE PREP. IS HANDED)



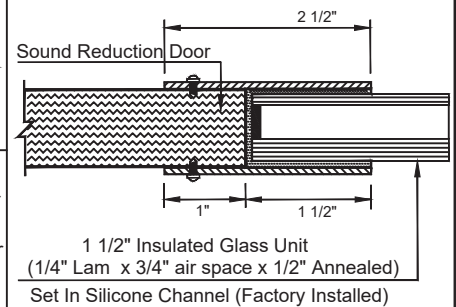
BL ASTRAGAL (Both leaf active)



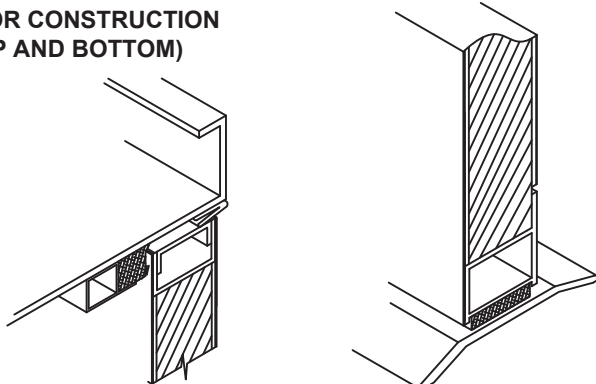
IL ASTRAGAL (Single leaf active)



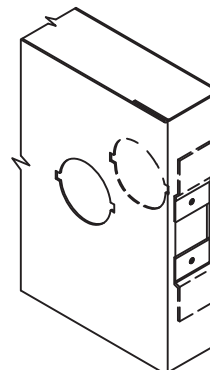
IGU 20 DOOR VISION



DOOR CONSTRUCTION (TOP AND BOTTOM)



LOCK PREPARATIONS



CYLINDRICAL ANSI A115.2 BACKSET 3-3/4" REQUIRED
 CYLINDRICAL & MORTISE DEADLOCK (optional)



10/16/19

D12T-4

**STANDARD SIZES
NOMINAL DOOR OPENING**

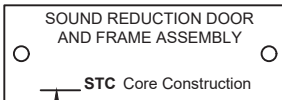
WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

(Custom sizes available upon request.)

ACOUSTICAL FIRE DOORS

FIRE RATING NOT AVAILABLE

**ACOUSTIC DOOR
SYSTEM LABELS**



Specified lab STC rating shown here

SPECIFICATIONS

- 1) All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint complying with ASTM A250.10
- 2) An aluminum threshold is included. Threshold must protrude 1 1/2" inches past the face of the frame on the pull side of the door to allow the EPDM rubber section of the door bottom to seat properly during normal operation of the Gravity-Glide cam-lift hinges.
- 3) Door bottom requires a flush level sealing surface. The threshold must be level and may require shimming to compensate for an uneven floor. This will prevent any sound leaks at this location. Threshold to be grouted solid.
- 4) Assembly is equipped with metal sound door, frame, seals, door bottom, threshold, Gravity Glide cam - lift hinges and crated for shipment.
- 5) Door Thickness is 1 3/4". Door weight is 11.9 pounds per square foot. Be aware that the frame must be securely tied to the framing from the sub floor to the structure above. Doubled wood studs or 16 Ga. steel studs are strongly recommended to support the weight of the assembly.
- 6) Doors are to be formed of no less than 16 Gauge steel face sheets continuously welded at the vertical edges and finished smooth.
- 7) Frames are to be formed of no less than 14 Gauge sheet steel with corners mitered, continuously welded and ground smooth.
- 8) Doors and frame are commercial quality zinc coated steel conforming to ASTM A653 & ASTM A924. Acoustic core and internal construction is manufacturer's proprietary standards as tested in accordance with ASTM E90, E413, E1332, & E2235 to furnish the STC rating specified.
- 9) Frames must be fully grouted.
- 10) Please be aware industry standard construction tolerances for squareness of frame installation, plumbness of walls, flatness of floors, etc. may result in a difference of 3db-5db sound loss in a field test vs. lab results.
- 11) Please reference www.cecodoor.com for installation instructions.

Sound-Tech Xpress Door System Options

DOORS TESTED = 3'0"x7'0", 16 gauge, flush, single

FRAMES TESTED = 3'0"x7'0", 14 gauge, welded, grouted

Tested assembly includes the following-

Sound tight door and frame assemblies, perimeter seals, retainer, cam lift hinges, door bottom, threshold and acoustical astragal (at pairs).

Additional Notes:

- 1) Pairs available - Potential sound loss = 5 STC points
- 2) Visions available - Potential sound loss = 2 STC points for narrow visions. Up to 300 square inches. Larger visions may result in additional sound loss.
- 3) Increased opening sizes available. Potential sound loss may or may not occur as size increases.
- 4) Assembly was fitted with cylindrical lock. Preparations for alternate hardware is allowed, however, sound loss may or may not occur.
- 5) Sound assemblies are tested as complete assemblies. Sound degradation may occur with the use of an existing door or frame.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



11/18/19

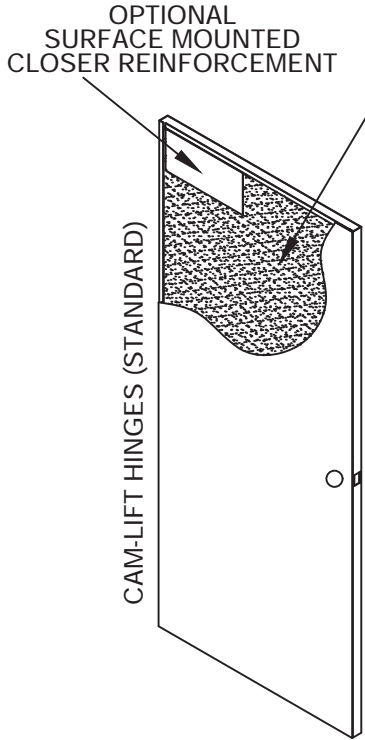
ASSA ABLOY 1-3/4" Sound-Tech Xpress

STC 50-52 (Flush Singles)

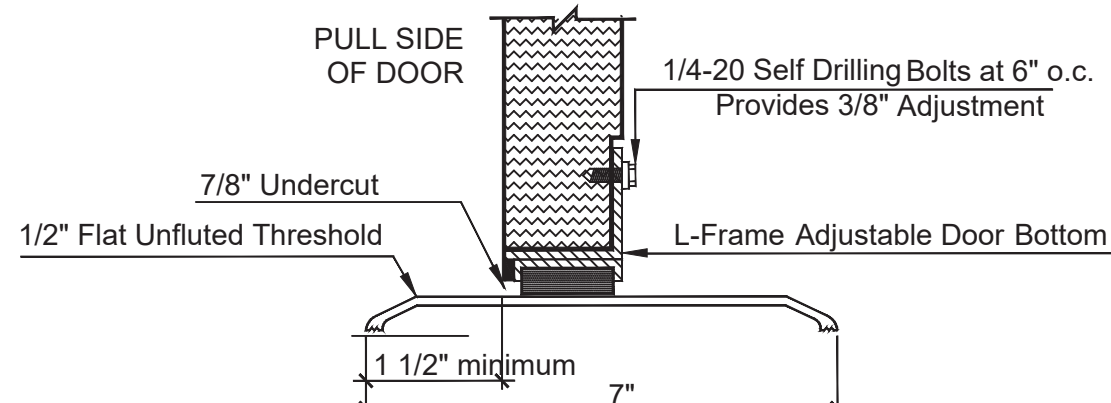
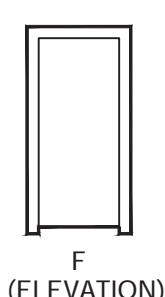
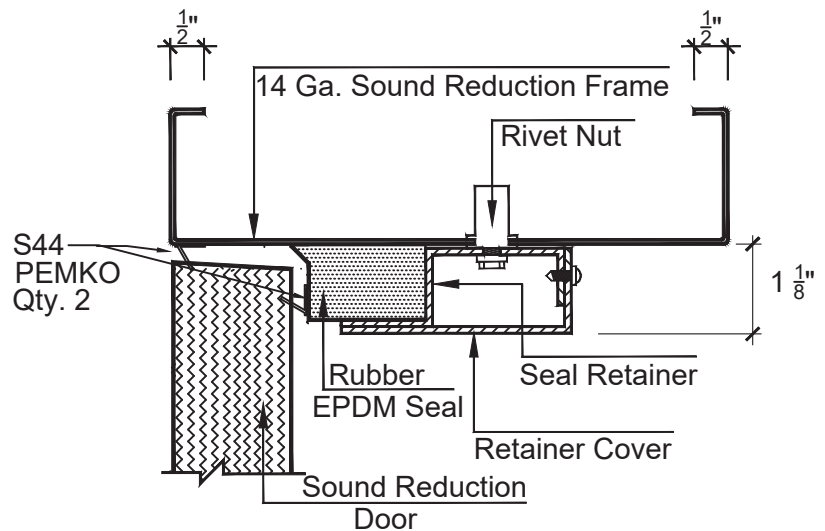
TESTED AND IN COMPLIANCE WITH ASTM E90, ASTM E413, ASTM E1332, & ASTM E2235.
 DOOR SYSTEMS ARE IN COMPLIANCE WITH HMMA 865 & SDI-128 SPECIFICATIONS.
 COMPLETE WITH PERIMETER SOUND SEALS, BOTTOM SEALS, GRAVITY GLIDE CAM-LIFT HINGES
 AND THRESHOLD AS REQUIRED FOR RATING.

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

**MODEL AS52C UTILIZES "ADJ" PROFILE FRAME
 (SEAL SET RCG FOR SINGLES, RCGP FOR PAIRS)**



DOOR DESIGN



Please reference www.cecodoor.com for installation instructions.

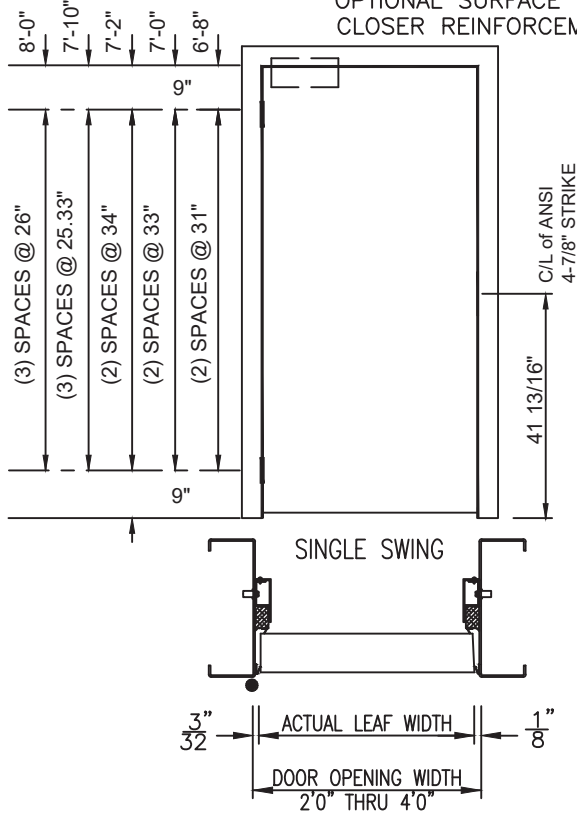
Suggested Uses:
 Conference Rooms, Clinical
 Offices, Courtrooms, Legal Offices,
 Broadcast Studios, Boardrooms,
 Libraries, Music Rooms, and
 Performing Arts Studios, Hotel/Motel,
 and Military Barracks.

D12U-1

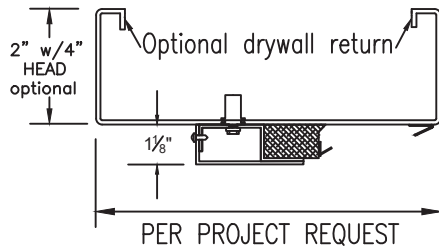
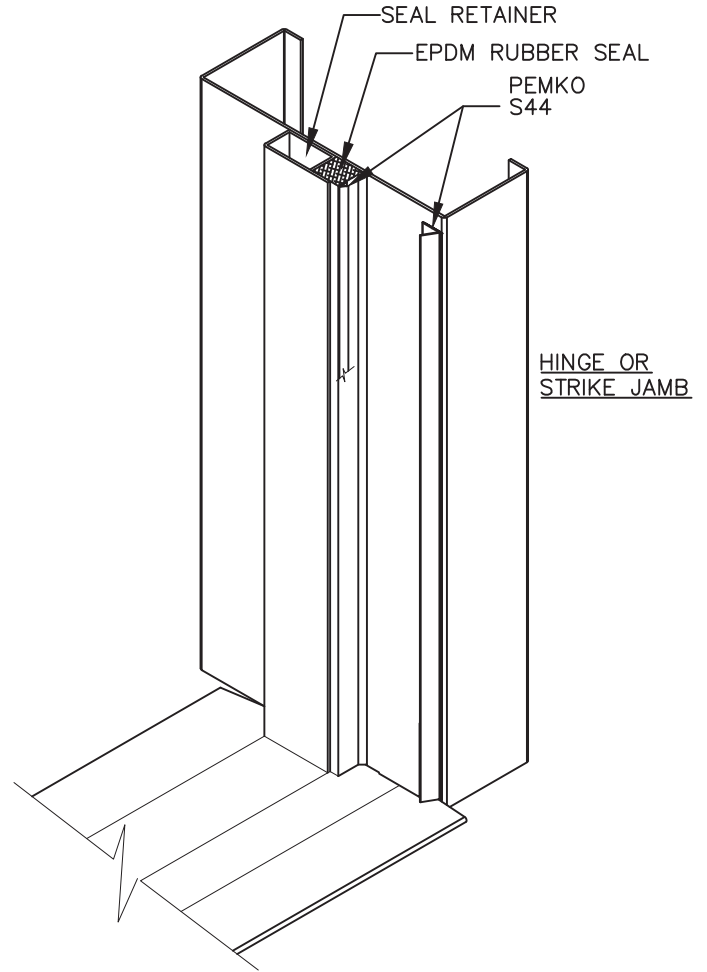
10/16/19

D12U-2

OPTIONAL SURFACE MOUNTED
CLOSER REINFORCEMENT



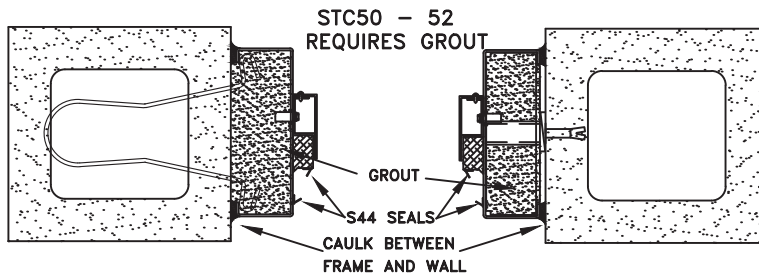
HORIZONTAL SECTION



PROFILE AS52C

**ADJ PROFILE FOR MODEL AS52C
(SEAL SET RCG)**

SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



DRAWING DEPICTS INSTALLATION.
PROFILES, SEALS AND ANCHORS MAY VARY.

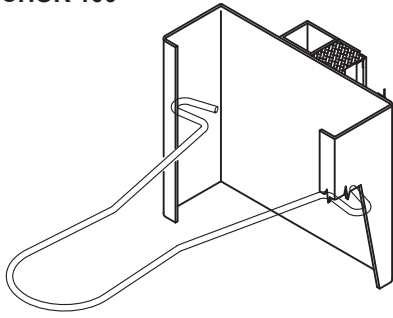
It is important that acoustic door systems be properly installed and sealed into the wall to prevent "flanking noise". Acoustical systems are furnished with specific detailed sound seal installation instructions.

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

10/16/19

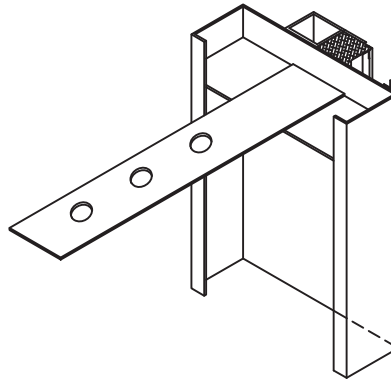
D12U-3

MASONRY WIRE ANCHOR 100

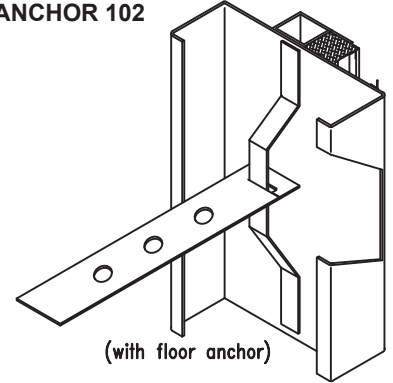


(with floor anchor)

MASONRY "T" ANCHOR 101



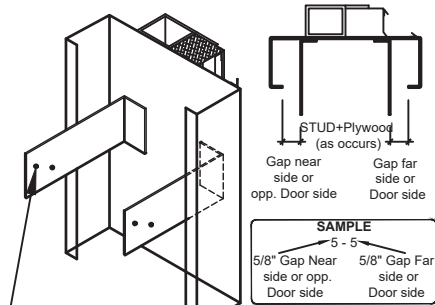
MASONRY STRAP ANCHOR 102



(with floor anchor)

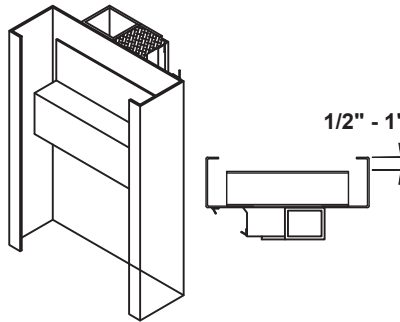
ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH AND PROFILE

WOOD STUD ANCHOR 400



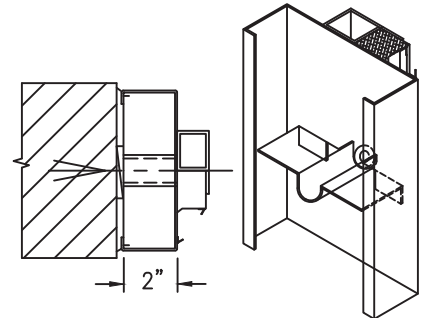
3/16" Hole In Straps
For #8 Screw Or 8d Nail @ 24"
O.C. max at Straps (with floor anchor)

STEEL STUD ANCHOR 204

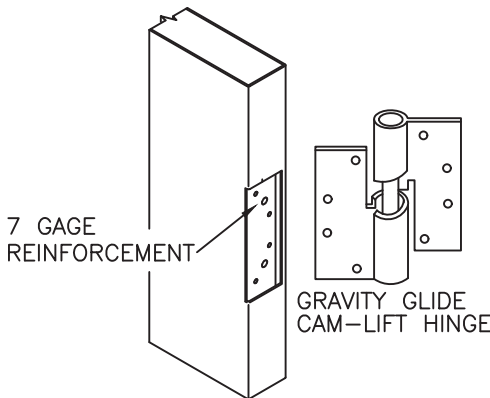


(with floor anchor)

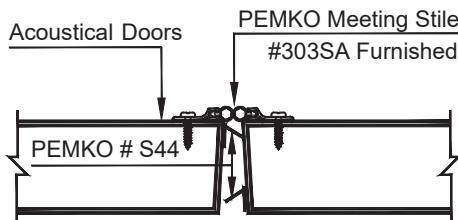
EXISTING WALL ANCHOR 301



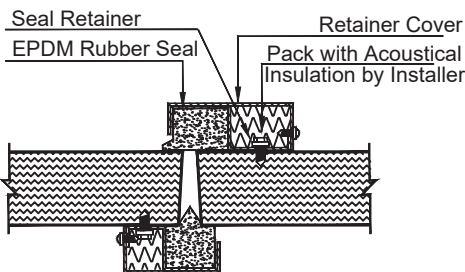
HINGE PREPARATION (HINGE PREP. IS HANDED)



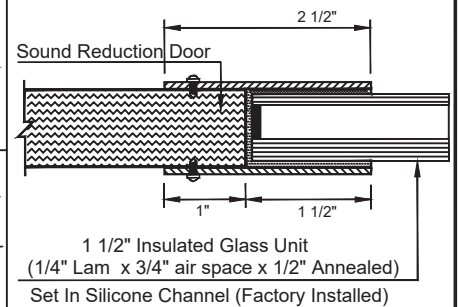
BL ASTRAGAL (Both leaf active)



IL ASTRAGAL (Single leaf active)

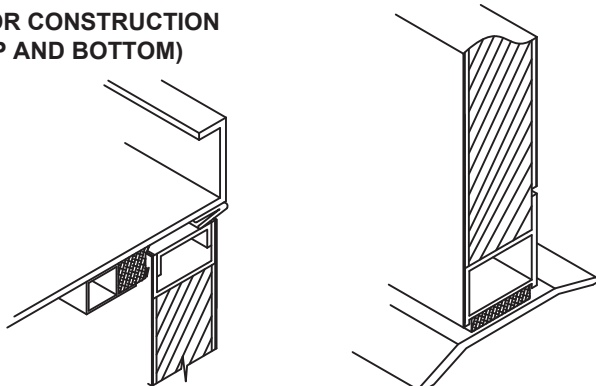


IGU 20 DOOR VISION



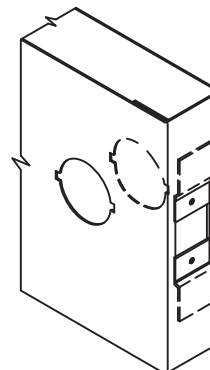
1 1/2" Insulated Glass Unit
(1/4" Lam x 3/4" air space x 1/2" Annealed)
Set In Silicone Channel (Factory Installed)

DOOR CONSTRUCTION (TOP AND BOTTOM)



THRESHOLD

LOCK PREPARATIONS



CYLINDRICAL
ANSI A115.2
BACKSET
3-3/4" REQUIRED
CYLINDRICAL &
MORTISE DEADLOCK
(optional)

10/16/19

D12U-4

**STANDARD SIZES
NOMINAL DOOR OPENING**

WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

(Custom sizes available upon request.)

ACOUSTICAL FIRE DOORS

FIRE RATING NOT AVAILABLE

SOUND REDUCTION DOOR AND FRAME ASSEMBLY

STC Core Construction

Specified lab STC rating shown here

SPECIFICATIONS

- 1) All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint complying with ASTM A250.10
- 2) An aluminum threshold is included. Threshold must protrude 1 1/2" inches past the face of the frame on the pull side of the door to allow the EPDM rubber section of the door bottom to seat properly during normal operation of the Gravity-Glide cam-lift hinges.
- 3) Door bottom requires a flush level sealing surface. The threshold must be level and may require shimming to compensate for an uneven floor. This will prevent any sound leaks at this location. Threshold to be grouted solid.
- 4) Assembly is equipped with metal sound door, frame, seals, door bottom, threshold, Gravity Glide cam - lift hinges and crated for shipment.
- 5) Door Thickness is 1 3/4". Door weight is 11.9 pounds per square foot. Be aware that the frame must be securely tied to the framing from the sub floor to the structure above. Doubled wood studs or 16 Ga. steel studs are strongly recommended to support the weight of the assembly.
- 6) Doors are to be formed of no less than 16 Gauge steel face sheets continuously welded at the vertical edges and finished smooth.
- 7) Frames are to be formed of no less than 14 Gauge sheet steel with corners mitered, continuously welded and ground smooth.
- 8) Doors and frame are commercial quality zinc coated steel conforming to ASTM A653 & ASTM A924. Acoustic core and internal construction is manufacturer's proprietary standards as tested in accordance with ASTM E90, E413, E1332, & E2235 to furnish the STC rating specified.
- 9) Frames must be fully grouted.
- 10) Please be aware industry standard construction tolerances for squareness of frame installation, plumbness of walls, flatness of floors, etc. may result in a difference of 3db-5db sound loss in a field test vs. lab results.
- 11) Please reference www.cecodoor.com for installation instructions.

Sound-Tech Xpress Door System Options

DOORS TESTED = 3'0"x7'0", 16 gauge, flush, single

FRAMES TESTED = 3'0"x7'0", 14 gauge, welded, grouted

Tested assembly includes the following-

Sound tight door and frame assemblies, perimeter seals, retainer, cam lift hinges, door bottom, threshold and acoustical astragal (at pairs).

Additional Notes:

- 1) Pairs available - Potential sound loss = 5 STC points
- 2) Visions available - Potential sound loss = 2 STC points for narrow visions. Up to 300 square inches. Larger visions may result in additional sound loss.
- 3) Increased opening sizes available. Potential sound loss may or may not occur as size increases.
- 4) Assembly was fitted with cylindrical lock. Preparations for alternate hardware is allowed, however, sound loss may or may not occur.
- 5) Sound assemblies are tested as complete assemblies. Sound degradation may occur with the use of an existing door or frame.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



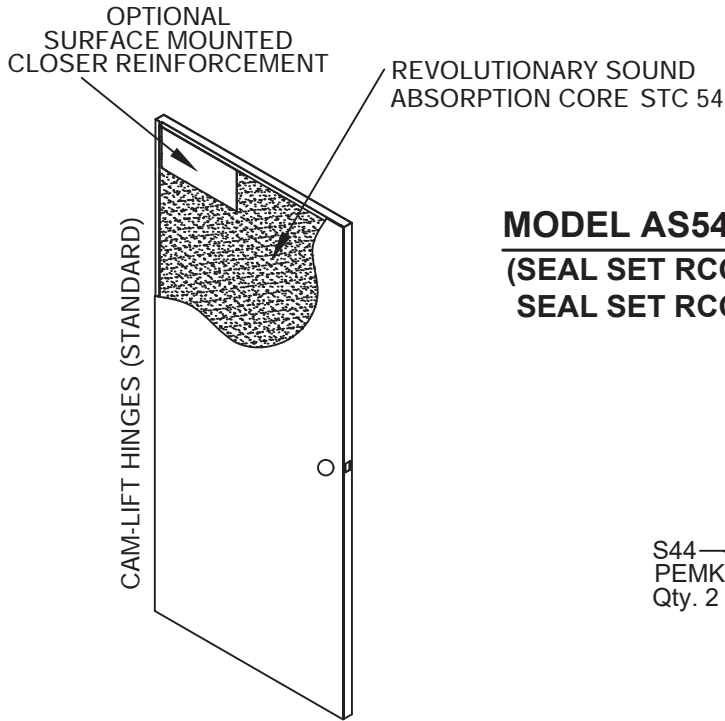
11/18/19

ASSA ABLOY 1-3/4" Sound-Tech Xpress

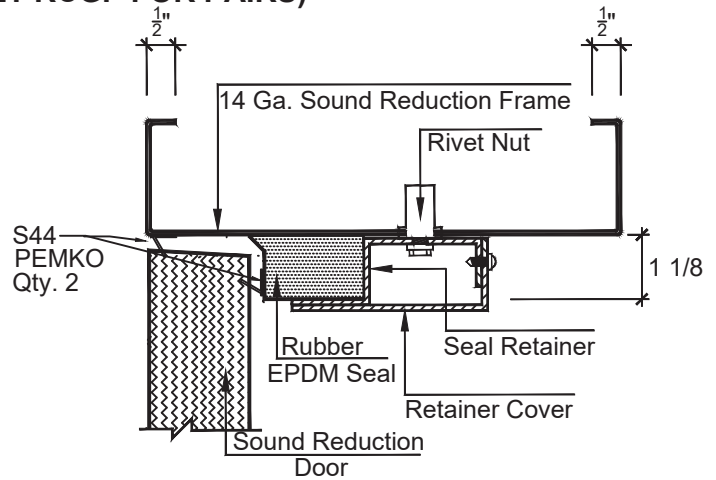
STC 53-54 (Flush Singles)

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, BOTTOM SEALS, GRAVITY GLIDE CAM-LIFT HINGES
 AND THRESHOLD AS REQUIRED FOR RATING.

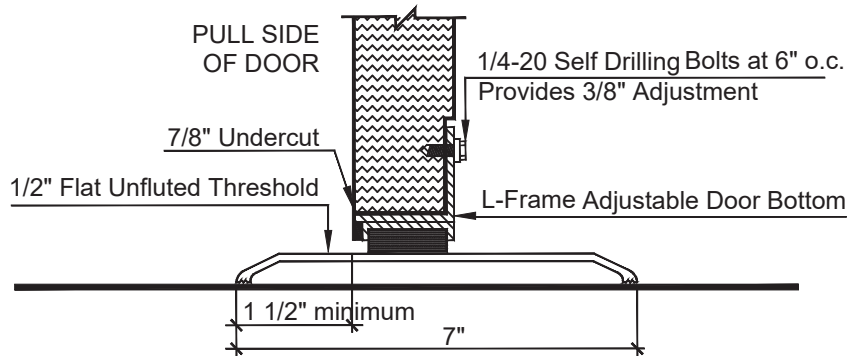
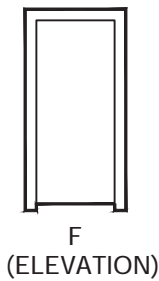
The Required Core Will Be Provided To Achieve The Rating Needed. Appropriate Acoustical Seal Sets Are Provided With Each STC Rated Assembly.



MODEL AS54C UTILIZES "ADJ" PROFILE FRAME
(SEAL SET RCG FOR SINGLES, (STANDARD FRAME NOT AVAILABLE)
SEAL SET RCGP FOR PAIRS)



DOOR DESIGN



Please reference www.cecodoor.com for installation instructions.

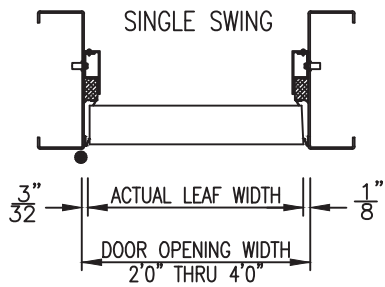
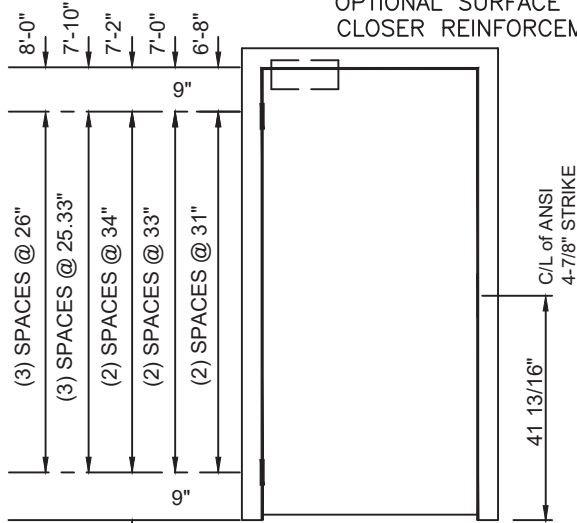
*Suggested Uses:
 Conference Rooms, Clinical
 Offices, Courtrooms, Legal Offices,
 Broadcast Studios, Boardrooms,
 Libraries, Music Rooms, and
 Performing Arts Studios, Hotel/Motel,
 and Military Barracks.*

D12V-1

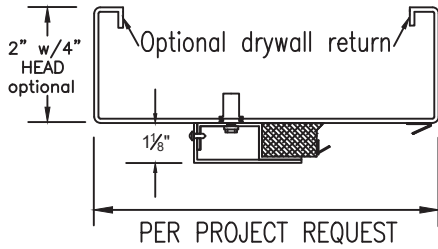
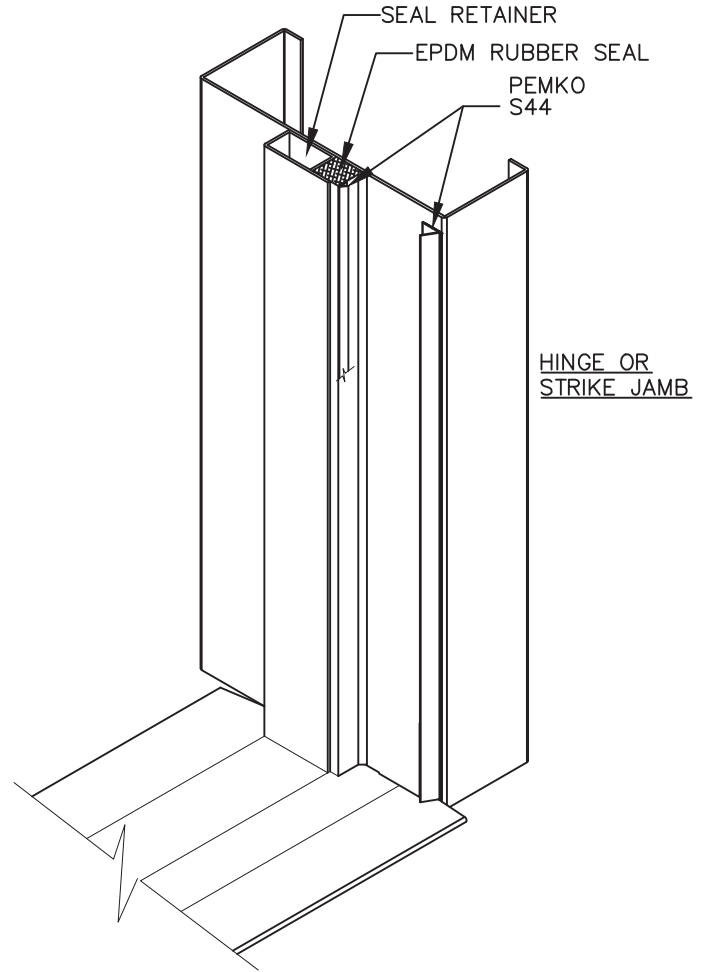
10/16/19

D12V-2

OPTIONAL SURFACE MOUNTED
CLOSER REINFORCEMENT

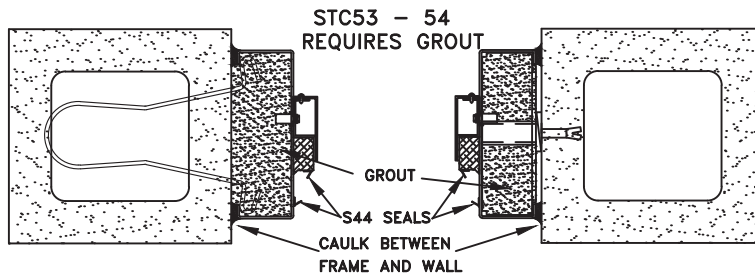


HORIZONTAL SECTION



**ADJ PROFILE FOR MODEL AS54C ADJ PROFILE
(SEAL SET RCG)**

SOME COMMON MASONRY APPLICATIONS SHOWN BELOW



DRAWING DEPICTS INSTALLATION.
PROFILES, SEALS AND ANCHORS MAY VARY.

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)

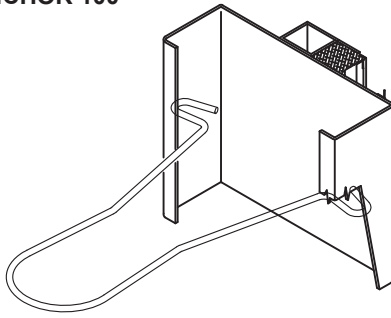
10/16/19



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and more open world

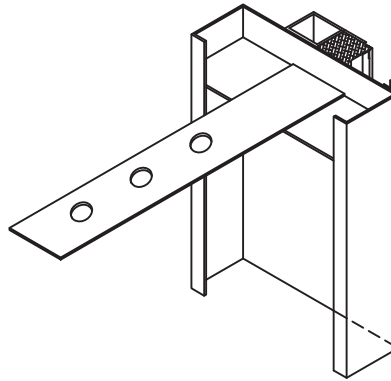
D12V-3

MASONRY WIRE ANCHOR 100

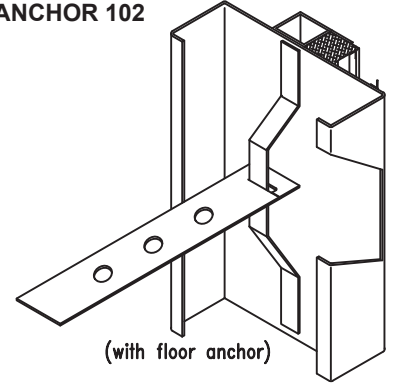


(with floor anchor)

MASONRY "T" ANCHOR 101



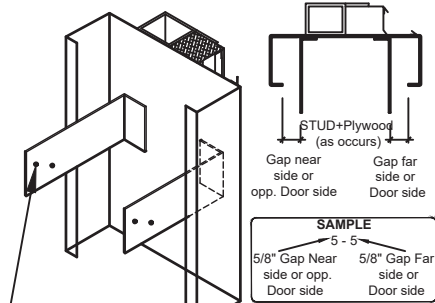
MASONRY STRAP ANCHOR 102



(with floor anchor)

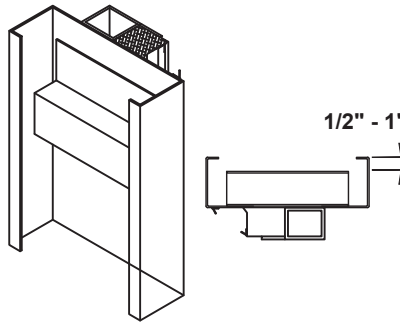
ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH AND PROFILE

WOOD STUD ANCHOR 400



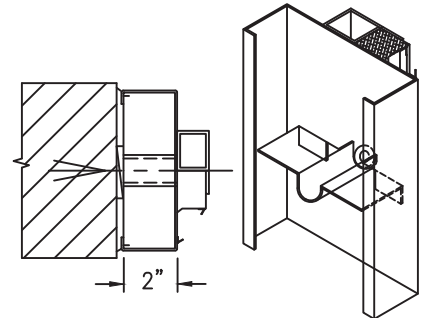
3/16" Hole In Straps
For #8 Screw Or 8d Nail @ 24"
O.C. max at Straps (with floor anchor)

STEEL STUD ANCHOR 204

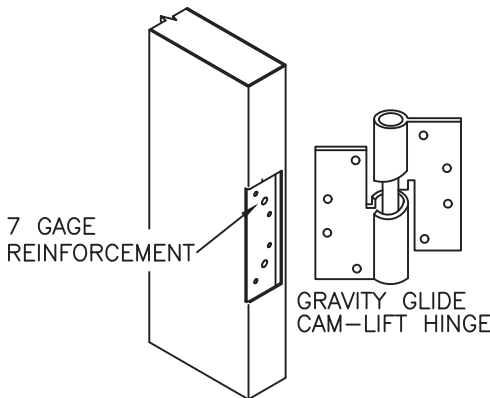


(with floor anchor)

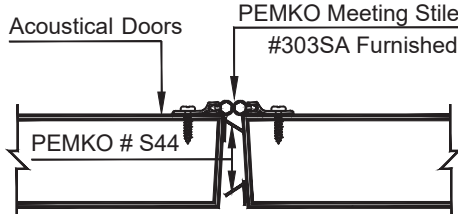
EXISTING WALL ANCHOR 301



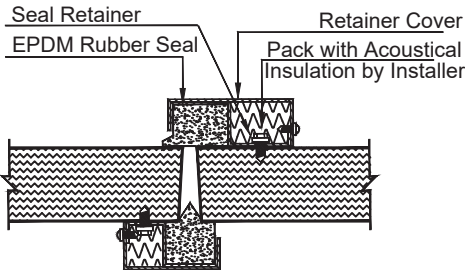
HINGE PREPARATION (HINGE PREP. IS HANDED)



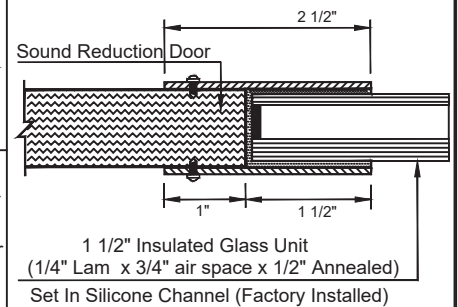
BL ASTRAGAL (Both leaf active)



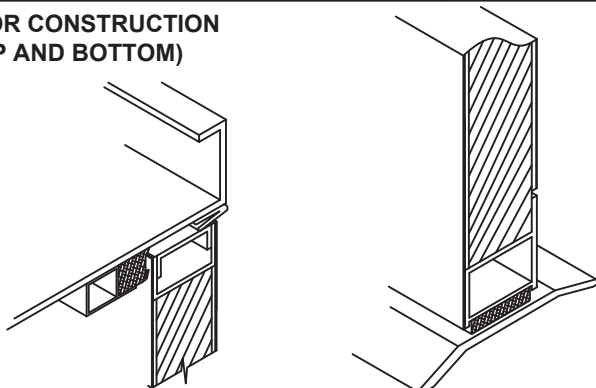
IL ASTRAGAL (Single leaf active)



IGU 20 DOOR VISION



DOOR CONSTRUCTION (TOP AND BOTTOM)



THRESHOLD

LOCK PREPARATIONS

CYLINDRICAL
ANSI A115.2
BACKSET
3-3/4" REQUIRED
CYLINDRICAL &
MORTISE DEADLOCK
(optional)

10/16/19



D12V-4

STANDARD SIZES NOMINAL DOOR OPENING

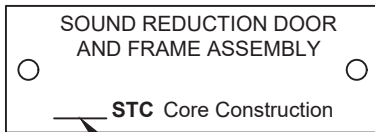
WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

(Custom sizes available upon request.)

ACOUSTICAL FIRE DOORS

FIRE RATING NOT AVAILABLE

ACOUSTIC DOOR SYSTEM LABELS



— SPECIFIED LAB STC RATING SHOWN HERE

SPECIFICATIONS

- 1) All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint complying with ASTM A250.10.
- 2) An aluminum threshold is included. Threshold must protrude 1 1/2" inches past the face of the frame on the pull side of the door to allow the EPDM rubber section of the door bottom to seat properly during normal operation of the Gravity-Glide cam-lift hinges.
- 3) Door bottom requires a flush level sealing surface. The threshold must be level and may require shimming to compensate for an uneven floor. This will prevent any sound leaks at this location. Threshold to be grouted solid.
- 4) Assembly is equipped with metal sound door, frame, seals, door bottom, threshold, Gravity Glide cam - lift hinges and crated for shipment.
- 5) Door Thickness is 1 3/4". Door weight is 11.9 pounds per square foot. Be aware that the frame must be securely tied to the framing from the sub floor to the structure above. Doubled wood studs or 16 Ga. steel studs are strongly recommended to support the weight of the assembly.
- 6) Doors are to be formed of no less than 16 Gauge steel face sheets continuously welded at the vertical edges and finished smooth.
- 7) Frames are to be formed of no less than 14 Gauge sheet steel with corners mitered, continuously welded and ground smooth.
- 8) Doors and frames are formed from commercial quality zinc coated steel conforming to ASTM A653 & ASTM A924. Acoustical core and internal construction are manufacturer's proprietary standards as tested in accordance with ASTM E90, E413, E1332, & E2235.
- 9) Frames must be fully grouted.
- 10) Please be aware industry standard construction tolerances for squareness of frame installation, plumbness of walls, flatness of floors, etc. may result in a difference of 3db-5db sound loss in a field test vs. lab results.
- 11) Please reference www.cecodoor.com for installation instructions.

Sound-Tech Xpress Door System Options

DOORS TESTED = 3'0"x7'0", 16 gauge, flush, single

FRAMES TESTED = 3'0"x7'0", 14 gauge, welded, grouted

Tested assembly includes the following-

Sound tight door and frame assemblies, perimeter seals, retainer, cam lift hinges, door bottom, threshold and acoustical astragal (at pairs).

Additional Notes:

- 1) Pairs available - Potential sound loss = 5 STC points
- 2) Visions available - Potential sound loss = 2 STC points for narrow visions. Up to 300 square inches. Larger visions may result in additional sound loss.
- 3) Increased opening sizes available. Potential sound loss may or may not occur as size increases.
- 4) Assembly was fitted with cylindrical lock. Preparations for alternate hardware is allowed, however, sound loss may or may not occur.
- 5) Sound assemblies are tested as complete assemblies. Sound degradation may occur with the use of an existing door or frame.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



10/16/19

ASSA ABLOY

1-3/4" Sound-Tech Xpress+

Communicating STC56 thru STC66 (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, BOTTOM SEALS, THRESHOLD AND CAM LIFT HINGES
 AS REQUIRED FOR RATING.

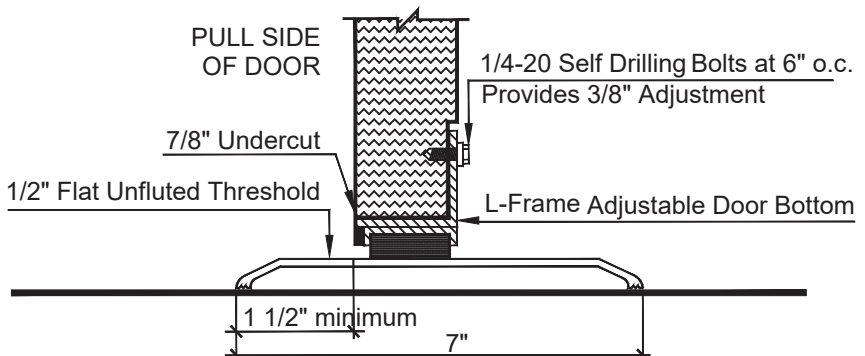
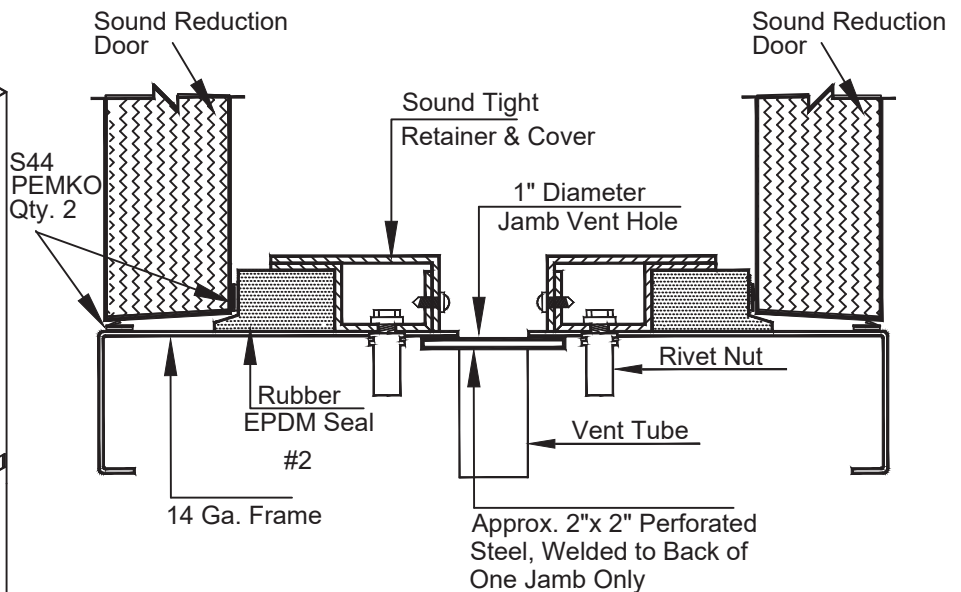
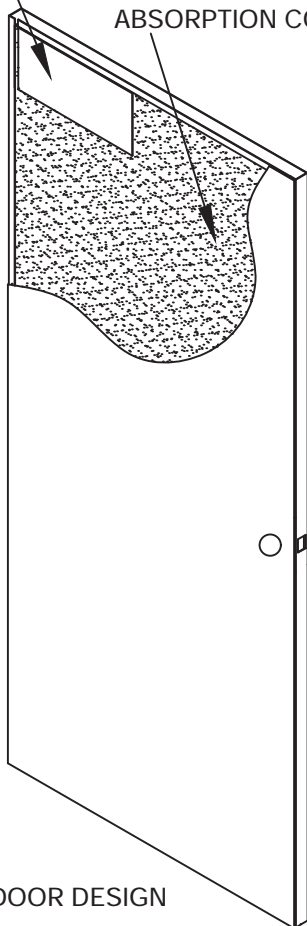
*The Required Core Will Be Provided To Achieve The Rating Needed.
 Appropriate Acoustical Seal Sets Are Provided With Each STC Rated Assembly.*

MODEL AS66C (STANDARD FRAME NOT AVAILABLE) (SEAL SET 66 FOR SINGLES, SEAL SET 66P FOR PAIRS)

D12W-1

OPTIONAL SURFACE MOUNTED
 CLOSER REINFORCEMENT

REVOLUTIONARY SOUND
 ABSORPTION CORE

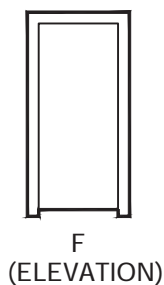


Please reference www.cecodoor.com for installation instructions.

Suggested Uses:

*Conference Rooms, Communicating
 Hotel Rooms, Meeting Rooms,
 Recording Studios, Manufacturing
 Test Cells, and Hearing Impaired
 Test Facilities.*

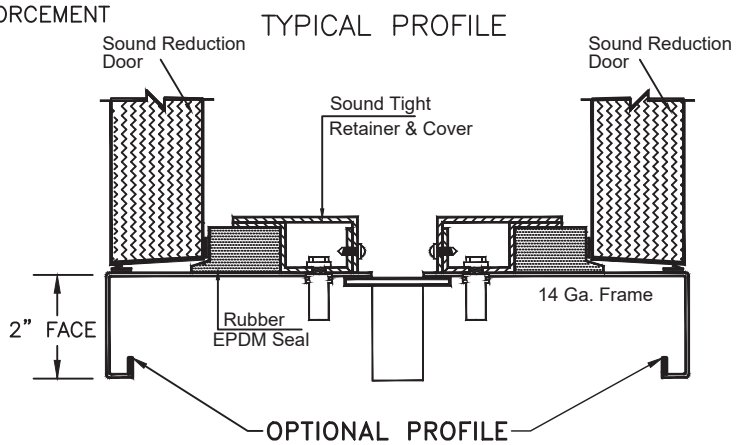
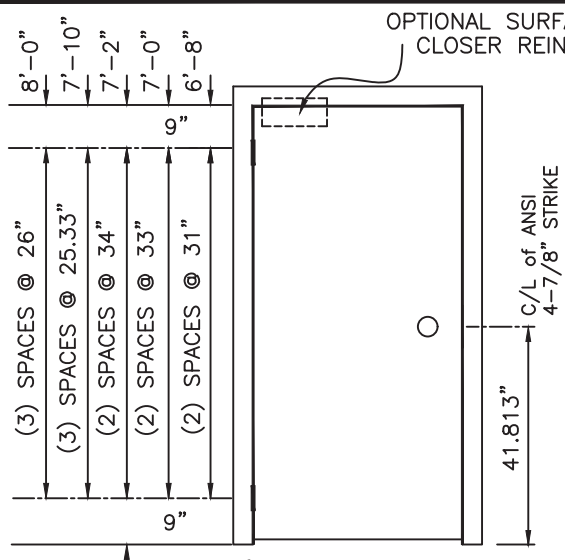
10/16/19



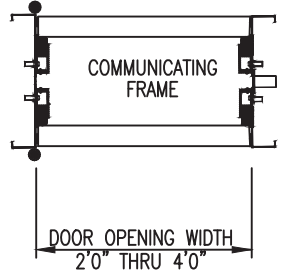
TECH-DATA

Sound-Tech Xpress Door System

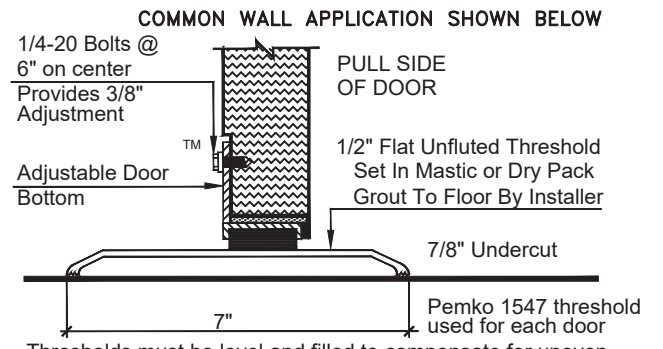
D12W-2



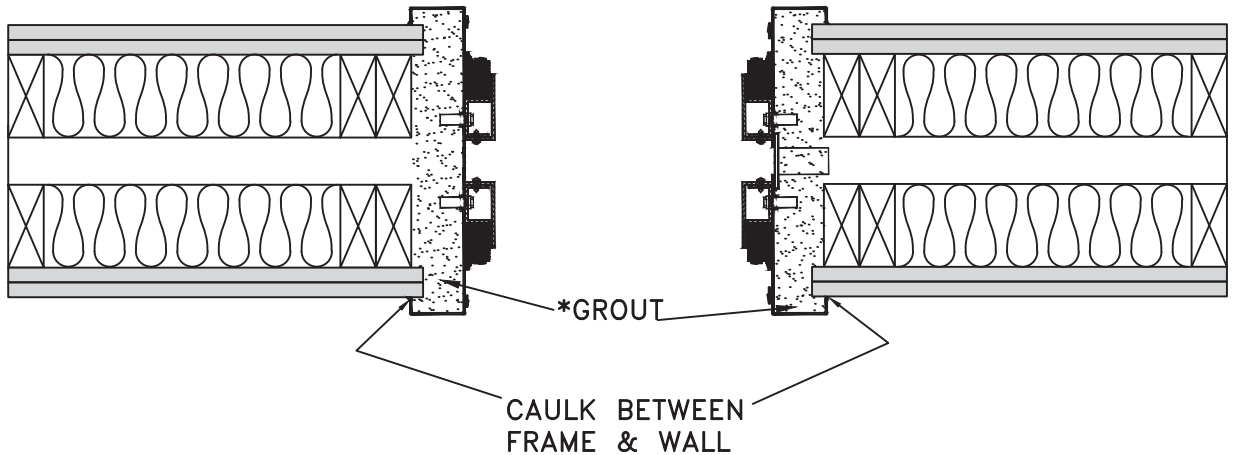
NOTE:
DOORS CAN HINGE ON
SAME JAMB OR HINGE
ON OPPOSITE JAMBS.



HORIZONTAL SECTION



Thresholds must be level and filled to compensate for uneven floors and prevent sound leaks
Thresholds should protrude 1 1/2" past each face of frame, at pull side of door, to allow the EPDM neoprene seal section of the door bottom to seat properly during normal operation with the Gravity Glide hinges. Please specify threshold finish. Available with mill aluminum or dark bronze finish.



STC wall construction varies with STC rating required.
*Installation in stud walls will require grouting prior to installation.

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)

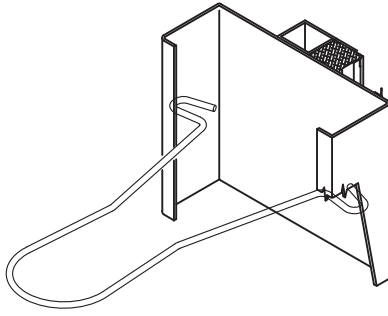
10/16/19

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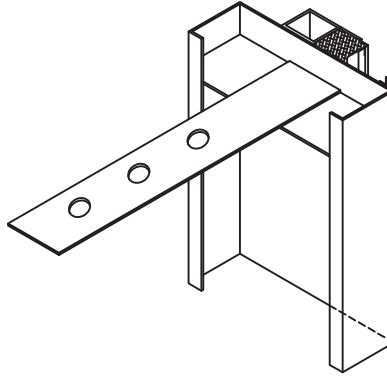
D12W-3

MASONRY WIRE ANCHOR 100

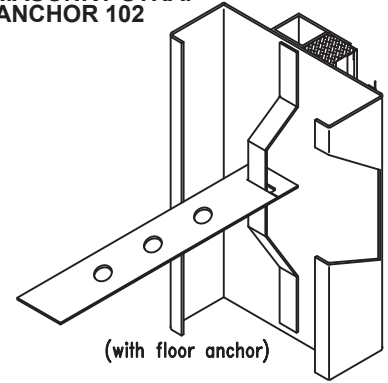


(with floor anchor)

MASONRY "T" ANCHOR 101



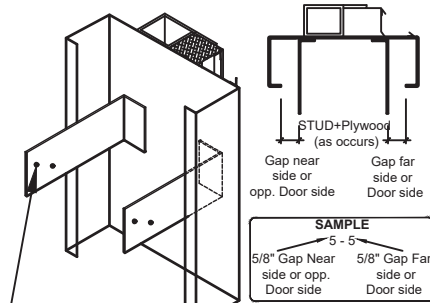
MASONRY STRAP ANCHOR 102



(with floor anchor)

ANCHOR DESIGN MAY VARY DEPENDING ON DEPTH AND PROFILE

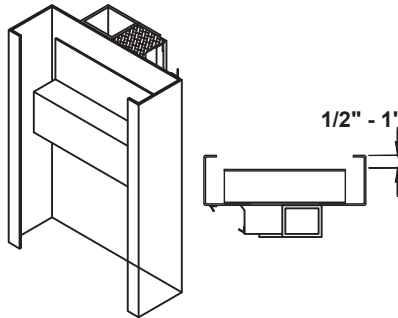
WOOD STUD ANCHOR 400



3/16" Hole In Straps
For #8 Screw Or 8d Nail @ 24"
O.C. max at Straps

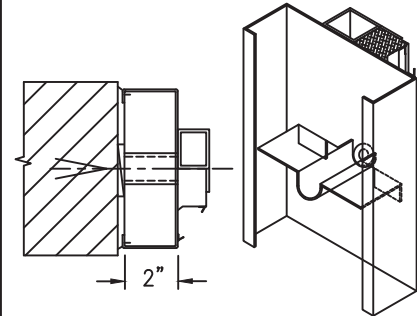
(with floor anchor)

STEEL STUD ANCHOR 204

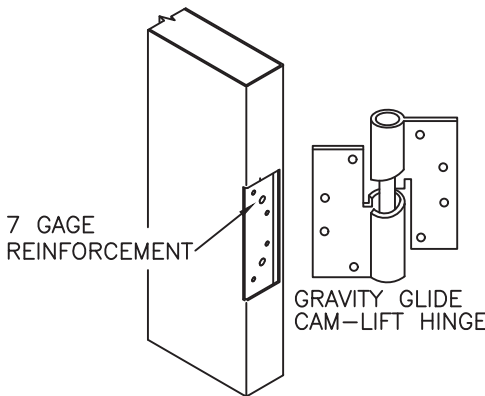


(with floor anchor)

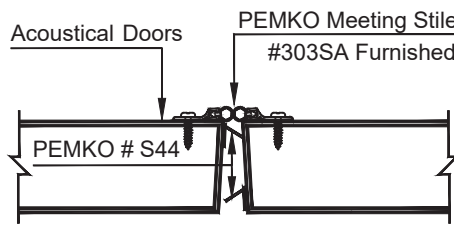
EXISTING WALL ANCHOR 301



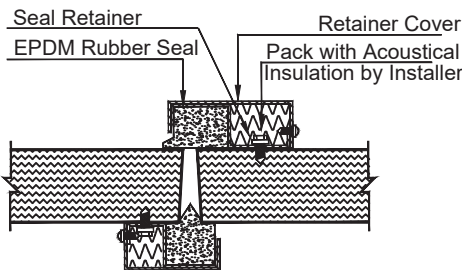
HINGE PREPARATION (HINGE PREP. IS HANDED)



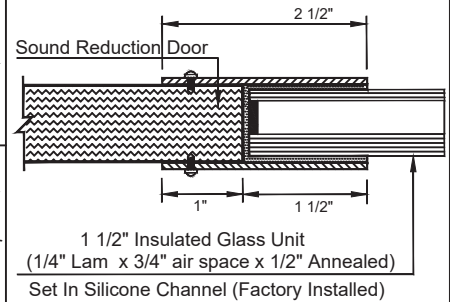
BL ASTRAGAL (Both leaf active)



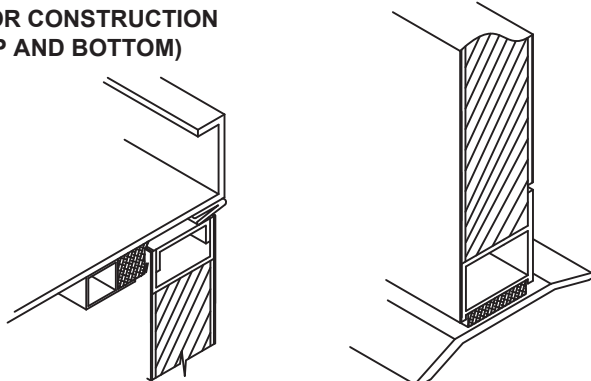
IL ASTRAGAL (Single leaf active)



IGU 20 DOOR VISION



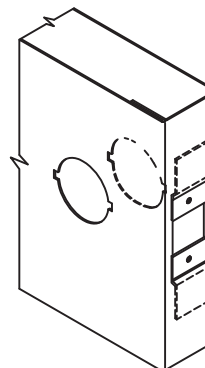
DOOR CONSTRUCTION (TOP AND BOTTOM)



THRESHOLD

LOCK PREPARATIONS

CYLINDRICAL
ANSI A115.2
BACKSET
3-3/4" REQUIRED
CYLINDRICAL &
MORTISE DEADLOCK
(optional)



10/16/19

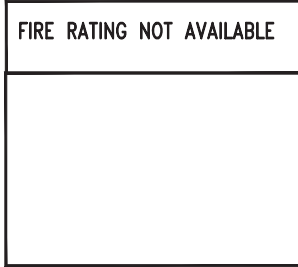
D12W-4

STANDARD SIZES NOMINAL DOOR OPENING

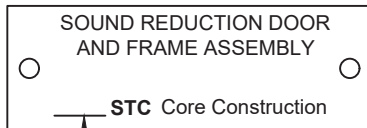
WIDTH	HEIGHT
SINGLE	
2'-0"	6'-8"
2'-4"	7'-0"
2'-6"	7'-2"
2'-8"	7'-10"
3'-0"	8'-0"
3'-4"	
3'-6"	
3'-8"	
4'-0"	

(Custom sizes available upon request.)

ACOUSTICAL FIRE DOORS



ACOUSTIC DOOR SYSTEM LABELS



↑ SPECIFIED LAB STC RATING SHOWN HERE

SPECIFICATIONS

- 1) All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint complying with ASTM A250.10.
- 2) An aluminum threshold is included. Threshold must protrude 1 1/2" inches past the face of the frame on the pull side of the door to allow the EPDM rubber section of the door bottom to seat properly during normal operation of the Gravity-Glide cam-lift hinges.
- 3) Door bottom requires a flush level sealing surface. The threshold must be level and may require shimming to compensate for an uneven floor. This will prevent any sound leaks at this location. Threshold to be grouted solid.
- 4) Assembly is equipped with metal sound door, frame, seals, door bottom, threshold, Gravity Glide cam - lift hinges and crated for shipment.
- 5) Door Thickness is 1 3/4". Door weight is 11.9 pounds per square foot. Be aware that the frame must be securely tied to the framing from the sub floor to the structure above. Doubled wood studs or 16 Ga. steel studs are strongly recommended to support the weight of the assembly.
- 6) Doors are to be formed of no less than 16 Gauge steel face sheets continuously welded at the vertical edges and finished smooth.
- 7) Frames are to be formed of no less than 14 Gauge sheet steel with corners mitered, continuously welded and ground smooth.
- 8) Doors and frames are formed from commercial quality zinc coated steel conforming to ASTM A653 & ASTM A924. Acoustical core and internal construction are manufacturer's proprietary standards as tested in accordance with ASTM E90, E413, E1332, & E2235.
- 9) Frames must be fully grouted.
- 10) Please be aware industry standard construction tolerances for squareness of frame installation, plumbness of walls, flatness of floors, etc. may result in a difference of 3db-5db sound loss in a field test vs. lab results.
- 11) Please reference www.cecodoor.com for installation instructions.

Sound-Tech Xpress Door System Options

DOORS TESTED = 3'0"x7'0", 16 gauge, flush, single

FRAMES TESTED = 3'0"x7'0", 14 gauge, welded, grouted

Tested assembly includes the following-

Sound tight door and frame assemblies, perimeter seals, retainer, cam lift hinges, door bottom, threshold and acoustical astragal (at pairs).

Additional Notes:

- 1) Pairs available - Potential sound loss = 5 STC points
- 2) Visions available - Potential sound loss = 2 STC points for narrow visions. Up to 300 square inches. Larger visions may result in additional sound loss.
- 3) Increased opening sizes available. Potential sound loss may or may not occur as size increases.
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- 5) Sound assemblies are tested as complete assemblies. Sound degradation may occur with the use of an existing door or frame.

OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.

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



10/16/19