

SECTION 08347 – SOUND CONTROL DOORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes sound control doors with STC ratings up to 56.

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions.
- B. Test Reports: Upon request submit certified test reports from recognized test laboratories.
- C. Certificates: Submit manufacturer's certificate that products meet or exceed specified requirements.

1.4 DELIVERY, STORAGE & HANDLING

- A. Delivery: Deliver material in the manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Provide labels indicating brand name, source of procurement, style, size and thickness.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

1.5 WARRANTY

- A. Warranty Period: Two years.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Sound Control Doors:
 - 1. Studio 3D - Noise S.T.O.P. Soundproof Interior Doors by Acoustical Surfaces Inc. (Basis of Design)

ACOUSTICAL SURFACES, INC.
STUDIO 3D - NOISE S.T.O.P. SOUNDPROOF INTERIOR DOORS

- a. 123 Columbia Court North Suite 210.
 - b. Chaska, MN 55318.
 - c. (800) 448 - 0121.
 - d. www.AcousticalSurfaces.com
2. Or equal.

2.2 SOUND CONTROL DOORS

- A. STC ratings: Up to 56 per ASTM E-90.
- B. Door Thickness: 2-3/4" thick, 13 layer composite door assembly.
- C. Pre-hung and Assembly:
1. Door: **[Flush design] [Custom] [With vision elites] [Single] [Pairs] [As indicated on Drawings].**
 2. Frame: **[Standard frame] [Custom] [As indicated on Drawings].**
- D. Sizes: **[Select from standard] [Custom in single or double] [As indicated on Drawings].**
- E. Finishes: Stain grade in **[Oak] [Maple] [Cherry] [Birch] [Any wood species as selected by Architect].**
- F. Hardware: Door, frame, trim, handle, hinges, perimeter sound seals and door bottom supplied as part of the tested assembly.
1. Automatic sill.
 2. Heavy duty hinges (4).
 3. 3-point latching system.
 4. Adjustable neoprene mortise jams and seals.
 5. Options: **[Dead bolt] [Mortise locks] [Heavy duty closer].**
 6. Finishes: **[Standard nickel] [Standard brass] [Custom as selected by Architect].**
- G. **[Optional Vision Lite Kit]: [Wood].**
1. **Clear glass opening size: [10" x 10"] [6" x 28"] [22" x 28"] [22" x 56"] [Custom].**
- H. **[Optional Jamb Kit].**
- I. Required Installation kit Includes:
1. 2 Packs of Shims.
 2. 4 Sets of Heavy Duty Jamb Screws.
 3. Backer Rod.
 4. 1 Tube Acoustical Sealant.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine openings, substrates, anchorage, and conditions.

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- B. Immediately inspect shipment for damage during transit i.e., damage caused by fork lifts, stacking, water stains etc. and disclose to delivery driver prior to signing for receipt.

3.2 INSTALLATION

- A. Manufacturer's Instructions:
 - 1. Comply with written instructions and of the door manufacturer.
 - 2. Installation manual is available from manufacturer's website.

END OF SECTION 08347