SECTION 08 34 00

Studio 3DTM Soundproof Interior Doors

**PART 1 GENERAL**

1. **SECTION INCLUDES**
   1. Studio 3DTM soundproof interior doors and accessories for installation.
2. **SUBMITTALS**
   1. Product Data: Manufacturer’s data sheet and installation instructions.
3. **QUALITY ASSURANCE**
   1. Qualifications:
      1. Manufacturers: Provide acoustical doors from a single manufacturer.
      2. Installers: Utilize an installer having demonstrated experience on projects of comparable size and complexity.
4. **DELIVERY, STORAGE, AND HANDLING**
   1. Storage and Handling Requirements:
      1. Handle doors carefully to avoid any damage.
      2. Store doors indoors in a clean, cool, dry place, and out of direct sunlight.
      3. Store doors in a space where the ambient temperature and humidity conditions are being maintained at the levels indicated for the project when occupied for its intended use.
5. **SITE CONDITIONS**
   1. Ambient Conditions:
      1. Maintain ambient temperature and humidity conditions at levels indicated for the project when occupied for its intended use.
      2. Do not install doors under environmental conditions outside manufacturer’s recommended limits.
   2. Existing Conditions: Do not install doors until space is enclosed and weather proofed, and wet work is completely dry.
6. **WARRANTY**
   1. Provide manufacturer’s written product warranty per Section 01 77 00 – Closeout Procedures.

**PART 2 PRODUCTS**

(Specifier Note: Red colored text below requires you to select an option before this specification can be completed. Options in red text are bound by parenthesis. Additional Studio 3D Soundproof Door information can be found on our website <https://www.acousticalsurfaces.com/acoustic_doors/soundproof_doors.htm>)

1. **MANUFACTURERS**
   1. Acoustical Surfaces, Inc., 123 Columbia Court N, Chaska, MN 55318.  
      Phone: 952-448-5300. Fax: 952-448-2613. Website: www.acousticalsurfaces.com
2. **DESCRIPTION**
   1. Product: Studio 3DTM soundproof interior doors by Acoustical Surfaces, Inc.
   2. Products Options:
      1. Door Composition: 13-layer composite door assembly with veneer
      2. Door Thickness: 2-3/4”
      3. Door Size: (Standard and custom sizes available – inquire for details)
      4. Swing Direction: (Left) / (Right)
      5. Wood Veneer Species: (Standard – Oak) / (Custom)
      6. Finish: (Standard – Stained) / (Painted)
      7. Mounting Method: Pre-hung jamb and door assembly mounted to rough opening
   3. Product Performance:
      1. Acoustical Performance
         1. STC Rating up to 56
3. **ACCESSORIES**
4. Attachment hardware as specified by manufacturer for installation.
   1. 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
      3. 3-point latching system
      4. Adjustable neoprene mortise jams and seals
      5. Options: (Dead bolt) / (Mortise locks) / (Heavy duty closer)
      6. Hardware Finish: (Standard Satin Chrome) / (Custom)
   2. Required installation kit includes:
      1. 2 packs of shims
      2. 4 sets of heavy-duty jamb screws
      3. Backer rod
      4. 1 tube of acoustical sealant
5. Accessories with Options:
   1. Jamb Kit (Optional) (Yes) / (No)
   2. Vision Lite Kit (Optional) (Yes) / (No)
6. Clear Glass Opening Size: (10” x 10”) / (6” x 28”) / (22” x 28”) / (22” x 56”) /  
    (Custom)

**PART 3 EXECUTION**

1. **EXAMINATION**
   1. Verification of Conditions:
      1. All wet work in the installation area must be complete, cured, and dry prior to installation.
      2. Wall assembly shall be complete, inspected, and accepted before door installation begins.
2. **INSTALLATION**
3. Comply with manufacturer’s instructions and recommendations for installation of doors and with industry standards.
4. **CLEANING**
5. Clean surfaces of doors per manufacturer’s instructions or recommendations.
6. **PROTECTION**
7. Protect installed work from damage due to subsequent construction activity, including temperature and humidity limitations and dust control, so that the work will be without damage and deterioration at the time of acceptance by the owner.

END OF SECTION