



THERMOSTOP INC., 3775 Losch, Longueuil, Quebec, Canada, J3Y 5T7, Phone: (450) 678-8666, Fax. : (450) 678-7765

SPECIFICATIONS

SoundEntry

Section 08 34 74 Sound Control Door Assemblies

PART 1 - GENERAL

- 1.1. Design criteria:** Design doors with STC 40 (Sound Transmission Class) as per ASTM E-413 standard (Classification for Rating Sound Insulation).
- 1.2. Shop drawings:** Supply shop drawings in accordance with plans and specifications for approval. Contractor shall be responsible for job site dimensions before fabrication and co-ordination with other sub-trades.
- 1.3. Maintenance instructions:** Supply maintenance instructions for hardware and / or others components in accordance with section 01300.
- 1.4. Warranty:** SoundEntry® acoustic doors carry a warranty of one (1) year against any defect or faulty workmanship.

PART 2 - PRODUCT

- 2.1 Materials:**
 - Commercial galvanised G-90 steel to ASTM A653
 - Commercial aluminium extrusions 6063 T5
 - Acoustic material
 - Insulation: foamed- in- place polyurethane, 2.56 lbs/ft³ (41.0 kg/m³) minimum density, conform to CGSB 51-GP-21M
- 2.2 Product:** SoundEntry®, as manufactured by **THERMOSTOP INC.**, 3775 Losch blvd., Longueuil, (Quebec), Canada, J3Y 5T7, Tel.: 450-678-8666, Fax.: 450-678-7765, www.thermostop.com
- 2.3 Sound Transmission Class (STC) 40** in accordance with ASTM E-413(Classification for Rating Sound Insulation).
- 2.4 Thickness:** 4" (100mm) thick.
- 2.5 Panel manufacturing process:** The inner core consists of rigid polyurethane, foamed- in-place under high pressure between two 16ga. steel skins and acoustic material.
- 2.6 Insulation:** CFC-free rigid foamed-in-place polyurethane. 2.56 lbs/ft³ (41.0 kg/m³) minimum density.
- 2.7 Metal skins and finish:** 16ga. steel skins. **Galvanized finish.**
- 2.8 Hinges:** Self-closing and reversible high pressure die-cast zinc hinges with self-lubricating nylon cams ensure smooth, trouble-free door operation as well as the firm closing of the door with minimum effort. Brushed chrome finish.



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- 2.9 Pull handle:** High pressure die-cast zinc cylinder locking handle, complete with emergency inside release system. Brushed chrome finish.
- 2.10 Mechanical door closer:** Heavy gauge steel mechanical door closer, complete with extra-wide hook. Chrome finish.
- 2.11 Perimeter magnetic gasket:** A full 4-side perimeter magnetic vinyl gasket insures the door is completely sound-proof on the perimeter joint.
- 2.12 Door frame:** Entrance door frame is made **shock-proof** 5/32" (4 mm) exterior and interior extruded aluminium angles.

PART 3 – INSTALLATION

- 3.1** Ensure the **SoundEntry®** door is levelled and square. Install materials and others components as per manufacturer's instructions and building code.
- 3.2** Co-ordinate receiving goods on site. The installer provides proper equipment and labour to receive the materials on site.
- 3.3** Work will be done by approved and licensed installer.
- 3.4** Keep site clean and remove all unnecessary materials as the work progresses.
- 3.5** Correct deficiencies diligently as requested by site supervisor.