

Precision-Engineered for Silence and Strength

In today's demanding environments where noise control and privacy are paramount, our Acoustic Steel Doors (STC 48 Rated) offer the perfect solution. Designed with advanced sound insulation technology, these doors combine high acoustic performance with robust security and aesthetic appeal. Whether used in commercial, industrial, or specialized settings, they provide the ideal balance of functionality, durability, and custom design—ensuring peace of mind and sound control in every application.

Key Features

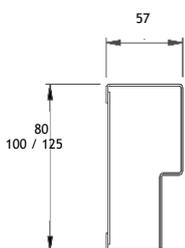
- **STC 48 Sound Rating:** Engineered for high-level sound insulation, effectively blocking noise transmission between rooms.
- **Premium Acoustic Seals:** Multi-layer perimeter seals and drop bottom seal ensure optimal sound attenuation and air tightness.
- **Durable Steel Construction:** Heavy-duty steel sheets with reinforced core designed for long-lasting performance and structural integrity.
- **Powder Coated Finish:** Durable, corrosion-resistant, and available in a range of colors to match any interior or exterior design.
- **Integrated Dead Lock & Handle Sets:** Secure locking system with robust hardware for safety and ease of use.
- **View Glass Options:** Acoustically rated vision panels available for visibility without compromising soundproofing.
- **Door Closer:** Smooth, controlled closure every time for convenience and added acoustic efficiency.



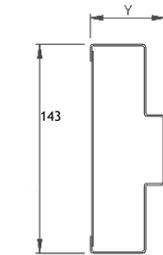
Technical Specification

- Door shutter MOC: 0.80~1.0 mm GI sheet.
- Shutter thickness: 46 mm.
- Infill Insulation: Proprietary acoustic material.
- Pad plates: 3 mm predrilled and taped.
- Door frame profiles: 80x57, 100x57, 125x57
- Rabbets: Single rabbet.
- Door frame MOC: 1.2 mm GI sheets.
- Finish: Pure polyester powder coating finish.

Door Frame Variant

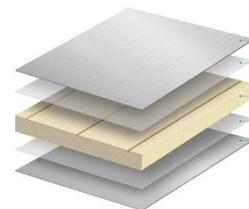


Single rabbet frame

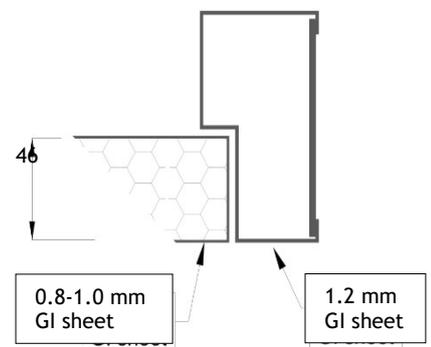


Double rabbet frame

Door Construction



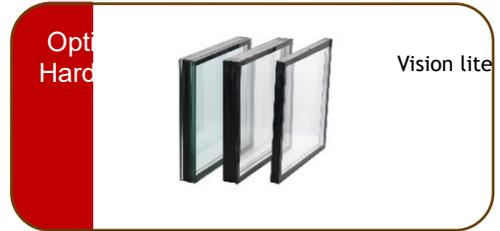
Multi layered
proprietary
Infill Material



0.8-1.0 mm
GI sheet

1.2 mm
GI sheet

Door Hardware



Applications

Ideal for blocking external noise and maintaining interior acoustic quality.

- Corporate Offices & Conference Rooms
Ensures speech privacy for confidential meetings and conversations.
- Theaters, Auditoriums, and Performance Venues
Keeps sound contained while preventing external disturbances.
- Hospitals & Laboratories
Reduces noise for better concentration, recovery, and productivity.
- Hotels & Residential Buildings
Enhances occupant comfort and privacy in high-traffic or noisy environments.

Colour Shades



RAL7037



RAL7040



RAL7047



RAL5002



RAL5015



RAL5012



RAL5002



RAL9001



RAL9016

Why Choose Our Acoustic Steel Doors?

Tested and rated to ASTM standards for acoustic performance

Expert design for form and function

Enhanced privacy, security, and peace of mind

Complete customization to fit project-specific requirements