

Acoustic Door Systems

Engineered sound-attenuating door assemblies — Rw 35 to 45 dB

Description

Acodor acoustic doors are engineered, lab-aligned door systems designed to attenuate airborne sound for studios, auditoriums, ICUs, conference rooms and high-noise plant areas. Available as single, double and acoustic + fire-rated configurations.

Technical Specifications

Door type	Single / Double leaf, hinged
Acoustic rating	Rw 35 / 38 / 42 / 45 dB
Construction	Multi-layer steel + acoustic core
Core	Mineral wool + dampening laminate
Sealing	Perimeter compression + automatic drop seal
Frame	Pressed steel with acoustic gasket channel
Hardware	Acoustic-rated lock, closer, hinges
Finish	Powder coat / laminate / veneer

Typical Applications

- Recording studios & broadcast
- Auditoriums & cinemas
- Conference & board rooms
- Hospital ICUs & isolation
- DG / pump / plant rooms

Available Options

- Acoustic + fire-rated combo
- Vision panel (acoustic glazing)
- Architectural veneer finish
- Heavy-duty hardware
- Double-door acoustic lobby

Standards & Certifications

- ISO 10140 / EN 717 alignment
- Project-specific Rw test data
- ISO 9001:2015 manufacturing