

# ABSORBA<sup>®</sup>

## ABSORBA<sup>®</sup> ACOUSTIC TIMBER DOORS AND TIMBER/ STEEL FRAMES - HIGH PERFORMANCE UP TO STC 70.\*

The range of ABSORBA<sup>®</sup> Acoustic Timber Doors which combines excellent sound transmission loss with hardy mechanical and structural features are suitable for both architectural and industrial applications.

Both the doors and frames have been tested as a unit complete with seals on the perimeter.

### FEATURES:

- Doors are available up to 4in thick from Rw/ STC 30 (dB) to Rw / STC 70 (dB)\*
- Testing of acoustic door/frame unit by independent laboratories complies with ISO 717-1: 1966 & ISO 140-4: 1988(E) & ASTM E 336:97  
"Acoustics-Rating of sound insulation in buildings and of building elements - Part 1: Airborne sound insulation."
- Units have been designed to accept readily available builders hardware

### POSSIBLE APPLICATIONS:

- |                       |                      |
|-----------------------|----------------------|
| Broadcast Studio      | A H U Room           |
| Band Room             | Chiller Room         |
| Concert Hall          | Control Room         |
| Conference Room       | Engine Test Cell     |
| Convention Center     | Enclosure            |
| Dancing Room          | Firing Range         |
| Floating Hotel Suites | Generator Room       |
| Home Theatre          | Lift Motor Room      |
| Meeting Room          | Manufacturing Office |
| Music Room            | Plasma Room          |
| Orchestra Room        | Plant Room           |
| Production Studio     | Underground Pass     |
| Recording Studio      | Marine & Offshore    |

### Door Types:

#### Double Single leaf



#### Double-leaves



# ABSORBA®

## ABSORBA® ACOUSTIC AIRTIGHT STEEL DOORS AND FRAMES - HIGH PERFORMANCE UP TO STC 55.

The range of ABSORBA® Acoustic Airtight Steel Doors which combines outstanding sound transmission loss with robust mechanical and structural features are suitable for both industrial and architectural applications.

Both the doors and steel frames have been tested as a unit complete with seals on the perimeter.

### FEATURES:

- Doors are available up to 8in thick from Rw/ STC 39 (dB) to Rw / STC 55 (dB)
- Testing of acoustic door/frame unit by independent laboratories complies with ASTM E90-97 & ASTM E413-87 (Reapproved 1999) & ISO 140/3:Part 3: "Standard test method for laboratory measurements of airborne sound transmission loss of building partitions and elements."
- Units have been designed to accept readily available heavy weight builders hardware.

### POSSIBLE APPLICATIONS:

- |                      |                       |
|----------------------|-----------------------|
| A H U Room           | Broadcast Studio      |
| Chiller Room         | Band Room             |
| Control Room         | Concert Hall          |
| Engine Test Cell     | Conference Room       |
| Enclosure            | Convention Center     |
| Firing Range         | Dancing Room          |
| Generator Room       | Floating Hotel Suites |
| Lift Motor Room      | Home Theatre          |
| Manufacturing Office | Meeting Room          |
| Plasma Room          | Music Room            |
| Plant Room           | Orchestra Room        |
| Underground Pass     | Production Studio     |
| Marine & Offshore    | Recording Studio      |

### Door Types:

#### Single Leaf



#### Double-leaves

