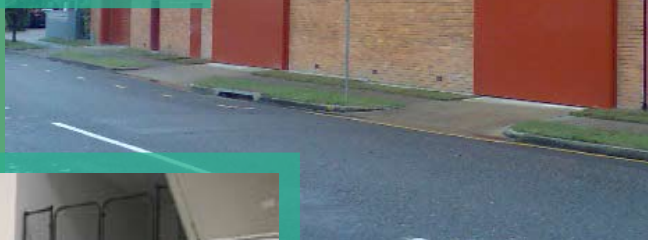




SOUND CONTROL

Acoustic Engineers - for a quieter environment



sonata

/// Acoustic Products...Quieter ///

SONATA ACOUSTIC DOOR RANGE

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Sound Control has been manufacturing acoustic doors for over three decades to meet the demands of noise control in an extensive range of applications ranging from heavy-duty industrial applications to high-profile commercial and architectural projects. Fabricated door types include Timber, Steel Clad Timber and Industrial Steel door configurations. All doors are available as single or double, in hinged or sliding configurations. Our expertise in supplying acoustic doors to industry is sure to meet your needs.

The **Sonata Acoustic Door Range** comprises of acoustic doors capable of meeting Rw36, Rw40 and Rw45. The Rw rating is achieved by a system comprising of Door Leaf, Door Jamb, and Door Seals. It is critical that the door system is installed into a building element with an equal or higher rating.

| SONATA ACOUSTIC DOOR RANGE | | | | |
|--|--|--|---|---|
| Table of Acoustic Rating as defined in AS/NZS ISO 717.4:2004 for "Weighted Sound Reduction Index" (Rw) | | | | |
| Rw | TIMBER DOOR | TIMBER STEEL CLAD DOOR | STEEL DOOR | STEEL SLIDING DOOR |
| | Maximum Clear Opening: 2340 x 1200mm - Single 2340 x 2400mm - Double | Maximum Clear Opening: 2100 x 1200mm - Single 2100 x 2400mm - Double | Standard Clear Opening up-to: 9000 x 3000mm - Single (Hinged) 9000 x 6000mm - Double (Hinged) or Single Sliding | |
| 36 | SONATA Rw36-T 48mm THICK DOOR | SONATA Rw36-TS 52mm THICK DOOR | SONATA Rw36-S 56mm THICK DOOR | SONATA Rw36-SS 56mm THICK DOOR |
| 40 | SONATA Rw40-T 75mm THICK DOOR | SONATA Rw40-TS 80mm THICK DOOR | SONATA Rw40-S 110mm THICK DOOR | SONATA Rw40-SS 110mm THICK DOOR |
| 45 | SONATA Rw45-T 75mm THICK DOOR | SONATA Rw45-TS 80mm THICK DOOR | SONATA Rw45-S 110mm THICK DOOR | SONATA Rw45-SS 110mm THICK DOOR |

Door jamb minimum throat thickness, allow Door Thickness + 50mm as a guide.

Applications

Sonata Acoustic Doors ensure maximum privacy and prevent interference from external generated noise sources. These doors can be used in extensive applications such as: *Court Rooms *Lecture Theatres *TV Studios *Plant Rooms

Custom Design

The table above shows the maximum standard sizes available; however if an alternate size or acoustic rating is required, please contact Sound Control, and a custom design door set can be engineered to meet your needs.

Construction

Sonata Acoustic Doors are constructed to individual design specifications. Door leaves are supplied using sub-frames of stabilized timber or steel members. The core is filled with layers of "sound dampening" materials with the door exteriors finished in a variety of materials which can compliment any intended environment.

Door System

Sonata Acoustic Doors are supplied with either solid timber or heavy pressed welded steel door jambs, hinges appropriate to weight and purpose of door are provided. We recommend locking systems which close the door positively against the fitted acoustic seals.