



# SilentDoor<sup>®</sup> - Timber

The SilentDoor<sup>®</sup> range is designed to reduce sound transmission and provide privacy in any architectural environment. The range comprises both single and double leaf acoustic door sets suitable for internal and external use. They are available in either Rw45dB or Rw48dB ratings and are manufactured from a robust and reliable wooden construction with specially designed hinges to ensure durability and longevity. SilentDoor<sup>®</sup> is supplied as a pre-hung unit complete with acoustic seals.



## Key Features and Benefits

- Provides privacy between rooms
- Durable
- Suitable for internal or external use
- Available with vision panels

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## Applications

- Museums and galleries
- Educational buildings
- Medical centres and hospitals
- Studios and offices
- Police stations
- Hotels

## Colour and Finish

A range of standard leaf wood veneers are available. SilentDoors® may also be spray painted to any BS or RAL colour. Further details of veneers and finishes are available on request.

## Operating Temperature

Suitable for use at normal building temperatures.

## Availability

Doors are available to order and should be fitted by skilled tradesmen or specialist contractors

## Dimensions and Weight

Single Leaf Modules:	
Structural Opening	Up to 1200 x 2400mm
Overall Frame Size	Up to 1190 x 2390mm
Clear Opening Size	Up to 1070 x 2324mm
Frame Depth	100mm
Door Leaf Thickness	64mm
Maximum Weight	80kg

Double Leaf Modules:	
Structural Opening	Up to 2400 x 2400mm
Overall Frame Size	Up to 2390 x 2390mm
Clear Opening Size	Up to 2150 x 2324mm
Frame Depth	100mm
Door Leaf Thickness	64mm
Maximum Weight	160kg

\* Note: Bespoke sized doors are available depending on the performance required. Further details available on request.

## Acoustic Performance

Product	Sound Reduction Index Rw (dB)				
	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz
AT/1200-45 Single	37	41	45	46	45
AT/1200-48 Single	44	43	46	49	49

\* Allow up to 4dB lower Rw values for AT/3000-45 and AT/3000-48 double leaf door sets

The information contained in this data sheet is believed to be correct at the date of publication. The information is based on our general experience and is given in good faith but because of the many factors outside our knowledge and control which may affect the product no warranty is given or is to be implied with respect to such information. H&H Acoustic Technologies Ltd reserves the right to alter or amend the specification of their products without notice as their policy is one of constant improvement.

## Technical Advice

Highly qualified building and acoustic consultants are available to offer assistance and advice to clients, architects and contractors on all aspects of noise control to ensure design specifications and acoustic performance requirements are achieved. They can also undertake noise surveys and provide details of anticipated reverberation times pre and post installation.

## Care and Maintenance

Door furniture will require regular maintenance. Further details available on request.

## Fire Performance

SilentDoors® have been independently tested and the single leaf door sets achieved a ½ hour fire rating