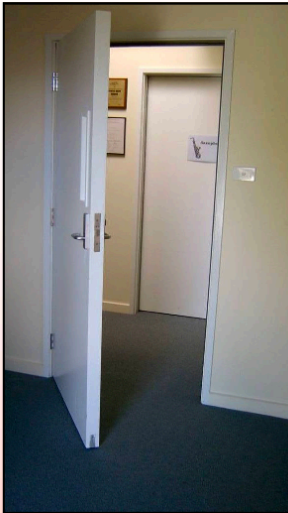


Zone Acoustic Doors

Higher performance walls require higher performance doors.

A RANGE OF QUALITY ACOUSTIC DOORS

There are 3 ranges of doors depending on the level of noise reduction required.



Music Room

The **Hushzone** range of performance timber doors with superior performance to a solid core door.

Available in; **Hushzone 34** and **Hushzone 37** ratings.

The **Musiczone** door is a timber faced door, specially developed as a higher performance door to the Hushzone with superior components including hinges, locks, jams and seals.

Available in; **Musiczone 40** rating.

The **Studiozone** range are our highest performance door. Designed to meet the demands of studio type applications, the seals, hinges and hardware are selected to meet the demanding performance requirements of this door.

Available in; **Studiozone 45** and **Studiozone 48** ratings.

Applications:

- Theatre rooms
- Nursery room doors
- Front entry doors*
- Music rooms
- Laundry
- Offices
- Libraries
- Professional practices
- Board rooms
- Entertainment rooms

*modified for exterior front doors.



Professional Offices



Music Studio



Front Doors





All of our doors are manufactured to an independently tested design (RMIT University) to sizes to suit customer requirements.

A range of options are available including external doors, viewing windows, veneers, etc.

Door Specifications - Inclusions

Hushzone 34	Hushzone 37	Musiczone 40	Studiozone 45	Studiozone 48
56mm Door	60mm Door	60mm Door	70mm Door	73mm Door
Timber Door jamb set	Timber Door jamb set	Timber Door jamb set	Timber Door jamb set	Timber Door jamb set
Hinges S/Steel (3)	Hinges S/Steel (3)	Hinges S/Steel (3)	Hinges S/Steel (4)	Hinges S/Steel (4)
Latch	Latch	-	-	-
Door seal set primary	Door seal set primary	Door seal set primary	Door seal set primary	Door seal set primary
-	-	Door seal set secondary	Door seal set secondary	Door seal set secondary
Door drop seal	Door drop seal	Door drop seal	Door drop seal	Door drop seal
-	-	-	-	Drop seal secondary.
Handles (option)	Handles (option)	Handles (option)	Handles (option)	Handles (option)
-	-	Door Lock (option)	Door Lock (option)	Door Lock (option)
Treadplate (option)	Treadplate (option)	Treadplate (option)	Treadplate (option)	Treadplate (option)

Door Performance Comparison

Door Type	Sound Reduction Rw	Weight Typically for 870mm width	Description
 Common hollow	20	25kg	Can hear most sounds clearly with only a small sound reduction, best as a visual screen.
 40mm thick solid Core door	30	53kg	Can hear voices, similar to sounds heard through typical plasterboard walls in domestic house.
 Hushzone 34	34	41kg	60% reduction in sound energy over solid core door above
 Hushzone 37	37	46kg +	80% reduction in sound energy over solid core door above

Notes: It has been assumed that quality acoustic seals are used in all the above sound reduction results.

A standard domestic plasterboard wall has a sound reduction level of 32 Rw which is higher than a 40mm solid core door.

For a solid core door to achieve a sound reduction level of 36 Rw it would be 80mm thick and weigh 106kg - impractical.