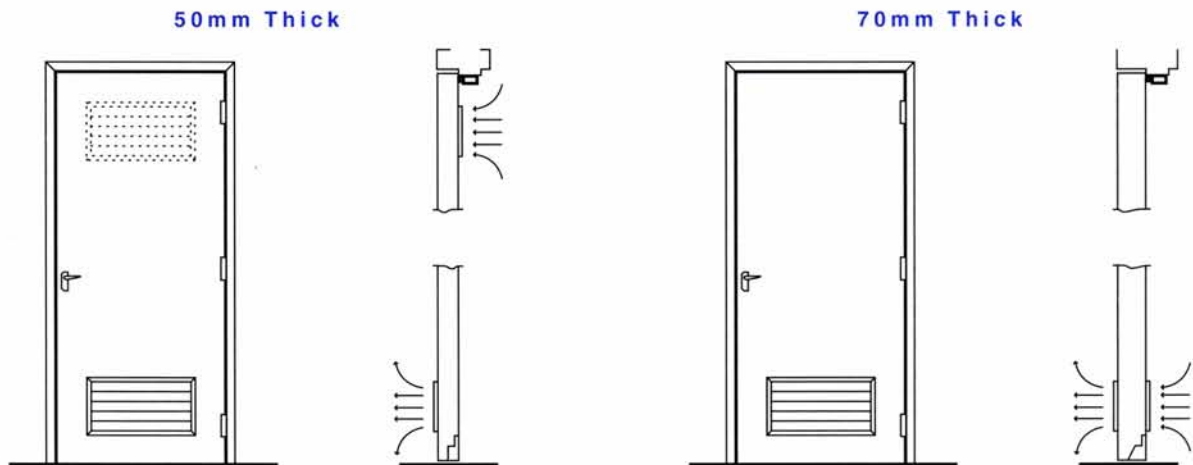


# Cross Talk

## Acoustic Doors

The NAP Silentflo 'Cross Talk' range of acoustic air relief doors have been specially designed to solve the common problem of transferring air from adjacent areas without transferring unwanted noise. These doors allow two way airflow whilst efficiently reducing the transfer of sound in either direction. They are particularly effective in the all important speech frequency range which often causes problems in the work environment. Versatility and ease of installation result in economical noise control.



As with all NAP Silentflo products attention to detail and quality of construction are evident throughout the 'Cross Talk' range. Product reliability has established NAP Silentflo's reputation of proven performance and market leadership.

### Applications

NAP 'Cross Talk' doors are designed to be used in locations where air must be transferred or relieved from one area to another without the transfer of noise. They are ideally suited to applications where it is desirable to keep out conversational noise from adjacent areas.

### Typical Applications:

Offices; Schools; Laboratories; Hospitals;  
Conference Rooms; Hotels; Factories;  
Libraries; Music Rooms; Studios; Sporting  
Complexes; Kitchens; Apartments; Rest Rooms.

As there can be other paths of sound transmission between the source and the listener such as walls, ceilings and doors it should be noted that the actual installed acoustic performance will depend on the transmission losses of these adjacent structures.

### Specifications

The door leaves consist of an internal perimeter frame with veneer ply facings over a composite internal construction. All doors are fitted with solid timber edge strips. The door leaves can be supplied factory hung on a three or four sided steel or timber door frame, prior to dispatching to site.

All doors are supplied with stainless steel butt hinges and include factory fitting of acoustic perimeter seals, allowing for fast and easy site installation with guaranteed acoustic performance.





### Double Doors

The doors are identical in construction to the single leaf doors. The double doors include acoustic seals on both the front and reverse face of the meeting stile.

Double doors are used where wider than normal access is required, whilst still achieving reduction of cross talk noise.

### Hardware

Hardware is at the architect's discretion. However, the following hardware is recommended.

- **Locking Cylinders:**  
Standard oval Lockwood, Astra, Efco or Round Abloy Locking Cylinders may be used. The 70mm thick door will require a Lockwood Extended Cylinder to be fitted to the reverse face of the door.
- **Special Keying:**  
Locking Cylinders are normally supplied random keyed. Specially keyed cylinders must be supplied by the Project Manager or Builder.
- **Special Keying includes:**
  - Project or construction keying
  - Master or Grand Master System (by arrangement)
  - Maison keying
  - Special Broaching
- **Lever Handles:**
  - Lockwood 1070 Lever Handles on roses.

- **Hinges:**

All doors are supplied fitted with three heavy duty stainless steel butt hinges on each leaf. On larger doors more hinges may be required.

- **Windows:**

Viewing windows cannot be fitted to this type of acoustic door.

Proven design and known performance ensures customer and user satisfaction, and years of trouble free operation.

Door Thickness	Door Size	Air Flow*	STC Rating
50mm	2040 x 820	160 l/s	34
70mm	2040 x 820	135 l/s	37

\*Note: Air Flow quantities given are indicative only and will depend on specific requirements. Contact NAP Silentflo for further information.

NAP Silentflo is the leading designer and manufacturer of noise control equipment in the Southern Hemisphere. For further details including the range of materials, technical details and specific applications, please contact NAP Silentflo or your local representative.

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