21/10/2026

Data Sheet

Fire-Rated Interconnecting Door

Description

Pacific Doors offer a range of fire rated interconnecting door sets that provide a higher acoustic performance than a single door set can provide. These door sets are tested acoustic interconnecting door sets designed to reduce sound transmission within buildings.

For further information on this product, visit:
https://www.pacificdoors.co.nz/products/acoustic/acoustic-doors/fire-rated-interconnecting

Product features:

Product features:
- Up to STC 59 acoustic rating
- 60min fire rating
- Single leaf only
- 4 frame options
- Suitable for interior use only
- Compatible with timber stud, steel stud and masonry wall
- Certified acoustic performance to ISO 140-3

Product options

These fire rated interconnecting door sets consist of two sets of flush panel hinged door leaves hung in a common frame with an airspace in between.

- STC rating up to 59
- Fire Rating up to-/60/30sm

The door set includes frame-mounted perimeter seals and drop seals at the bottom. The SP-60-ID doors have a compression seal & threshold plate at the sill of one of the doors.

The thickness and weight of these door sets varies depending on the configuration.

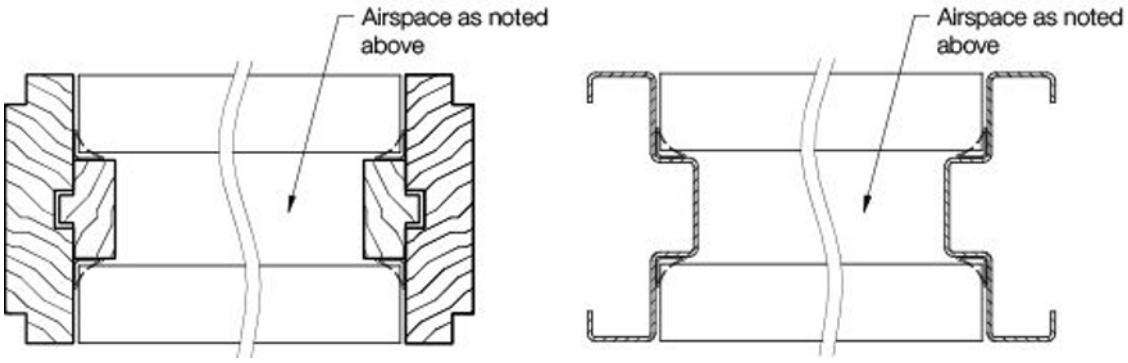
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Product	Frame Type	Space Desc.	Fire Resistance Rating Stability / Integrity / Insulation	STC/Rw Rating	Door Application	Max Leaf Height (mm)	Max Leaf Width (mm)
AFD300-46ID	Common (Timber only)	65	-/60/60sm	46	Single	2400	1200
SP-60-ID	Common (Steel or Timber)	65	-/60/30sm	43	Single	2400	1200
SP60-ID	Common (Steel or Timber)	65	-/60/30sm	40	Pair	2400	1200
AFD300-56ID	Separate (Timber only)	140	-/60/60sm	56	Single	2400	1200
AFD300-59ID	Separate (Timber only)	300	-60/60sm	59	Single	2400	1200

Notes:

1. Please note that the maximum leaf width shown above is measured per door leaf.

Common Frame



Wall Types

Jambs may be connected to timber stud, steel stud* or concrete masonry. The minimum specification for each wall type is:

- Precast concrete (100mm thickness) or grouted blockwork (190mm thickness).
- Timber stud partitions of minimum specifications GBT60a or GBT60b. Note that steel framed SP60 door sets may only be installed in walls of minimum stud size ex 100x50mm (Gib® Fire Rated Systems).
- Steel stud partitions of minimum specification GBS90 (timber framed doors) or GBS60 (Steel framed doors) (Gib® Fire Rated Systems).
- Universal Wall systems GBUW60a or GBUW60b

*Please note that the AFD300 door types are not approved for installation into steel stud walls.

None of the fire rated interconnecting doors are approved for installation into Korok / Speedwall walls.

Public

Leaf Facings
The facings listed below are available for these door sets.

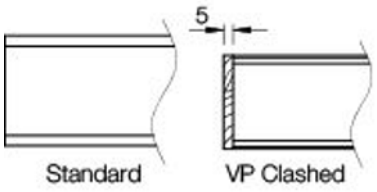
- MDF
- Timber Veneers *

Notes:

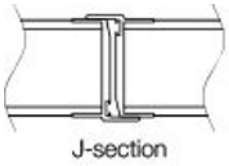
1. Of the above facings only those marked * may extend around the door edge.
2. Standard Paint Quality doors are allowed 'non-clashed' to provide best surface for finish painting.
3. SPA37-FD & SPA40-P doors may have a visible ripple in the facings when painted. This is due to the method of construction of the acoustic door and cannot be altered.
4. Other facings may be available, please contact Pacific Doors to discuss further options.

Leaf Edges
Paint-quality doors have unclashed edges.

Timber veneer faced doors are clashed on the vertical edges with solid timber.

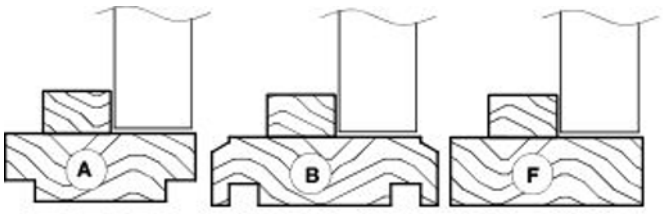


Meeting Stiles
The meeting stile listed below is available for the SP-60-ID only.



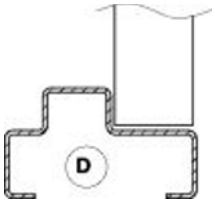
Frame types and profiles

Timber Frame
The timber frame profiles listed below are available for these door sets. The timber species of the frame must be pine or denser (580kg/m3).



Steel Frame
The steel frame profiles listed below are available for the SP-60-ID door sets only.

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Standard frames are three-sided only with no sill. Four-sided frames and/or custom sills may be available on request. Timber sills are not available on fire doorsets. For more in-depth information on frame profiles and sizes, please see our Installation Instructions.

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