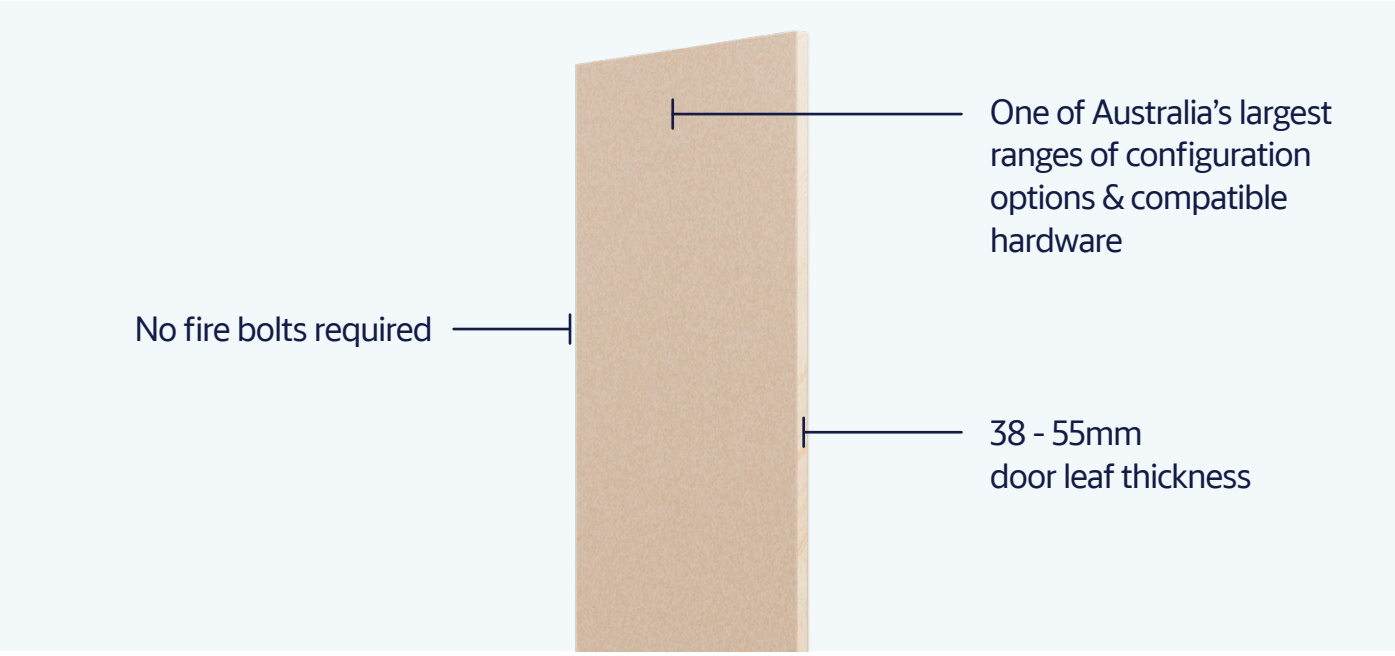
1-Hour Fire-Rated Doorsets



Tested & Certified

All Spence Doors' fire doorsets have been tested and certified according to the latest Australian Standard - AS 1530.4:2014. A proprietary system is utilised to achieve fire resistance.

Wall Types

Fire-rating approval of these doorsets applies to fitting in the following wall types:

- Fire-rated plasterboard stud walls
- Fire-rated masonry walls and concrete walls
- Knauf IntRWall
- Speedpanel walls
- PROMATECT 50 and 100
- CSR Hebel 75mm PowerPanel / Plasterboard wall systems

Swing Functions

Standard Swing (Single or Pair)
Double-Acting (Hinge or Pivot)
Interconnecting
Cat & Kitten

1 Hour Rated Single Doors

	Thickness	Height (mm)	Width (mm)	Skin + Cladding + Additional**	Frame	Rw
1	38mm	2100 - 2420	920 - 1120	FR Ply (3.6mm) or MDF (4.75mm) or Hardboard (3.2mm)	1.2 - 1.6mm Pressed Metal	-
2*	46mm	2100 - 2880	920 - 1200	Ply (3.6mm) or MDF (4mm) or Hardboard (3.2mm)	1.6mm Pressed Metal	30**
3	48mm	2100 - 3000	920 - 1500	FR Ply (3.6mm)	1.6mm Pressed Metal	-
4	48mm	2100 - 3000	920 - 1200	Tempered Hardboard (3.2mm)	1.6mm Pressed Metal	-
5	48mm	2100 - 2700	920 - 1020	FR Ply (3.6mm)	Timber	-
6	48mm	2100 - 2420	920 - 1200	Tempered Hardboard (3.2mm)	Timber	-
7	48mm / 48mm	2100 - 2400	920 - 1200	Ply (3.6mm)	Interconnecting Metal / Timber	46

* Compatible extras (as listed on pages 26-27) do not apply to this doorset.

** Rw 30 acoustic rating is subject to this doorset also having the following attributes:
- Mortar Filled Steel Frame
- Lorient LAS 1212 batwing perimeter seals
- Lorient LAS8001 Mortice bottom drop seal

1 Hour Rated Pair Doors

	Thickness	Height (mm)	Width (mm)	Skin + Cladding + Additional*	Frame	Rw
8	48mm	2100 - 3000	920/920 - 1500/1500	FR Ply (3.6mm)	1.6mm Pressed Metal	-
9	48mm	2100 - 3000	920/920 - 1200/1200	Tempered Hardboard (3.2mm)	1.6mm Pressed Metal	-
10	48mm	2100 - 2700	920/920 - 1020/1020	FR Ply (3.6mm)	Timber	-
11	48mm	2100 - 2420	920/920 - 1200/1200	Tempered Hardboard (3.2mm)	Timber	-

* In addition to listed skins, cladding, and accessories - all fire-rated pair doors require Meeting Stiles along their leading edges. Subject to tested configurations, Meeting Stiles on 1 & 2 Hour Rated Pair Doors may be either Bullnose or J-Bar. Double Acting / Pivot Doors require Meeting Stiles along the trailing edges as well.

Accessories & Extras

Fire doorsets are tested and certified as complete door systems. As such, the hardware and additional components added to the door must be tested and certified with each particular doorset configuration. The below accessories are all possible with Spence Doors' fire doorsets subject to testing as advised by the Spence Doors team.



Vision Panel

A glass panel for visibility between rooms.
Available in the following sizes (H x W):
13mm thick panel: 286x185, 602x129
5mm thick panel: 286x185, 580x80, 600x100
(5mm panel only compatible with 48mm door)



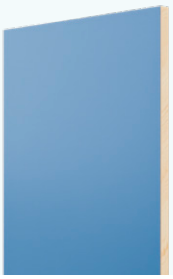
Ventilation Grille

A ventilation grille fitted to support airflow between rooms.
Available in the following sizes (H x W):
300x300, 450x450, 300x600, and 600x600



Metal Cladding

Available on doors up to 2700 x 1200.
Options include Zincanneal (0.55mm), Zincanneal undercapping (1.1mm), Colorbond (0.55mm), and Stainless Steel (1.6mm).



Laminates

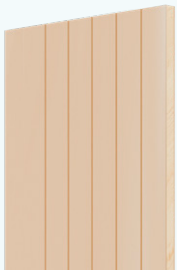
Distinct visual finish, protection against cleaning, and hygienic properties with laminates. Various laminate types available.



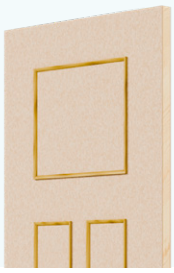
Veneers

An organic and warm visual finish with timber veneers. Available on doors up to 2700 x 1200.

Accessories & Extras (cont.)



Face Grooves
2mm deep grooves for a stylistic finish.
Up to 5 grooves (per door face) may be applied whilst maintaining compliance. Note this can only be applied to 48mm thick doors up to 2400x1020 with MDF skin (max. 4.75mm thick).



Bolection Mouldings
Timber mouldings adhered to the door face(s) for ornate design effect.



Concealed Closer Preparation
Preparation to the door's upperside for a concealed closer to be easily fitted once on-site.



Panic Bar Reinforcement
Internal reinforcement of the door leaf's structure to support a panic bar.
Common in healthcare settings.



Transom
A framing piece to fit an additional fire-resistant panel above the door. Makes for a taller overall doorway for large goods need to be transported through by removing the Transom.