05/11/2026

Data Sheet

Pacific VP190DA Premium Double Action Fire Door

Description

Pacific Double Action door sets are 180o pivoting doors suitable for interior installation only. The door set configuration may be single leaf or pair, finished with a variety of facings and pivoted in a steel frame.

Bottom seals are not available with this door type.

Product Features

- 120min fire rating
- Single or pair
- 4 facing options
- 4 glass options
- Compatible with timber stud, steel stid and masonry wall
- Optional overpanels
- Restaurant function avalible
- Meets NZS4520.2010 standard

For further information on this product, visit: https://www.pacificdoors.co.nz/products/fire/fire-doors/frr-120-minute/vp120da

Product options

Leaf size and wall type

Leaf size
The VP120-DA is a Pyropanel FR board Maxi door.

Pacific Double Action door sets are 180 degree pivoting doors suitable for interior installation only. The door set configuration may be single leaf or pair, finished with a variety of facings and pivoted in a steel frame.

Bottom seals are not available with this door type.

The thickness of the VP120 DA SF door leaf is 48mm with an approximate leaf weight of 35kg/m2.

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Wall Type	Fire Resistance Rating Stability/Integrity/Insulation	Door Application	Max Leaf Height (mm)	Max Leaf Width (mm)
Masonry Wall	-/120/60sm	Single or pair	2650	1075
		Single or pair	2400	1200

Notes:

1. Please note that the maximum leaf width shown above is measured per door leaf.
2. The Fire Resistance Rating of a VP120DA pair is -/120/60
3. See below detail for smoke control

Wall types

Jambs may be connected to timber stud, steel stud or concrete/masonry walls.

The minimum specification for each wall type is:

- Precast concrete (150mm thickness minimum) or grouted blockwork (140mm thickness minimum).
- Non-load bearing steel stud partitions of minimum specifications GBS60 (for VP30-DA), GBS90 (for VP60-DA) or GBS120a (for VP120DA). Note that 100mm nom. wall framing is necessary where fitting of the head spring hardware is specified.
- Non-load bearing timber stud partitions of minimum specifications GBT30 (for VP30-DA) or GBT60b (for VP60-DA), GBT90 (for VP90-DA) or GBT180 (for VP120DA) (as listed in "Gib® Fire Rated Systems"), all based on minimum 100x50mm framing. Note that minimum 100mm nom. wall framing is necessary where fitting of head spring hardware is specified.

Door Leaf Options

Leaf facing

- Plywood
- Aluminium sheet (0.3mm to 1mm)
- Steel – mild or stainless (0.6 – 0.9mm)
- Hardboard

Notes:

1. Door comes clashed with aluminium bullnose section to enable the double action movement.
2. Paint Quality doors will have visible phenolic stud heads near the top of the leaf face
3. See Additional Door Options for more facing alternatives.

Leaf edges

The leaf edges listed below are available for the VP120DA door set.

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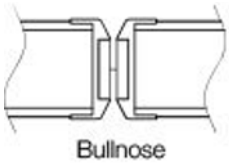
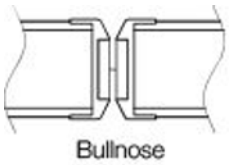


Meeting Stile
The meeting stiles listed below are applicable to paired door sets only.

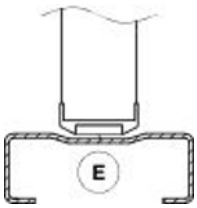


Frame types & profiles

Timber Frame
Timber frames are not applicable for fire doors above 60 60-minute fire rating.

Steel Frame
The steel frame profiles listed below are available for the VP120DA door set.

Stainless steel frames are only approved grouted into masonry or concrete walls.



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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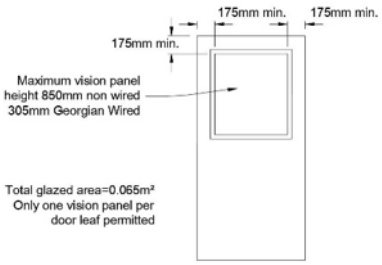
Vision Panel

Glazing Type	Maximum Glazed Area (mm)		Max Height (mm)	Max Width (mm)	Glazing Bead		FRR with Vision Panel	
	Per VP	**Total**			**Timber**	**Steeling Glaze Bead**	**Up to 0.065m2**	**Over 0.065m2**
Georgian Wired		0.065m2	305	750		√	-/120/60	N/A
Pyroceram		0.065m2	850	750		√	-/120/60	N/A
Robax		0.065m2	850	750		√	-/120/60	N/A
Pyran*		0.065m2	850	750		√	-/120/60	N/A

Notes:

1. Please note that the height and width of the vision panel must still fall within the maximum glazed area.
2. Glazing types marked with * indicate Grade A Safety glass.



Performance

Thermal insulation

This door leaf has a thermal insulation rating (R-value) of 0.692 Km2/W.

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