

Pacific VP60A Standard Fire Door

DESCRIPTION

VP60A features a solid core and does not require any metal fixing plates or channels in the door leaf, making it an ideal choice for interior applications. Please note that it is not suitable for exterior use. The VP60a offers additional features and greater hardware options in comparison to the TB60.

Product features:

- 60min fire rating
- Single or pair
- 8 facing options
- 12 frame options
- 3 glass options
- Compatible with timber stud and masonry wall
- Acoustic rating available
- Ventilation grilles available
- Meets NZS4520.2010 standard

For further information on this product, visit:

<https://www.pacificdoors.co.nz/products/fire/fire-doors/frr-60-minute/vp60a>

PRODUCT OPTIONS

Leaf Size and Wall Type

Timber-framed smoke control doors include a seal in the frame. Steel framed doors include the PFS-4 frame seal. If required, bottom seals can be selected from the Hardware list.

The thickness of the VP60A door leaf is 48mm with an approximate leaf weight of 24kg/m2

Wall Type	Fire Resistance Rating Stability/ Integrity/Insulation	Door Application	Max Leaf Height (mm)	Max Leaf Width (mm)
Timber Stud Wall Steel stud wall Masonry Wall	-/60/60sm	Single	2420	1020
		Single	2200	1120
		Pair	2420	1020
		Pair	2200	1120

Notes:

1. Please note that the maximum leaf width shown above is measured per door leaf.
2. The 'sm' above denotes that the door is available as a smoke control door set.
3. The maximum area per door leaf is 2.468m²
4. Insulation ratings must be notified at time of pricing for steel frames.
5. Minimum width for a fire door leaf is governed by the need to fit a compliant closer.
Typically, 400 mm is the practical minimum.

Wall Types

The VP60A can be installed in masonry walls and timber or steel stud drywalls of at least 60 minute fire resistance.

Door Leaf Options

Leaf Facings

- MDF
- Ply
- Timber veneers
- High pressure laminate
- up to 1.5mm thick (e.g. Laminex, Formica)
- Kydex
- Metal Sheet, mild or stainless (0.6 – 1.0mm) *
- Sheet Vinyl (1.25 - 2mm)
- Aluminium sheet (0.3 - 1mm) *

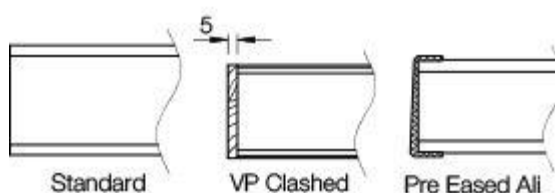
Notes:

1. Of the above facings only those marked * may extend around the door edge.
2. Timber veneer requires FRR -/60/60 and is only available in timber frame or grouted steel frame
3. Standard Paint Quality doors are allowed 'non-clashed' to provide best surface for finish painting.
4. Other facings may be available, please contact Pacific Doors to discuss further options.

Leaf Edge

The leaf edges listed below are available for the VP60A door set

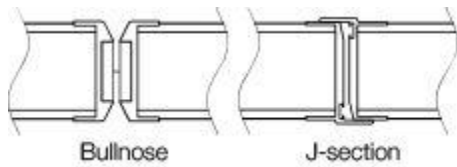
Paint quality doors are non-clashed as standard.



Notes: Aluminium cappings are not available for timber frame doorsets.

Meeting Stiles

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

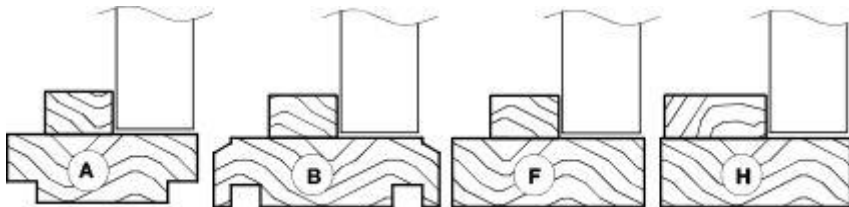


Frame Types & Profiles

Timber Frame

The timber frame profiles listed below are available for the VP60 door set.

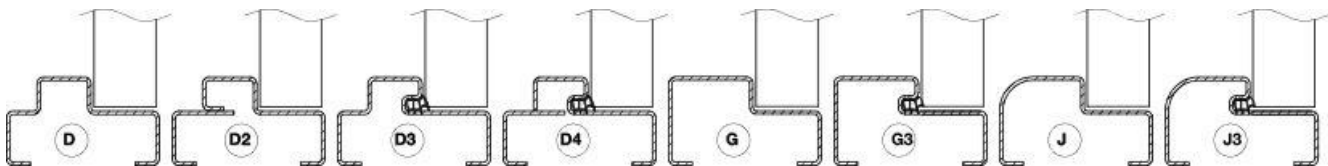
Timber density requirements exclude some species of timber. Timber must be a hardwood with minimum density of 580kg/m³.



Steel Frame

The steel frame profiles listed below are available for the VP60 door set.

The VP60 door set is available in the two-part steel frame system for fixing to walls already lined.



Notes:

1. D2 and D4 require minimum 110 mm wall thickness
2. D2 and D4 are not available with sidelights and overlights, and are not compliant in Speedwall/Korok or James Hardie wall.
3. D2 and D4 are limited to a fire rating of -/60/30 sm.

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.

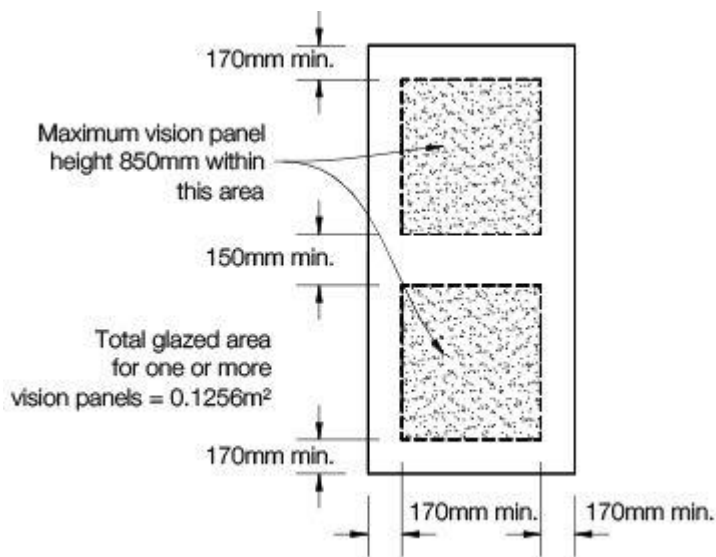
Vision Panel

Glazing Type	Maximum Glazed Area		Max Height (mm)	Max Width (mm)	Glazing Bead		FRR with Vision Panel	
	Per VP	Total			Timber	Aluminum	Up to 0.065m ²	Over 0.065m ²
Pyrobel*	0.6m ²	0.96m ²	1630	950	✓	✓	-/60/60	-/60/30
Georgian Wired	0.1256m ²	0.1256m ²	850	870		✓	-/60/60	-/60/-
Firelite	0.1256m ²	0.1256m ²	850	870		✓	-/60/60	-/60/-

Notes:

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

For 60 minute door sets with larger vision panel options, please refer to the VP60 fire door.



Standard Vision Panel Cross Sections

Timber Bead*	Aluminium Bead
Not Applicable for this door set	<p>Glazing</p> <p>Aluminium Angle glazing bead – standard finish is natural anodized (Silver)</p> <p>25</p>

Performance

Acoustical performance

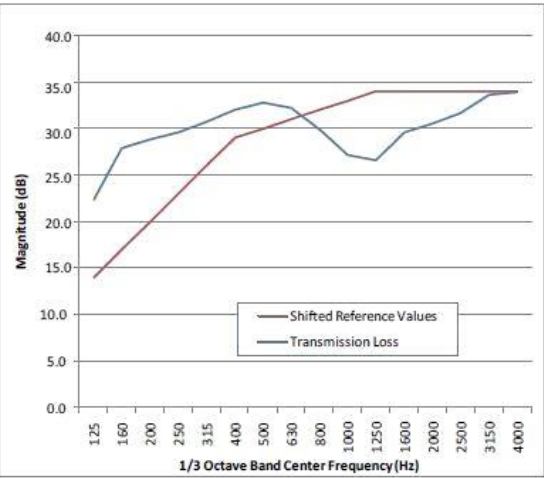
An acoustic rating of STC 30 is available for this doorset. Tested frame seals are PFS-4, PFS-6 and LE1515. Tested drop seal is IS8011si.

Doors are not acoustic tested with vision panels.

Thermal insulation

This door leaf has a thermal insulation rating (R-value) of 0.536 Km2/W.

Acoustical Performance Graphs



1/3 Octave Band Center Frequency (Hz)	Shifted Reference Values	Unfavorable Deviation
125	14	0
160	17	0
200	20	0
250	23	0
315	26	0
400	29	0
500	30	0
630	31	0
800	32	2
1000	33	6
1250	34	8
1600	34	4
2000	34	3
2500	34	2
3150	34	0
4000	34	0
Total		25
Shift		30
STC		30