Pacific VP60DA Premium Fire Door

DESCRIPTION

The VP60DA is a pivoted double action (double swing) fire door set that is hung in a steel frame. This door set offers a wide variety of leaf facings, glazing and hardware options.

Product features

60min fire rating

Single or pair

8 facing options

1 frame option

5 glass options

Compatible with timber stud, steel stud and masonry wall

Meets NZS4520.2010 standard

For further information on this product, visit:

https://www.pacificdoors.co.nz/products/fire/fire-doors/frr-60-minute/vp-60-da

Data Sheet

PRODUCT OPTIONS

Leaf Size and Wall Type

The VP60DA is a Pyropanel FR Maxi board door.

Pacific Double Action door sets are 180° 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 VP60DA door leaf is 48mm with an approximate leaf weight of 35kg/m2

Wall Type	Jamb Type	Fire Resistance Rating Stability/Integrity/ Insulation	Door Application	Max Leaf Height (mm)	Min Leaf Width (mm)	Max Leaf Width (mm)
Timber Stud Wall	Steel	-/60/60sm	Single or Pair	2650	490	1075
Masonry Wall			Single or Pair	2400	490	1200

Notes:

1. Please note that the maximum leaf width shown above is measured per door leaf.
2. Insulation ratings must be notified at time of pricing for steel frames.
3. Please see the 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) or GBS90 (for VP60-DA). 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) or GBT90 (for VP90-DA) (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.
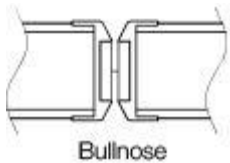
Door Leaf Options

Leaf Facings

- Plywood
- Timber Veneers
- Steel – mild or stainless (0.6 – 0.9mm)
- Aluminium sheet (0.3 – 1mm) *
- Decorative Timber mouldings
- MDF
- Hardboard
- High pressure laminate up to 1.5mm thick (e.g. Laminex, Formica)

Notes:

1. Door comes clashed with aluminium bullnose section to enable the double action movement.
2. Paint Quality and veneered doors will have visible phenolic stud heads near the top and bottom of both leaf faces
3. Timber veneer requires FRR -/60/60 and is only available with a grouted steel frame
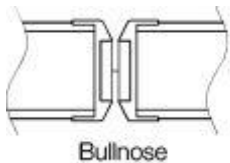4. See Additional Door Options for more facing alternatives.

Leaf Edges

The leaf edges listed below are available for the VP60DA door set

Bullnose

Meeting Stile

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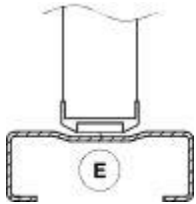

Bullnose

Data Sheet

Frame Types & Profiles

Timber Frame

The VP60-DA is not available in a timber frame.

Steel Frame

The steel frame profiles listed below are available for the VP60DA door set.

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.
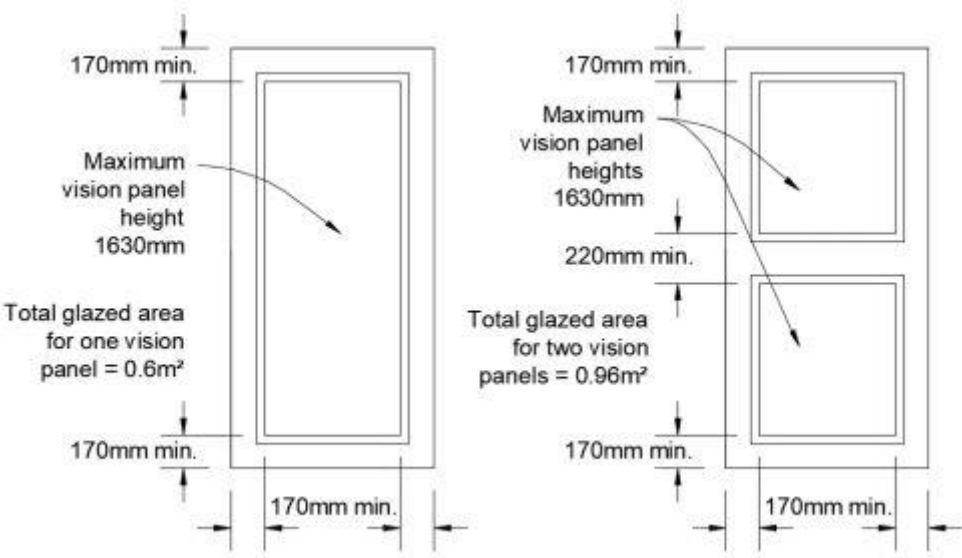
Vision Panel

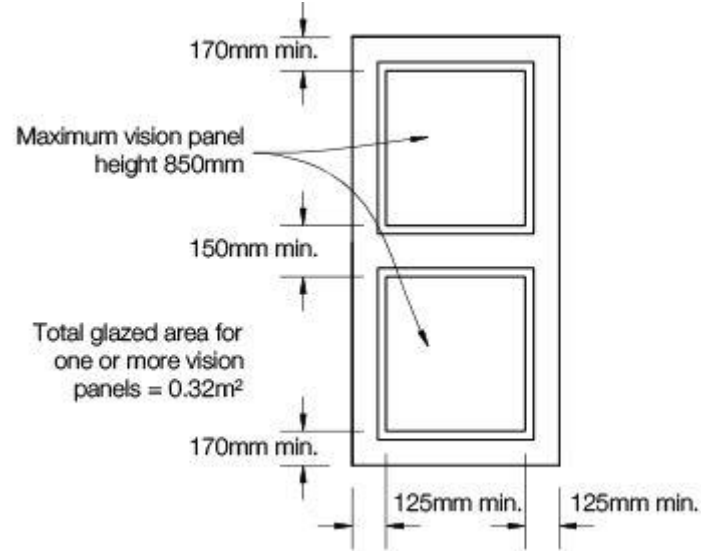| Glazing Type	Maximum Glazed Area	Max Height (mm)	Max Width (mm)	Glazing Bead		FRR with Vision Panel	
				Timber	Aluminum	Up to 0.065m2	Over 0.065m2
Pyrobel *	0.96m2 (4)	1630	860	✔	✔	-/60/60	-/60/30
Georgian Wired	0.32m2	850	950		✔	-/60/60	-/60/-
Firelite	0.32m2	850	950		✔	-/60/60	-/60/-
Robax	0.32m2	850	950		✔	-/60/60	-/60/-
Pyran *	0.32m2	850	950		✔	-/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.
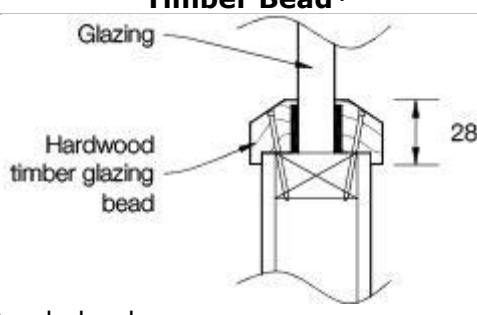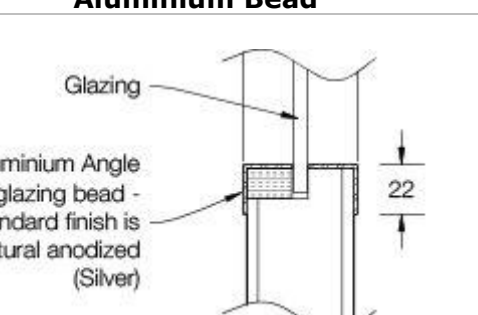4. Maximum 0.6 m2 per pane

Glazing details for Pyrobel glazed vision panels

Glazing Details for Other Glazing Types

Standard Vision Panel Cross Sections

Timber Bead*	Aluminium Bead
Glazing Hardwood timber glazing bead 28 *Pyrobel only	Glazing Aluminium Angle glazing bead - standard finish is natural anodized (Silver) 22

Data Sheet

Performance

Thermal insulation

This door leaf has a thermal insulation rating (R-value) of 0.645 Km2/W.

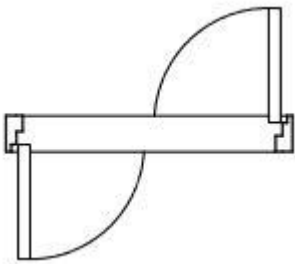## PRODUCT OPTIONAL EXTRAS

Additional Door Options

Push or Kickplates

Push plates or kickplates can be of the below permitted materials and can be either surface mounted or recessed flush. Fixing may be via screws or contact adhesive only.
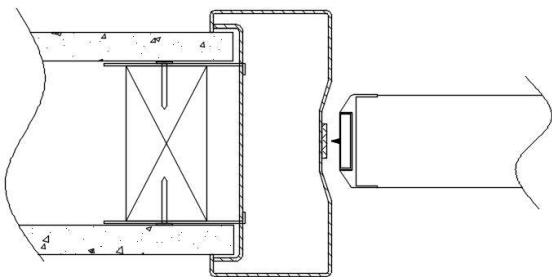
- Steel
- Acrovyn

Restaurant Function

A modified door set allowing two door leaves to open 90o in opposite directions and closing onto short header-fixed stops is available.

Excessive Frame Gaps

Standard gap between leaf edge and frame is 3-4 mm. Gaps between 4-10 mm can be made compliant by inclusion of an intumescent seal in the frame scallop.

Decorative Panels

decorative panels (stone, glass, MDF, plasterboard, hardboard or greenboard) can be added to one face of the door leaf provided:
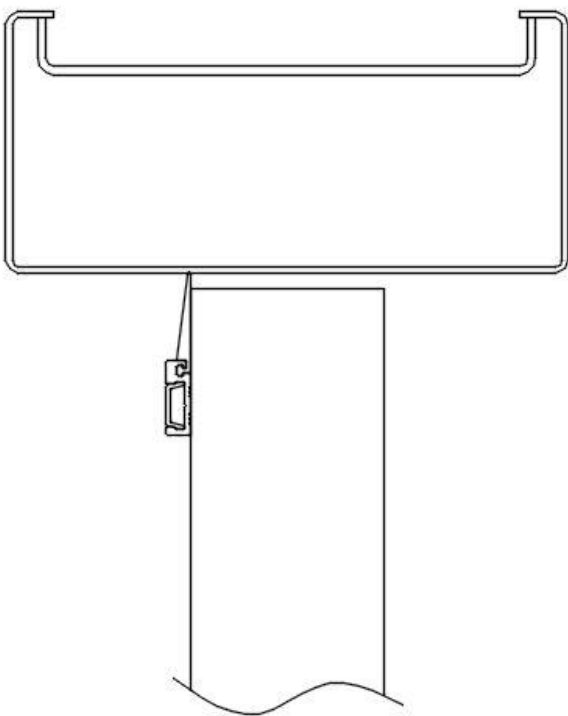
- Panel is glue fixed (no screws or nails)
- Additional weight is less than 20 kg per hinge
- Leaf dimensions are 2400 x 1020 or less
- Leaf is hung in a steel frame

Panels to be installed on site by others. They can be either glued directly to the face of the leaf or onto timber battens glued to the leaf.

Decorative panels are not allowed in conjunction with vision panels.
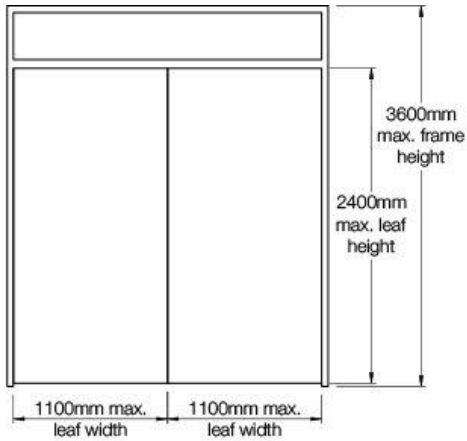
Smoke Control

If a smoke control rating is required, the top edge seal is a Lorient LAS3004si silicone fin seal face mounted to the top of one leaf face.
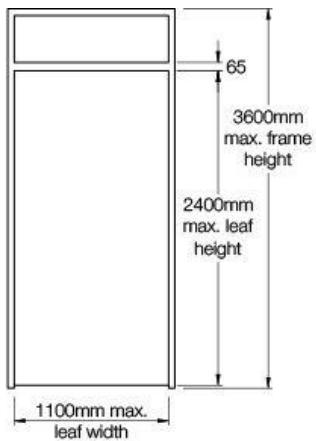
Data Sheet

Overpanel With Transom Elevations in Steel Frame

Overpanels with transom are available to an overall height of 3600mm.

Pair

3600mm max. frame height

2400mm max. leaf height

1100mm max. leaf width | 1100mm max. leaf width

Single

65

3600mm max. frame height

2400mm max. leaf height

1100mm max. leaf width

Steel Transom Overpanel Detail

38

JCB Bolts

Transom closer housed within transom

65

Double action door leaf