



PARKWOOD
COMMERCIAL

RESOLUTE DOORSET SPECIFICATION GUIDE

COMPOSITE DOORS FOR HIGH USAGE, WET AREAS AND HYGIENE



ABOUT RESOLUTE DOORSETS

Parkwood's Resolute door sets are heavy duty doors pre-hung in frames, suited for interior applications.

Resolute doors feature a fiberglass skin for increased impact resistance, with an insulated core to prevent thermal and acoustic transfers. The perimeter of the door is constructed with PVC to ensure a fully sealed door leaf.

Resolute doors can be hung in Parkwood's Resolute Adjustable frame for interior applications or Parkwood's Garrison frames for exterior applications.

Resolute doors are the ideal upgrade from traditional timber-based hollow and solid code doors. Due to the nature of their construction, Resolute doors are not prone to twisting, swelling or delamination, giving a far greater in service life.

A range of customisation is available including paint colours, laminates, hardware, vision panel options and louvre panel options.

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MORE INFORMATION

For further information visit <https://parkwooddoors.co.nz/specifier-library/> to find the following:

- CAD Files (Revit, AutoCad, dwg, PDF)
- Installation Documents
- Masterspec Links

RESOLUTE DOORSET SPECIFICATIONS

Doorset

- Max door leaf size 2400 x 1060 mm.
- Constructed with fiberglass skins, polyurethane core, LVL stiffeners and PVC edges.
- Flush construction with no cappings or protruding extrusions.
- Available with different glazing and louvre configurations.
- Can be painted on site, or Parkwood can mix and paint to any colour.
- For increased wear life, Parkwood can clad with HPL from the Admira range. Aluminium edge capping is standard with this option.
- Go to <https://admira.sg/products/type/solid> to see the full range of standard HPL laminates.
- Louvre grilles available for ventilation.

Glazing

- All glazing is wet sealed in our factory for highest protection against water ingress.
- Glazing cannot be replaced on site.
- Double glazing as standard, with 5mm toughened exterior pane and 4mm toughened exterior pane.
- Full range of clear, translucent, etchlite and tinted glass available.
- Total IGU thickness 23mm.
- Other glazing configurations available on request.

Hardware

- Hung with Parkwood Commercial SS Ball Bearing Butt hinges when used in Resolute frames
- Most commercial hardware (Dormakaba, Allegion, Schlage, Lockwood etc) can be used with Resolute Doorsets, however Parkwood prefer to use Entro Hardware.
- Stainless steel sheet or aluminium treadplate kickplates can be fitted to Garrison door sets to prevent scratching of the door leaf.
- Kickplates are available in a range of heights and to the interior, exterior or both faces.

HOW TO SPECIFY RESOLUTE DOORSETS FOR INTERIOR DOORS

Specification Text:

PA egress doors: Parkwood Resolute composite FL00 door fitted with Raven seal RP130si, hung in Parkwood Resolute adjustable interior frame.

- As per Masterspec 4576PD Parkwood Commercial Personnel Doors
- Door frame powder coated to any Dulux or Interpon architectural powder coat colour.

[If door needs grill or vision panel within it, select option below and remove others]

- Door to have vision panel as per FL5/FL8
- Door to have grill as per FL2/FL4
- Door to have vision panel and grill as per FL54/FL84
- Door to be full louvre CL5

[delete which additional options are not required]

- 4 hinges for doors up to 2200mm, 5 hinges for doors up to 3000mm high.
- Door leaf factory painted with commercial 2K PU paint system
- Door clad with Admira High-Pressure Laminate with aluminium edge clashing
- Fitted with Parkwood Entro commercial hardware:
- Handle/lock: Entro Classroom Lock Kit Cyl/Plain
- Door closer: Entro Standard Arm Door Closer Size 2-5
- Stainless Steel kick plates SS300(300mm high Pair)

DOOR SCHEDULE WORDING

FIELD	SPECIFICATION TEXT [DELETE NON APPLICABLE OPTIONS]
DOORSET	PARKWOOD COMPOSITE RESOLUTE INTERIOR DOORSET
FRAME TYPE	PARKWOOD ALUMINIUM RESOLUTE ADJUSTABLE FRAME
DOOR TYPE	PARKWOOD COMPOSITE RESOLUTE [FL00 / FL05 / FL08 / FL04 / FL02 / FL54 / FL84]
DOOR FINISH	DOOR SUPPLIED [UNFINISHED / PAINTED WITH OECE 2K PU IN [COLOUR] / CLAD WITH ADMIRA HPL IN [COLOUR] WITH ALUMINIUM CLASHING TO EDGES]
FRAME FINISH	POWDERCOATED WITH [DULUX / INTERPON] POWDERCOAT IN [COLOUR]
KICKPLATES	KICKPLATES IN [STAINLESS STEEL / ALUMINIUM TREADPLATE] TO [INSIDE / OUTSIDE / BOTH SIDES] AT [300MM / 800MM / 1200MM] HIGH
HINGES	[4 / 5] OF PARKWOOD COMMERCIAL SS304 BALL BEARING BUTT HINGES
DOOR FURNITURE	ENTRO CLASSROOM LOCK KIT CYL/PLAIN
DOOR CLOSER	ENTRO STANDARD ARM DOOR CLOSER SIZE 2-5
VISION PANEL	PARKWOOD [VP5 / VP8] IN [CLEAR / TRANSLUCENT] SAFETY GLASS

GARRISON HINGE LAYOUT

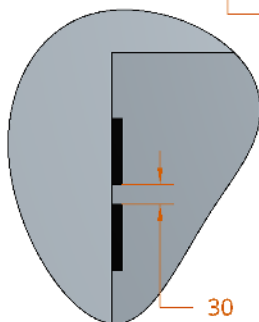
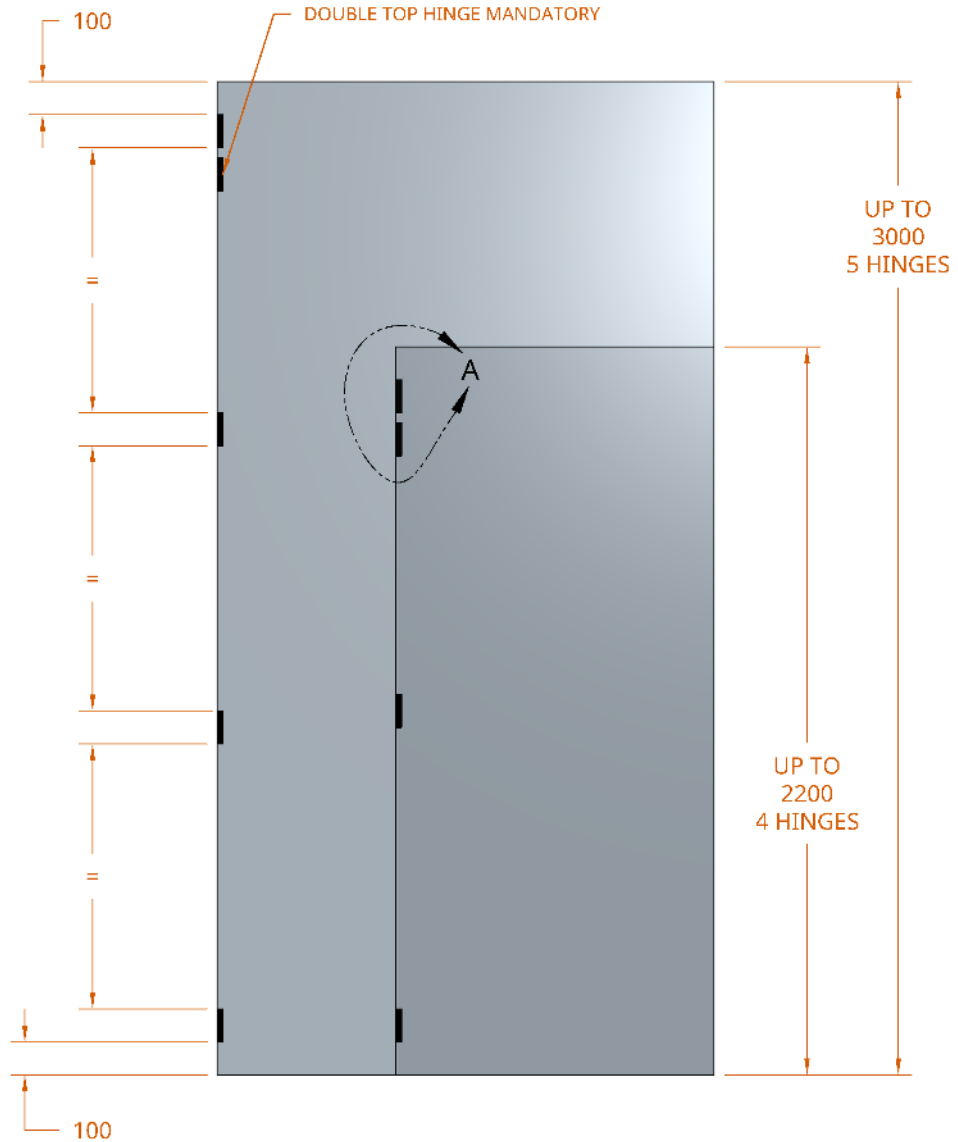
Note: double top hinge not used on lift-off door sets



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DETAIL A

Product Description:		
COMMERCIAL HINGE STANDARD		
Product Code:	---	Date:
Material:	ALUMINIUM	Units:
		EACH

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DOOR PANEL OPTIONS



FLO0



FLO8



FLO5



FLO4



FLO2



FLO0



FLO0

STANDARD VISION PANEL AND LOUVRE GRILLE SIZES

Louvre Grille

For doors less than 860 wide—200 x 450mm, for doors 860 or wider—360 x 560mm

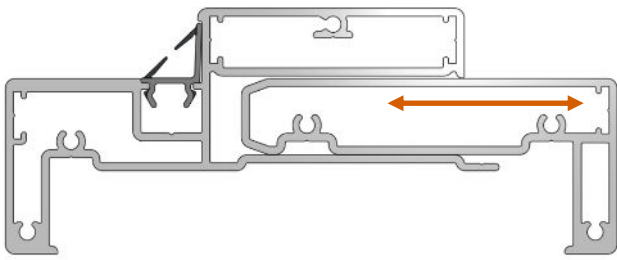
Vision Panel 5

Glass height 465mm, glass width varies with door width

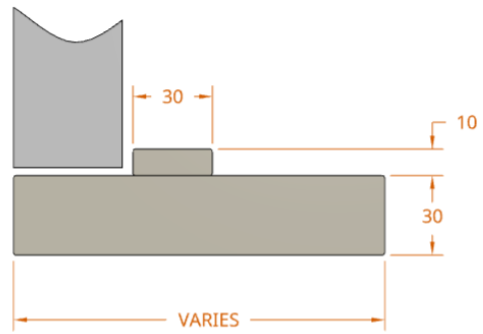
Vision Panel 8

Glass height 730mm, glass width 157mm

INTERIOR FRAME OPTIONS



Resolute Adjustable Frame



Timber Flat Jamb

Wall Construction

Standard timber with plasterboard –10/90/10

Standard timber with plasterboard–13/90/13

Acoustic–timber with plasterboard–26/90/26

Concrete block–140

Concrete block–190

Thickness

110

116

142

140

190

Adaptor

86mm

86mm

86mm

86mm

131mm*

* Check with our team for availability of the 131mm adaptor before specifying

ENTRO HARDWARE OPTIONS

Note: Parkwood stock a much wider range of hardware, other options available on request.



Entro Classroom Kit
ESEBPT0121SS



Entro Door Closer
CLENPT0653SL



Entro Electric Strike
ACENPT7103



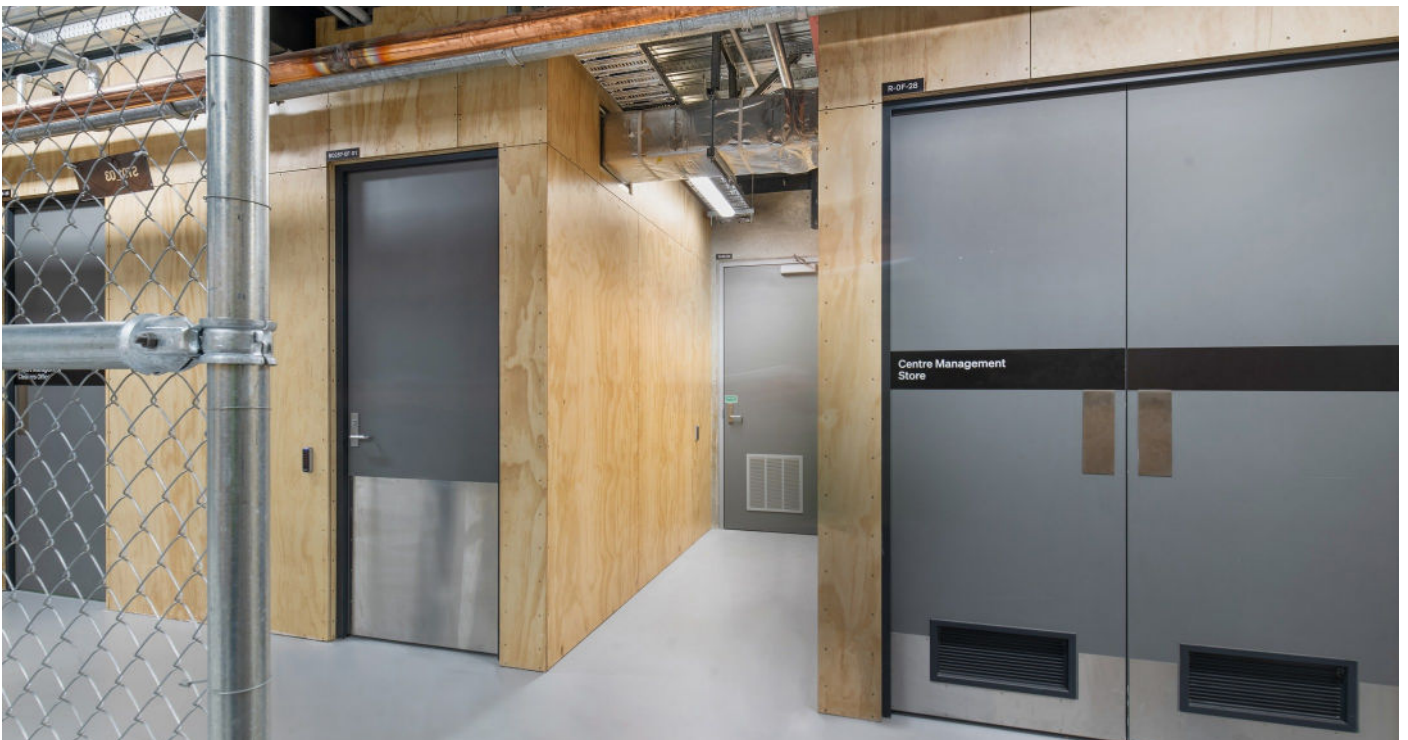
Entro Mortice Lock
LKENPT0160SS



Entro Lever w/ Ind. Release
LVENPT3910SS



Entro Lever w/ Ind. Turn
LVENPT3810SS

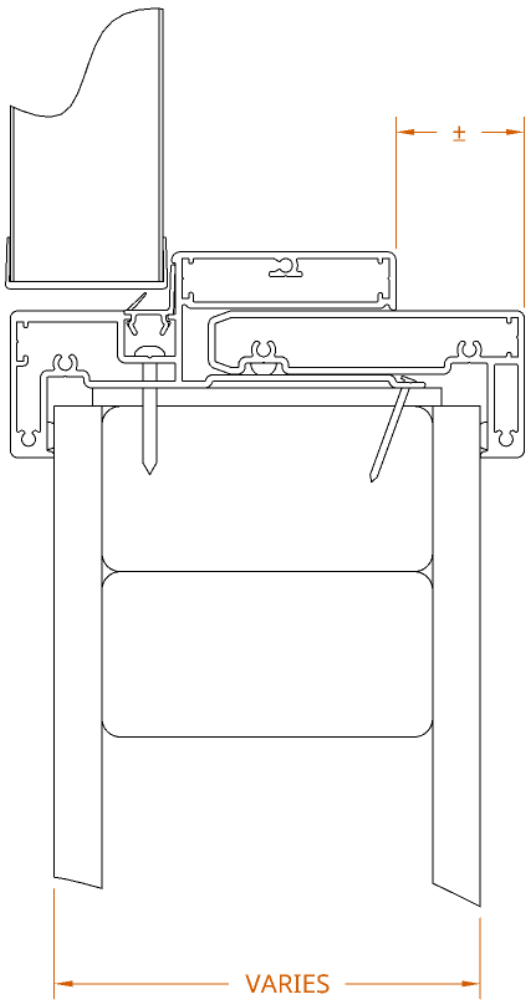




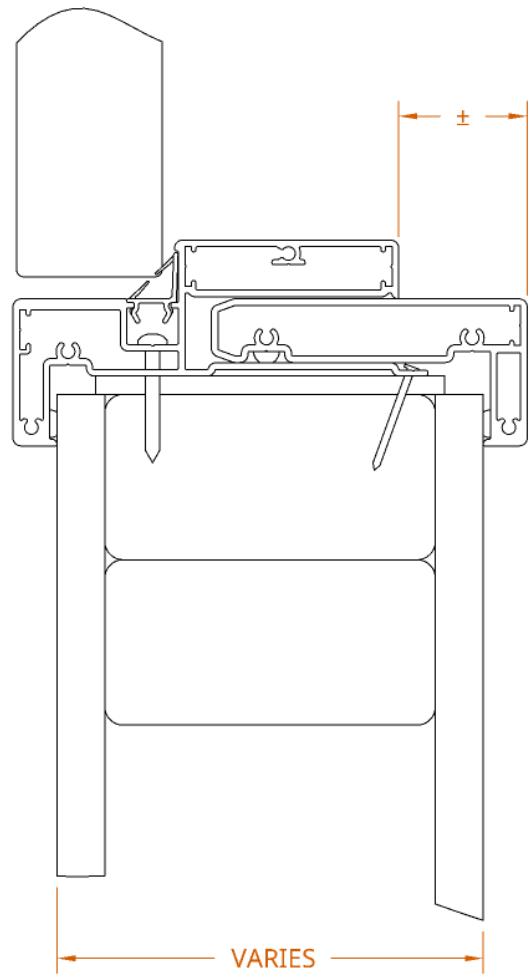
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WITH HPL RESOLUTE DOOR



WITH PAINTED RESOLUTE DOOR

Product Description:			
INSTALL - RESOLUTE ADJUSTABLE			
Product Code:	---	Date:	04/16/2025
Material:	ALUMINIUM	Units:	

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HPL TECHNICAL DATASHEET

High Pressure Laminates (HPL) as per EN 438-2 & 3 : 2016, are available in the standard HGS/VGS range.

Sl. No.	Properties	Test Method	Attributes of Performance	Unit of Measurement	Results (As per EN 438-3)
			EN-438 Laminate Classification		HGS / VGS
1	SURFACE QUALITY				
1.1	Surface quality	EN 438-2:2016 (Clause-4)	Spots, dirt and similar surface defects	mm ² /m ²	≤ 1
			Fibres, hairs and scratches	mm/m ²	≤ 10
2	DIMENSIONAL PROPERTIES				
2.1	Thickness	EN 438-2:2016 (Clause-5)	Thickness tolerance	mm	0.5≤T<1 : ±0.1
				mm	1≤T<2 : ±0.15
2.2	Size	EN 438-2:2016 (Clause-6)	Length and width	mm	+ 10 / - 0
2.3	Straightness of edges	EN 438-2:2016 (Clause-7)	Straightness of edges	mm/m	≤ 1.5
2.4	Squareness	EN 438-2:2016 (Clause-8)	Squareness	mm/m	≤ 1.5
2.5	Flatness	EN 438-2:2016 (Clause-9)	Flatness (measured on full-size sheet)	mm/m	60
3	PHYSICAL PROPERTIES				
3.1	Resistance to surface wear	EN 438-2:2016 (Clause-10)	Wear Resistance - Initial Point	Revolutions	≥ 150 (HGS) / ≥ 50 (VGS)
3.2	Resistance to immersion in boiling water	EN 438-2:2016 (Clause-12)	Appearance - Gloss Finish	Rating	≥ 3
			Appearance - Other Finishes	Rating	≥ 4
3.3	Resistance to water vapour	EN 438-2:2016 (Clause-14)	Appearance - Gloss Finish	Rating	≥ 3
			Appearance - Other Finishes	Rating	≥ 4
3.4	Resistance to dry heat (160°C)	EN 438-2:2016 (Clause-16)	Appearance - Gloss Finish	Rating	≥ 3
			Appearance - Other Finishes	Rating	≥ 4
3.5	Dimensional stability at elevated temperatures	EN 438-2:2016 (Clause-17)	Cumulative dimensional change -	Longitudinal %	≤ 0.55 (HGS) / ≤ 0.75 (VGS)
				Transversal %	≤ 1.05 (HGS) / ≤ 1.25 (VGS)
3.6	Resistance to Wet Heat	EN 438-2:2016 (Clause-18)	Appearance - Gloss Finish	Rating	≥ 3
			Appearance - Other Finishes	Rating	≥ 4
3.7	Resistance to impact with Small diameter ball	EN 438-2:2016 (Clause-20)	Spring Force	N	≥ 20 (HGS) / ≥ 15 (VGS)
3.8	Resistance to cracking under stress	EN 438-2:2016 (Clause-23)	Appearance	Rating	≥ 4
3.9	Resistance to scratching	EN 438-2:2016 (Clause-25)	Appearance - Smooth Finishes	Rating	≥ 2 (HGS) / ≥ 1 (VGS)
			Appearance - Textured Finishes	Rating	≥ 3 (HGS) / ≥ 2 (VGS)
3.10	Resistance to staining	EN 438-2:2016 (Clause-26)	Appearance - Group 1 & 2	Rating	≥ 5
			Appearance - Group 3	Rating	≥ 4
3.11	Light fastness (Xenon arc)	EN 438-2:2016 (Clause-27)	Contrast	Grey scale rating	4 to 5
3.12	Density	EN ISO 1183-1	Density	gm/cm ³	≥ 1.35