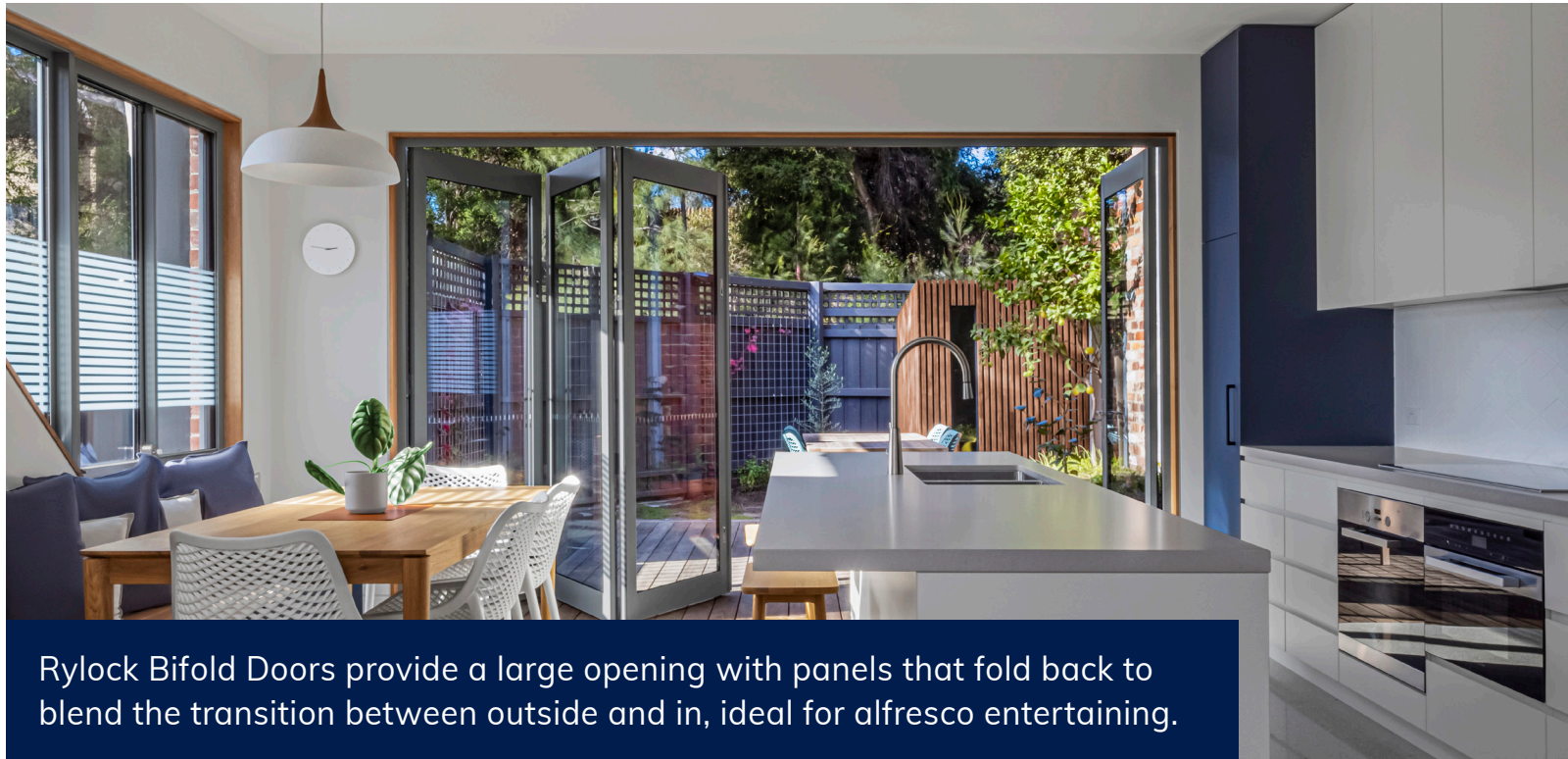


# Bifold Door

COMMERCIAL SERIES - 125mm FRAME

## PRODUCT SPECIFICATION SHEET



Rylock Bifold Doors provide a large opening with panels that fold back to blend the transition between outside and in, ideal for alfresco entertaining.

### TECHNICAL SPECIFICATIONS

Max Product Height	3050mm
Max Product Width	6000mm
Max Panel Height	2929mm <sup>(1)</sup>
Max Panel Width	1000mm <sup>(1)</sup>

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Glazing Capacity	4mm - 25mm
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Wind Rating	N1 - N2
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<sup>(1)</sup> Panel height and width are relative measures, and must comply with maximum area and mass limitations (on page 7).

### ENERGY PERFORMANCE

U <sub>w</sub> Value	4.1 <sup>(2)</sup>
SHGC <sub>w</sub> Range	0.32 - 0.50 <sup>(2)</sup>

<sup>(2)</sup> Energy results are product and size specific. As product sizes reduce, energy values increase. Custom energy results will be supplied with your Quotation - Sales Order.

Rylock Commercial Series Bifold Doors are a bold architectural statement, available in 2, 3, 4, 5 and 6 panel configurations. Designed for seamless indoor-outdoor access, the 50mm sill can be rebated for a “zero threshold” installation, which is compliant with AS1428 – Design for Access and Mobility.

The product’s heavy duty extrusions are assembled with stainless steel fixing plates to maintain each panel’s squareness; and fitted with premium Centor™ bottom-rolling hardware for smooth operation and durability. Discreet pull handles between each panel assist in engaging flush-bolt compression latches for secure locking, ensuring resistance to air and

water infiltration in compliance with AS 2047 *Windows and External Glazed Doors*.

Bifold Doors are glazed in accordance with AS 1288 *Glass in Buildings*, and whilst a large range of options is available, all products are glazed with Grade A Safety Toughened Low-e Double Glazing (Argon Fill) as a standard specification.

Products are powder coated from a selection of 30 standard colours and textures and tested by the CSIRO for durability.

Rylock designs and manufactures products to suit your unique site conditions and project needs. Speak with a Rylock Sales Consultant today to achieve a custom solution.

V25.1

# Bifold Door

## COMMERCIAL SERIES - 125mm FRAME

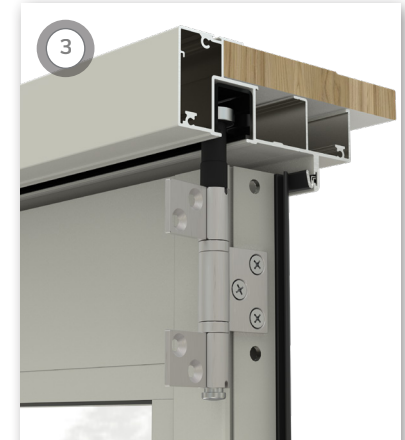
Rylock Commercial Series Bifold Doors are endlessly customisable, offering stunning architectural designs and many outstanding features:



**50mm Sill** can be rebated for "zero threshold" installation, making it an ideal assisted living solution.



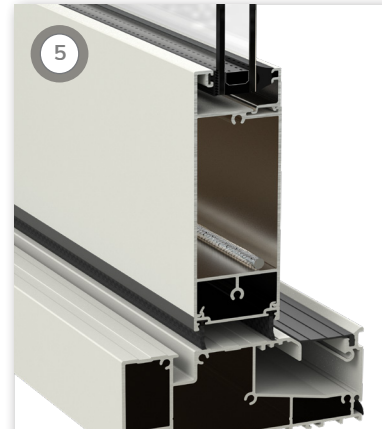
Stainless steel **Fixing Plates** safeguard each panel's squareness and durability at the largest of sizes.



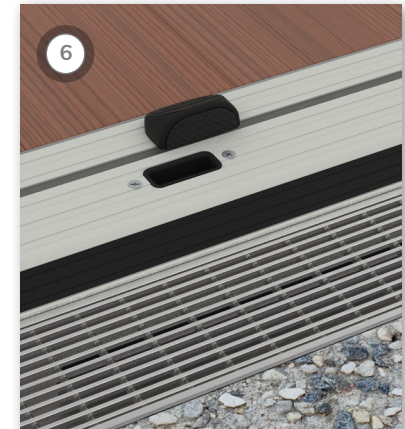
Stainless steel **Centor™ Top Rollers** guide each Bifold Door panel for ease of operation.



Stainless steel **Centor™ Bottom Rolling** ensures smooth operation with concealed floor guide channel.



IGU standard specification is Grade A Safety Toughened Low-e Double Glazing (Argon Fill).



A **Panel Stop** is affixed between panels, at the sill, for a superior seal to reduce air infiltration.

 **NOISE SOLUTION**

 **SECURITY SOLUTION**

 **BUSHFIRE SOLUTION**

 **ACCESS & MOBILITY**

# Bifold Door

## COMMERCIAL SERIES - 125mm FRAME

Rylock offers a selection of high performance hardware solutions for Commercial Series Bifold Doors:

### \*MY LOCK LATCH w/ DDA LEVER

The **\*myLock Latch w/ DDA Lever** (top left) features a contemporary design with comfort hold lever and surface mounted keylock and snib, available in 3 colours: black, white and satin-brushed stainless steel.

### \*MY LOCK LATCH w/ TAPERED LEVER

The **\*myLock Latch w/ Tapered Lever** (top right) features a contemporary design with clean lines and a surface mounted keylock and snib, available in 3 colours: black, white and satin-brushed stainless steel.

\*Standard inclusion hardware options

### PULL HANDLES

Rylock Bifold Doors feature **Centor™ Pull Handles**, (bottom left). Manufactured in architectural-grade stainless steel they are fitted between panels to assist when flush-bolts are engaged. Available in satin-brushed stainless steel only.

### FLUSH-BOLT COMPRESSION LATCHES

Rylock Bifold Doors feature **Flush-bolt Compression Latches**, (bottom right) fitted to the top and bottom of all slave panels to secure the product in place when closed. Designed for durability and ease of use, they are available in stain-brushed stainless steel only.

## HARDWARE OPTIONS

Powder coat frame and hardware colours displayed for visual contrast purposes only.



\*myLock Latch w/ DDA Lever



\*myLock Latch w/ Tapered Lever



Pull Handles



Flush-bolt Compression Latches

# Bifold Door

## COMMERCIAL SERIES - 125mm FRAME

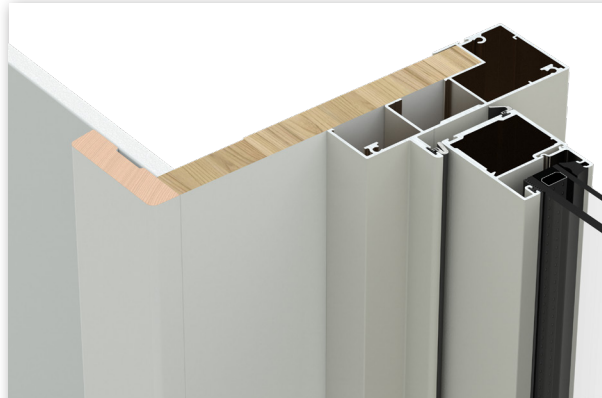
A product's reveal type and depth can be customised to suit various building materials, to achieve a particular architectural style and deliver ultimate customisation.



Example of Plaster Reveal Offset application

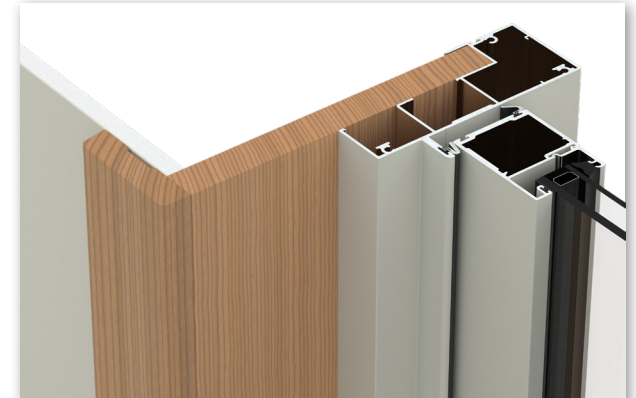
## REVEAL TYPE & DEPTH

Powder coat frame and hardware colours displayed for visual contrast purposes only.



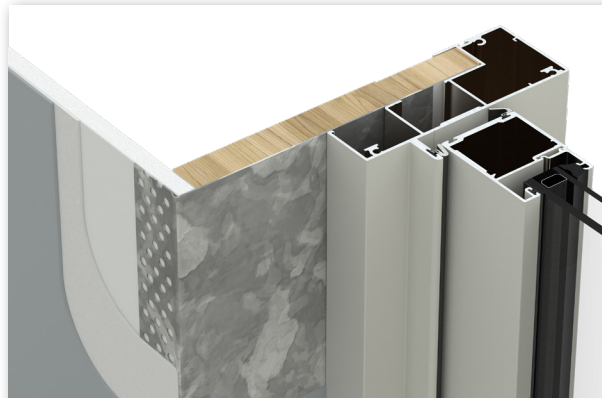
### Primed Timber Reveal

A pre-primed in-line timber reveal for ease of installation is ready for painting.  
Architrave supplied by others.



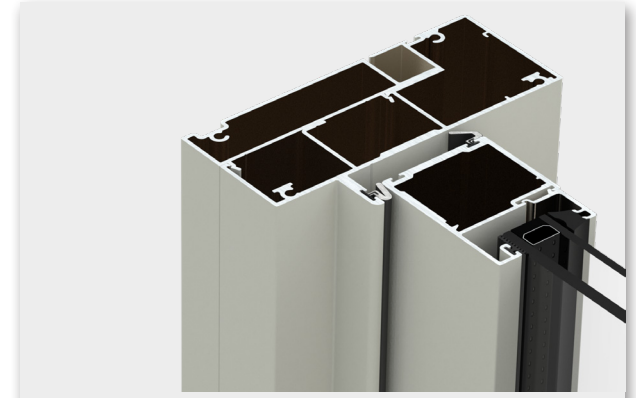
### Hardwood Reveal

Select grade hardwood in-line timber reveal for ease of installation is ready to varnish.  
Architrave supplied by others.



### Plaster Reveal Offset

Common in modern housing construction (pictured left) products are fitted with a 1.6mm spacer to aid installation of the EzyReveal™ system.



### Reveal Equaliser

A versatile solution which provides a powder coated finish to the full height of the internal surface of the frame with concealed fixing pocket.

# Bifold Door

COMMERCIAL SERIES - 125mm FRAME

# TECHNICAL RESOURCES



V25.1

# Bifold Door

## COMMERCIAL SERIES - 125mm FRAME

## SIZING & CONFIGURATIONS

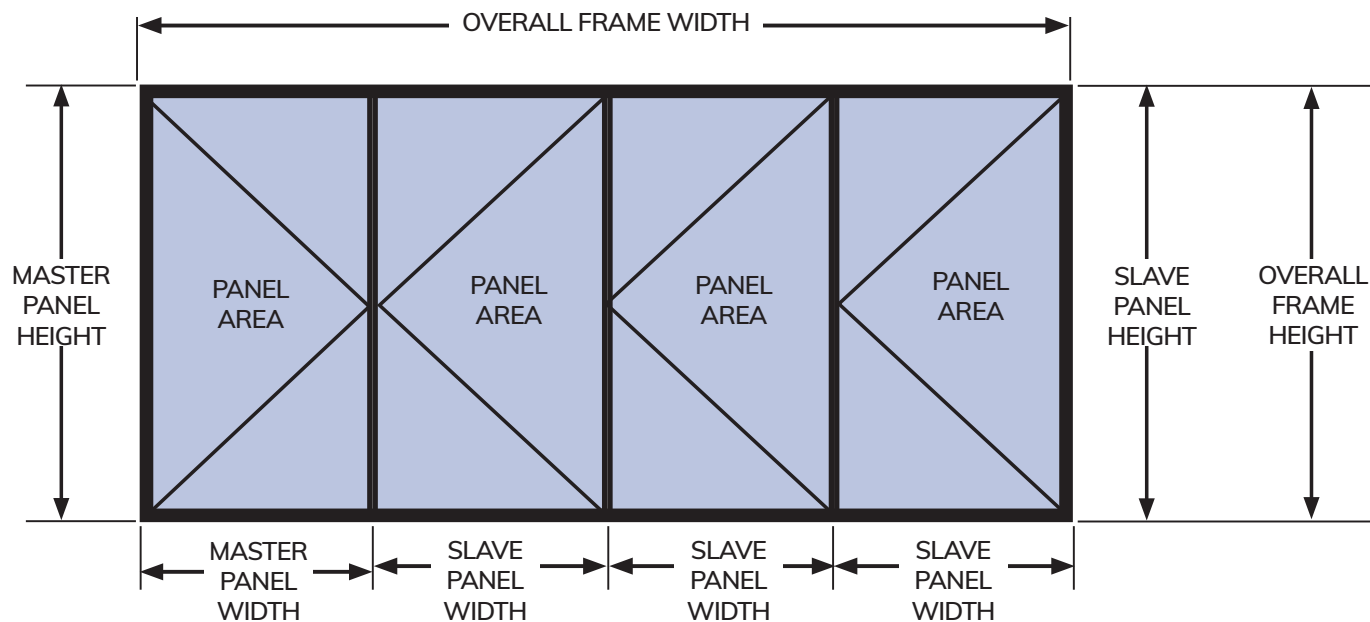
Given the custom nature of Rylock Commercial Series Bifold Doors, product sizes are virtually limitless, provided compliance with Australian Standards is met. Page 7 of this technical resource details Rylock's sizing matrix for Bifold Door Panels which comply with NCC requirements. These resources are best used in consultation with your Rylock Sales Consultant.

Rylock Commercial Series Bifold Doors are available in 2, 3, 4, 5 and 6-panel configurations with varied combinations of left and righthand opening master and slave panels.

This diagram (below) is an example of a Bifold Door in a 4 panel configuration with 1 master panel to the left and 3 slave panels which open to the right.

No products can be coupled to the Commercial Series Bifold Door.

Refer to page 7 for the Bifold Door Panel Sizing Matrix.



# Bifold Door

COMMERCIAL SERIES - 125mm FRAME

## WIND RATING

Up to and including:

# N3

Unless specified otherwise

		PANEL WIDTH (mm)									
		600	650	700	750	800	850	900	950	1000	
FRAME HEIGHT (mm)	1100	3 HINGES									
	1150										
	1200										
	1250										
	1300										
	1350										
	1400										
	1450										
	TO	FROM 1500mm to 2000mm									
	2050	3 HINGES									
	2100										
	2150										
	2200										
	2250										
	2350										
	2400										
	2450										
	2500	4 HINGES									
	2550										
	2600										
	2650										
	2700										
	2750										
	2800										
	2850										
	2900										
	2950										
	3000										
3050											

# BIFOLD DOOR PANEL SIZING MATRIX

These technical resources are best used in consultation with your Rylock Sales Consultant.

## Notes:

- The shaded regions display the allowable sizes for compliance with human impact and non-exposed N-ratings.
- The maximum allowable total glass is 10mm (eg: 5TGH / 10ARG / 5TGH).
- All sizes are based on Outer Frame height and Panel width (not glass dimensions).
- Additional hinges will be installed to each panel when frame height is above 2550mm.

ITEM	HARDWARE OPTIONS	PANEL PARAMETERS			
		Height		Width	
		Min	Max	Min	Max
1	N3 and lower	1100mm	3050mm	600mm	1000mm
2	N1 and N2 only	2750mm	3050mm	650mm	1000mm

# Bifold Door

COMMERCIAL SERIES - 125mm FRAME

## INSTALLATION RESOURCES

These technical resources are best used in consultation with your Rylock Sales Consultant.



Rylock has extensive resources to support customers in the best practice application of its products. Our extensive online library has technical resources including product x-section drawings in PDF and DWG format, typical building-in installation detail with 3D interactive renders, as well as operation and adjustment videos.

The most vital aspect of correct function is correct installation and it is recommended that the manufacturer's specification is always followed as improper installation can lead to air infiltration, moisture and poor overall product performance. Rylock has comprehensive typical building-in detail for four common wall types to assist installers:

- Lightweight Cladding | Linea Board
- Lightweight Cladding | Hebel PowerPanel
- Brick Veneer; and
- Double Brick

[View the CS Series Bifold Door Installation Guide](#)

### SCAN QR CODE FOR INSTALLATION GUIDE

Technical Resources on this page include:

- 3D Interactive Renders
- Typical Building-In Detail CAD Drawings
- Link to the NCC (requires login)
- AGWA Fixing Guide (PDF download)

