

# Servery Window

COMMERCIAL SERIES - 125mm FRAME

## PRODUCT SPECIFICATION SHEET



Rylock Servery Windows enhance a home's indoor and outdoor connection for effortless entertaining when passing food and drinks between living spaces.

Rylock Commercial Series Servery Windows promote ventilation and draw the outside in, for a sense of connection when entertaining between indoor and outdoor spaces. The (openable) sash range of movement is controlled by a black flush pull handle and a stainless steel and rubber panel stop, which ensures there is no damage to the frame when the sash is opened.

Sash seals provide resistance against air and water infiltration for exceptional results in AS 2047 Windows and External Glazed Doors compliance testing. Servery Windows are glazed in accordance with AS 1288 Glass in Buildings and whilst a large range of options

are available, all products are glazed with Grade A Safety Toughened Low-e Double Glazing (Argon Fill) as a standard specification.

Extruded flyscreens (fitted to an external track) are a standard inclusion, with various mesh and Barrier Screen options also available. Products are powder coated in-house from a selection of 30 standard colours and textures and tested by the CSIRO for durability.

Servery Windows are available in many product types including Sliding, Bifold, Double and Single Hung configurations. Speak with a Rylock Sales Consultant about your home or next project to achieve a custom, high performance solution.

### TECHNICAL SPECIFICATIONS

Max Product Height	2150mm
Max Product Width	6000mm
Max Sash Height	2150mm <sup>(1)</sup>
Max Sash Width	2400mm <sup>(1)</sup>

---

Glazing Capacity	4mm - 24.76mm
------------------	---------------

---

Wind Rating	N1 - N3
-------------	---------

---

Air Infiltration	0.5 L/s.m <sup>2</sup>
Water Resistance	360 Pa

<sup>(1)</sup> Sash height and width are relative measures, and must comply with maximum area and mass limitations (on page 6).

### ENERGY PERFORMANCE

U <sub>w</sub> Value	2.8 <sup>(2)</sup>
SHGC <sub>w</sub> Range	0.22 - 0.49 <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.

V23.1

# Servery Window

COMMERCIAL SERIES - 125mm FRAME

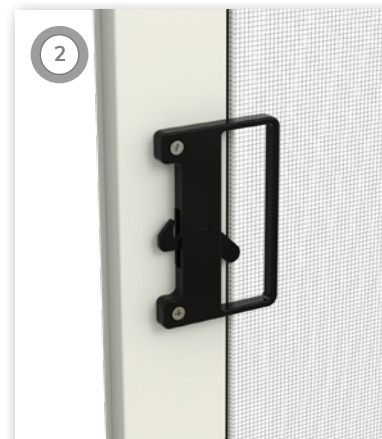
Rylock Commercial Series Servery Windows are endlessly customisable, offering stunning architectural designs and many outstanding features:



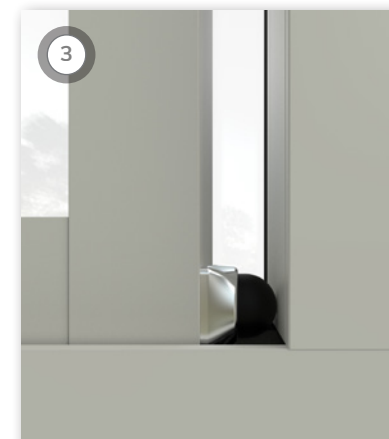
## PRODUCT FEATURES



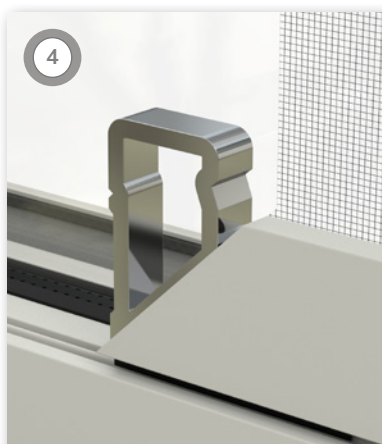
**Flush Pull Handle** controls sash movement and **Sash Seals** minimise water and air infiltration.



The flyscreen with **Latch** can be closed over the open servery sash to discourage insects into the home.



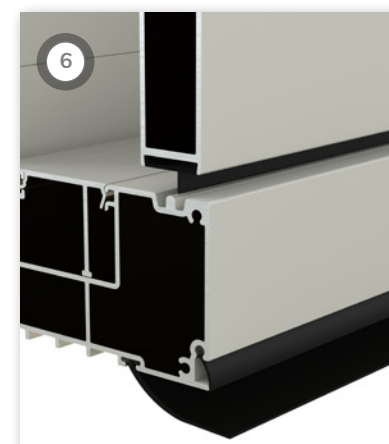
**Stainless Steel and Rubber Panel Stop** ensures no damage to the frame when the sash is opened.



Standard inclusion **Extruded Flyscreens** with hidden **Corner Stake**, plus various mesh and Barrier Screens options.



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



Optional **Sill Flap** expels water from the building for Brick Veneer and Double Brick applications.

 NOISE SOLUTION

 SECURITY SOLUTION

 BUSHFIRE SOLUTION

# Servery Window

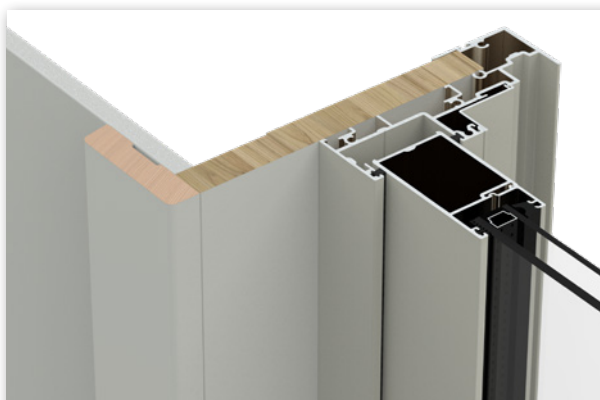
COMMERCIAL SERIES - 125mm FRAME

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.



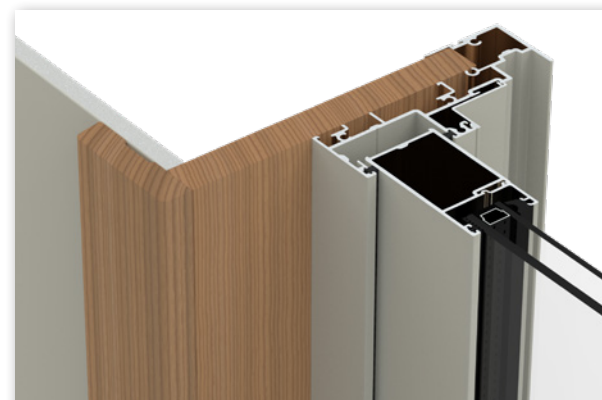
Example of Plaster Reveal Offset application

## REVEAL TYPE & DEPTH



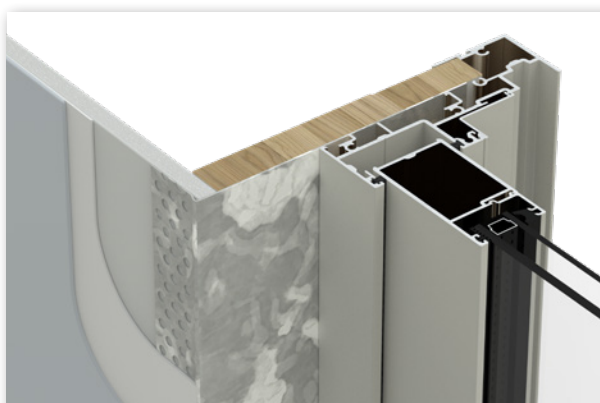
### Primed Timber Reveal

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



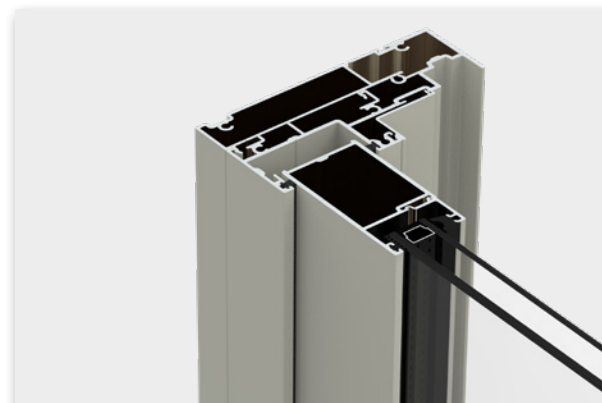
### Hardwood Reveal

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.

# Servery Window

COMMERCIAL SERIES - 125mm FRAME

# TECHNICAL RESOURCES



V23.1

# Servery Window

## COMMERCIAL SERIES - 125mm FRAME

## SIZING & CONFIGURATIONS

Given the custom nature of Rylock products, sizing and configurations are virtually limitless, provided compliance with Australian Standards is met.

Page 6 of this technical resource details Rylock's sizing matrix for the Servery Window sash which complies with the NCC's requirements.

Pages 7, 8 and 9 detail the respective sizing matrices for Fiber Glass and Stainless Steel Flyscreens and Barrier Screen products.

These resources are best used in consultation with your Rylock Sales Consultant or alongside Rylock's Revit Library, which features in-built sizing limitations.

This diagram (right) is an example which highlights the relationship between the size of a Servery Window and other coupled products. Servery Windows can be coupled to other products with a 125mm depth from the Rylock Commercial Series range, either as highlight or sidelite solutions, provided each individual panel meets the product's compliance requirements.

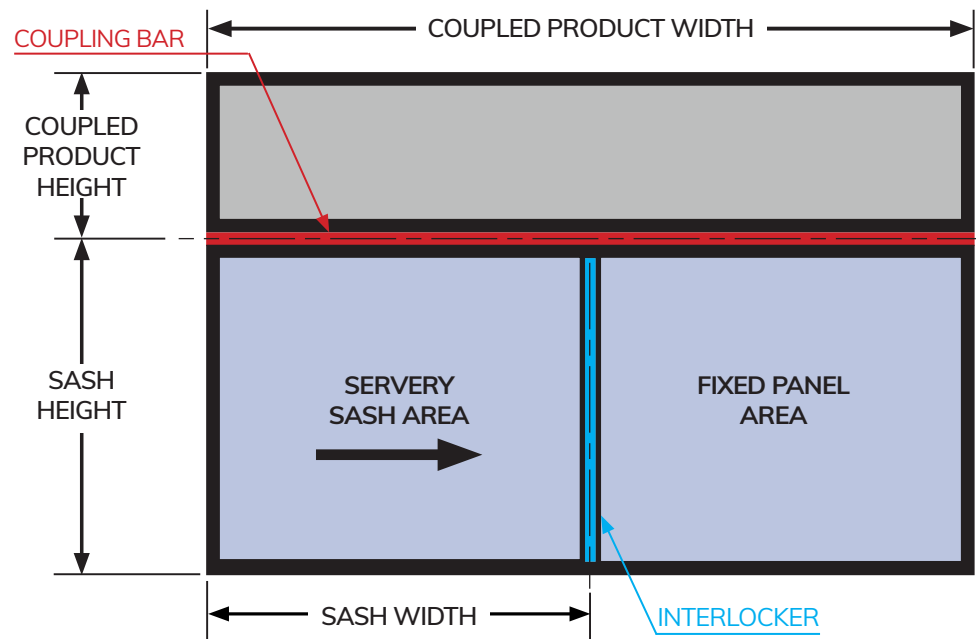
Servery Window parameters, (shown in blue in this diagram), detail the size limitations that correspond to maximum panel area.

Refer to page 6 for the Servery Window Sizing Matrix.

Refer to page 7 for the Servery Window Fiber Glass Flyscreen Sizing Matrix.

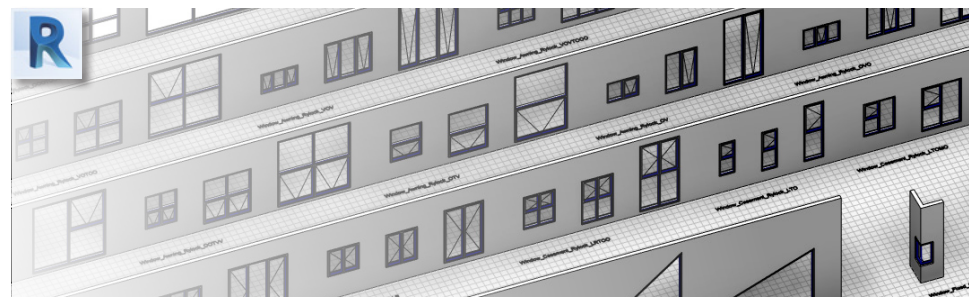
Refer to page 8 for the Servery Window Stainless Steel Flyscreen Sizing Matrix.

Refer to page 9 for the Servery Window Barrier Screen Sizing Matrix.



Rylock's Commercial Series Revit Library offers a comprehensive family of product configurations for integration into your next project. Parametric modelling aids the specification of Rylock product, with a content library that is comprised of 8 primary product ranges, with 64 separate families that represent a wide range of overall size and configuration options.

Designers and Architects can download the Revit virtual showroom, product library and user guide at our website: [www.rylock.com.au/resources/specify](http://www.rylock.com.au/resources/specify)



# Servery Window

COMMERCIAL SERIES - 125mm FRAME

## SERVERY SASH SIZING MATRIX

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



WIND RATING Up to and including: <b>N3</b>		SASH WIDTH - FRAME DIMENSION (mm)																																			
		750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400		
SASH HEIGHT - FRAME DIMENSION (mm)	900																																				
	950																																				
	1000																																				
	1050																																				
	1100																																				
	1150																																				
	1200																																				
	1250																																				
	1300																																				
	1350																																				
	1400																																				
	1450																																				
	1500																																				
	1550																																				
	1600																																				
	1650																																				
	1700																																				
1750																																					
1800																																					
1850																																					
1900																																					
1950																																					
2000																																					

**Standard Interlock**  
Min Structural Member required

		SERVERY SASH PARAMETERS				
		Height		Width		Max Area (Nominal)
ITEM	INTERLOCKER REQUIRED	Min	Max	Min	Max	
1	Standard Interlock	900mm	2000mm	750mm	2400mm	6m <sup>2</sup>

**Notes:**

- The shaded regions display the type of interlocker required for structural integrity at N3 (SLS = 800Pa).
- Sashes of given sizes meet compliance requirements with human impact and N1 - N3 wind rating.
- Sashes with a height to width ratio  $\geq 3:1$  can have a tendency to pitch during operation.
- Various glazings are available with specific sizing limitations and must not exceed maximum allowable sash mass (180kg).
- All sizes are based on outer frame dimensions (not glass dimensions).

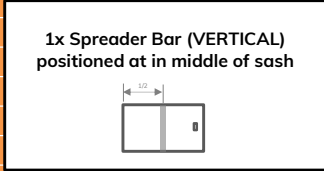
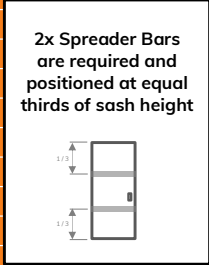
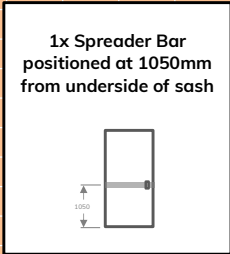
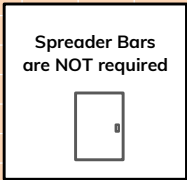
		FIBRE GLASS FLYSCREEN SASH WIDTH - NOMINAL DIMENSION (mm)																															
		750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300
FIBRE GLASS FLYSCREEN SASH HEIGHT NOMINAL DIMENSION (mm)	900													<div style="border: 1px solid black; padding: 5px; text-align: center;">                     Spreader Bars are NOT required   </div>																			
	950																																
	1000																																
	1050																																
	1100																																
	1150																																
	1200																																
	1250																																
	1300																																
	1350																																
	1400																																
	1450																																
	1500	<div style="border: 1px solid black; padding: 5px; text-align: center;">                     Spreader Bars are NOT required   </div>																															
	1550																																
	1600																																
	1650																																
1700																																	
1750																																	
1800																																	
1850																																	
1900																																	
1950																																	
2000																																	

		SCREEN SASH PARAMETERS			
		HEIGHT		WIDTH	
ITEM	SPREADER BARS	Min	Max	Min	Max
1	No Spreader Bars required	900mm	2000mm	750mm	2400mm
2	1 x Horizontal Spreader Bar	900mm	2000mm	750mm	1545mm
3	1 x Vertical Spreader Bar	1250mm	2000mm	1550mm	2400mm

**Notes:**

- The shaded regions display the sizes of fiber glass flyscreens available with spreader bars as specified.
- When 1 x spreader bar is required, it will be positioned at 1050mm from the underside of the sash to align with manifestations.
- All sizes shown are for both standard flyscreens as well as the more durable Pet Mesh. Neither can be used in BAL zones  $\geq 12.5$ .




		STAINLESS STEEL FLYSCREEN SASH WIDTH - NOMINAL DIMENSION (mm)																															
		750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300
STAINLESS STEEL FLYSCREEN SASH HEIGHT NOMINAL DIMENSION (mm)	900																			1x Spreader Bar (VERTICAL) positioned at in middle of sash													
	950																																
	1000																																
	1050																																
	1100																																
	1150																																
	1200																																
	1250																																
	1300																																
	1350																																
	1400																																
	1450																																
	1500	Spreader Bars are NOT required																															
	1550																																
	1600																																
	1650																																
1700																																	
1750																																	
1800																																	
1850																																	
1900																																	
1950																																	
2000																																	



						SCREEN SASH PARAMETERS			
						HEIGHT		WIDTH	
ITEM	SPREADER BARS					Min	Max	Min	Max
1	No Spreader Bars					900mm	2000mm	750mm	1245mm
2	1 x Horizontal Spreader Bar					900mm	2000mm	1250mm	1545mm
3	1 x Vertical Spreader Bar					900mm	1200mm	1850mm	2400mm
4	2 x Horizontal Spreader Bars					900mm	1200mm	1250mm	1800mm

**Notes:**

- The shaded regions display the sizes of stainless steel flyscreens available with spreader bars as specified.
- When 1 x spreader bar is required, it will be positioned at 1050mm from the underside of the sash to align with manifestations.
- When 2 x spreader bars are required, they will be positioned at 1/3 and 2/3 of the overall height.
- Stainless steel flyscreens are required for BAL-12.5 to BAL-40 zones.

		BARRIER SCREEN SASH WIDTH - FRAME NOMINAL DIMENSION (mm)																															
		750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300
BARRIER SCREEN SASH HEIGHT NOMINAL DIMENSION (mm)	900	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <p><b>BARRIER SCREEN</b> Spreader Bars are NOT required</p>  </div> <div style="width: 35%; border: 1px solid black; padding: 5px;"> <p><b>BARRIER SCREEN</b> 1x Vertical Spreader Bar positioned in middle of door</p>  </div> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <p><b>BARRIER SCREEN</b> 1x Spreader Bar positioned at 1050mm from underside of door</p>  </div> </div>																															
	950																																
	1000																																
	1050																																
	1100																																
	1150																																
	1200																																
	1250																																
	1300																																
	1350																																
	1400																																
	1450																																
	1500																																
	1550																																
	1600																																
	1650																																
1700																																	
1750																																	
1800																																	
1850																																	
1900																																	
1950																																	
2000																																	

							FIXED LITE PARAMETERS			
							HEIGHT		WIDTH	
							Min	Max	Min	Max
BARRIER SCREEN 1-Point Lock	ITEM	SPREADER BARS					Min	Max	Min	Max
	1	No Spreader Bars					900mm	2000mm	750mm	1245mm
	2	1 x Horizontal Spreader Bar					1550mm	2000mm	1250mm	1800mm
3	1 x Vertical Spreader Bar					900mm	1545mm	1250mm	2400mm	

**Notes:**

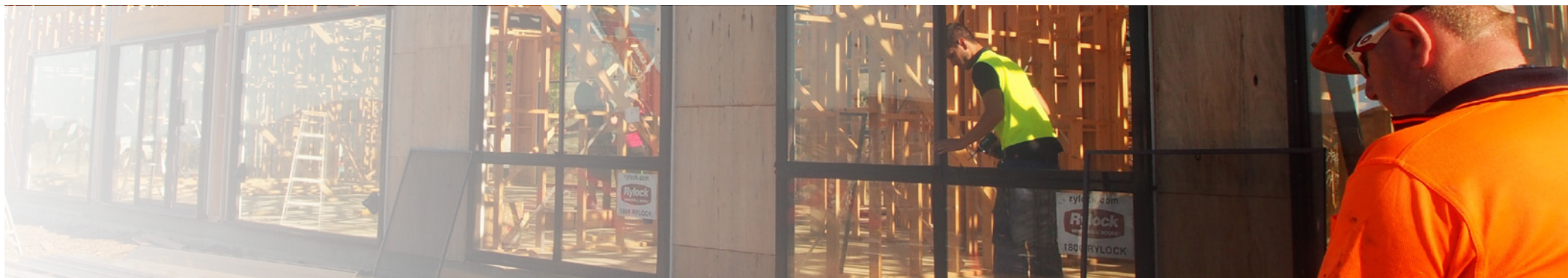
- The shaded regions display the screen classification and the number of spreader bars required.
- Barrier Screens are only available for heights between 1500mm - 2095mm to allow for fitment of a 1-point lock.
- When 1 x spreader bar is required, it will be positioned at 1050mm from the underside of the sash to align with manifestations.

# Servery Window

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 Commercial Series Servery Window 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)

