

ARCHITECTURALLY  
DESIGNED

  
**carinya**  
RESIDENTIAL  
WINDOWS AND DOORS

 **alspec**<sup>®</sup>  
EVERYTHING ALUMINIUM  
& HARDWARE



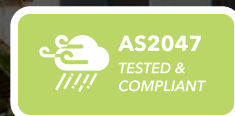
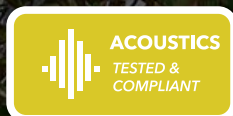
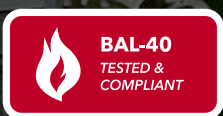
Enjoy great style and even greater peace of mind.

As one of the country's most respected aluminium product suppliers, our Australian-designed, manufactured, and tested windows and doors fit seamlessly into your home.

That's why we called our collection 'Carinya' - it's aboriginal for 'happy, peaceful home.'

## Tested Collection

The Carinya collection of window and door systems has been tested to comply with the relevant standards and NCC (National Construction Code).







## Why choose Carinya?

Carinya is Alspec's residential collection of windows and doors.

- Modern designs
- Custom-made
- Designed in Australia for Australian conditions
- Superior performance
- Locally manufactured

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# How do I choose windows and doors for my home?

Choosing windows and doors for your home is a vital part of the process. It's important to get it right to ensure your daily life is the best it can be.

Ensure you speak to an expert regarding building codes specific to your project.

## Considerations:



Operation & Purpose



Energy Efficiency



Ventilation



Natural Light &  
Maximise Views



Climate Zone



Colours & Finishes



Hardware



Glass



Screening

## Explore the Carinya Range

### *The Classic Range*

Windows and doors to suit all homes. Our classic products include sliding windows, sliding and stacking doors, double-hung windows, and awning windows.

### *The Select Range*

Choose our premium windows and doors, including hinged, sliding, double-hung, and bi-fold doors.

### *The Comfort Range*

Our collection of Thermally Broken windows and doors.







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CLASSIC RANGE





# SLIDING WINDOWS

Sliding Windows provide wonderful natural light and ventilation.

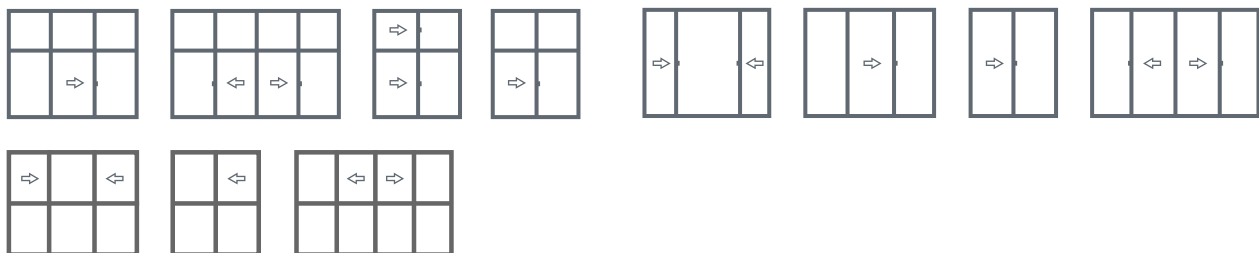
## Key features:

- Frame options: 50mm or 92mm
- Windows glide effortlessly thanks to our exclusive adjustable handle and proprietary roller system
- Welcome in natural light and ventilation through single or double-opening panels
- Ease of operation
- Anti-lift block for security
- Weather flaps prevent insects and water infiltration
- Corner blocks reduce twisting and improve energy efficiency

## Technical Specifications:

Maximum sash height	1500mm
Maximum sash width	1200mm
Maximum single glazed thickness	10.5mm
Maximum double glazed thickness	18mm
Maximum sash weight	40kg
Frame options	50mm or 92mm

## Typical Configurations:







# DOUBLE HUNG WINDOWS

Double hung windows are the perfect choice for maximising cross-flow ventilation in your home.

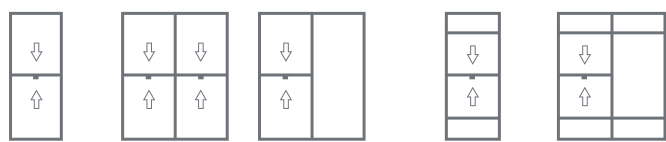
## Key features:

- Fantastic ventilation without the external protrusion
- Easy to clean and operate
- Designed with two sashes that slide vertically
- Customise your security - handles come with keys or a simple latch mechanism
- Weather flaps prevent insects and water infiltration
- Easy to remove sashes (92mm frame)

## Technical Specifications:

Frame width	50mm
Maximum sash height	1090mm
Maximum sash width	1000mm
Maximum single glazed thickness	8.5mm
Maximum double glazed thickness	N/A
Maximum sash weight	20kg

## Typical Configurations:







# AWNING/CASEMENT WINDOWS

Awning/Casement Windows are a popular choice amongst many Australians.

## Key features:

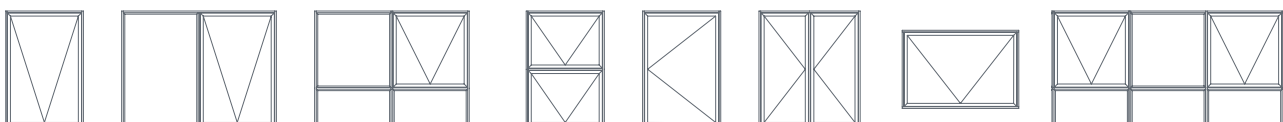
- Frame options: 50mm or 92mm
- Provide great energy efficiency and ventilation, even when it's raining
- A designer bevelled edge frame
- Option for a wide sash for high-end residential/semi-commercial applications
- End caps over sharp corners for a sleek look and smooth finish
- Choose a standard opening for maximum airflow or a restricted opening for safety and security
- Integrated screening provision.

## Technical Specifications:

Maximum sash height	2100mm
Maximum sash width	2100mm
Maximum single glazed thickness	10.5mm
Maximum double glazed thickness	18mm
Maximum sash weight	40kg
Frame options	50mm or 92mm

Semi-commercial 60mm sash option available.

## Typical Configurations:







# SLIDING DOORS

This product has evolved out of a system designed for the high rise apartment market. This commercial background means that besides a modern designer look, it is packed with a multitude of performance features.

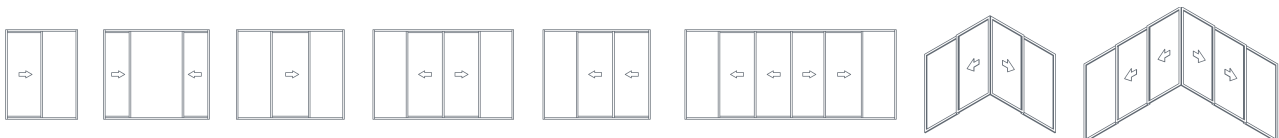
## Key features:

- Frame size 92mm or 150mm sliding stacking systems
- Internal concealed weather flap
- Various sill options including wheelchair-accessibility
- A range of interlock options to meet a wide variety of wind load requirements up to the most demanding cyclonic conditions
- Integral screen tracks built in

## Technical Specifications:

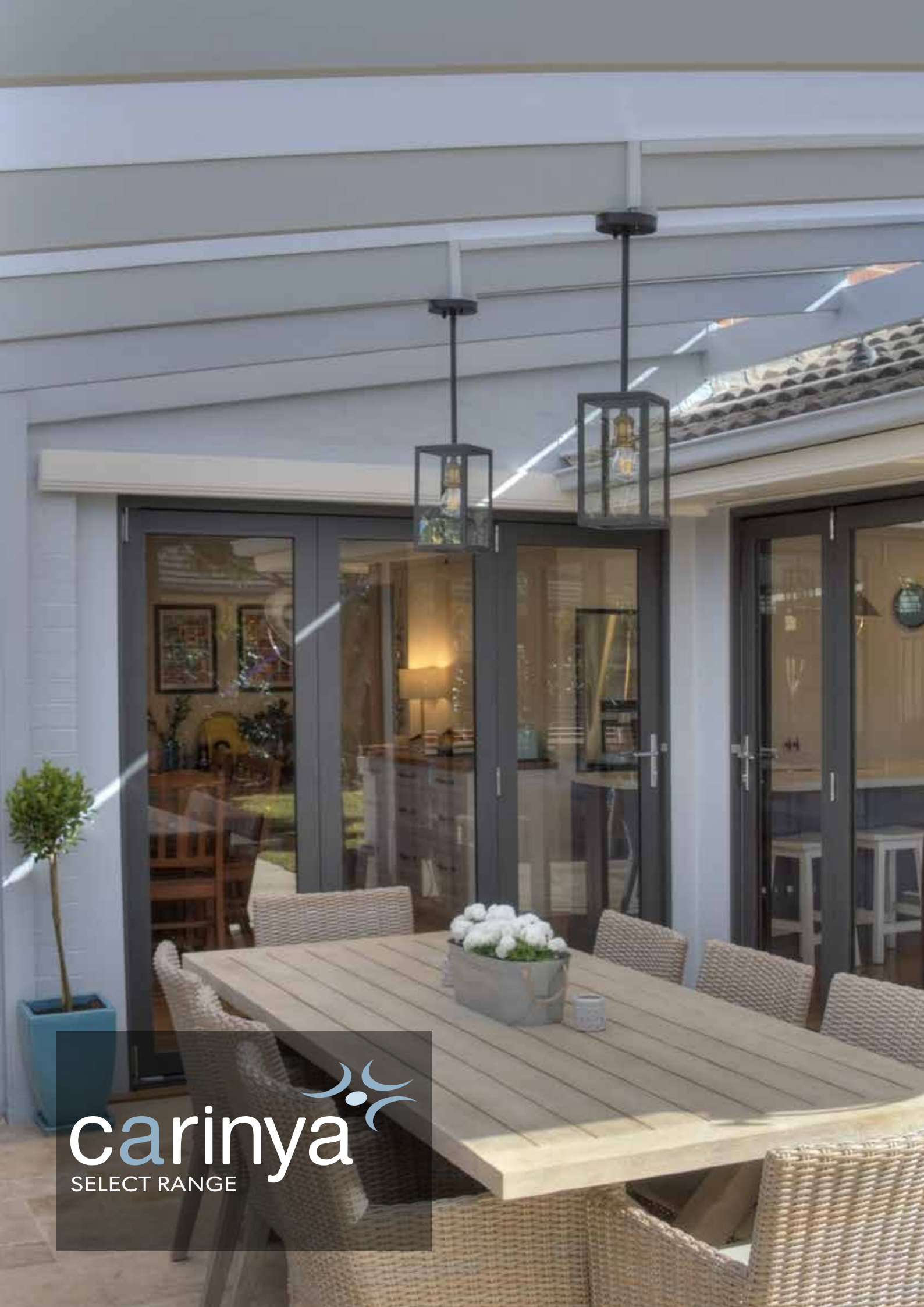
Maximum sash height	2700mm (N2 zone only)
Maximum sash width	1500mm (N2 zone only)
Maximum single glazed thickness	10.5mm
Maximum double glazed thickness	18mm
Maximum sash weight	200kg

## Typical Configurations:









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SELECT RANGE





# DOUBLE HUNG WINDOWS

Double hung windows are the perfect choice for maximising cross-flow ventilation in your home.

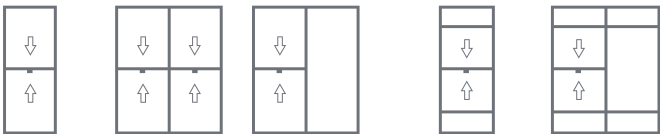
## Key features:

- Fantastic ventilation without the external protrusion
- Easy to clean and operate
- Designed with two sashes that slide vertically
- Customise your security - handles come with keys or a simple latch mechanism
- Weather flaps prevent insects and water infiltration
- Easy to remove sashes (92mm frame)

## Technical Specifications:

Frame width	92mm
Maximum sash height	1090mm
Maximum sash width	1000mm
Maximum single glazed thickness	10.5mm
Maximum double glazed thickness	18mm
Maximum sash weight	20kg

## Typical Configurations:







# HINGED DOORS

Create a grand entry with superior functionality and style. Hinged doors are also a popular choice for laundry doors and side doors.

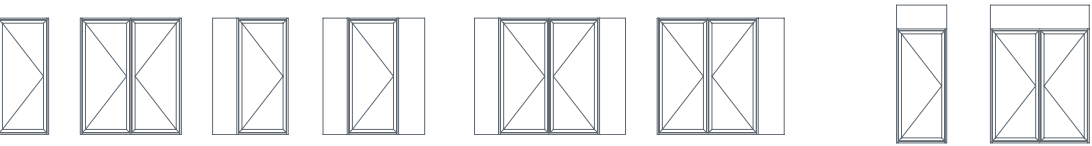
## Key features:

- Frame options: 92mm or 125mm
- 92mm frame for when screening is not required or for typical open out configurations - this also allows flexibility in design and budget
- 125mm frame allows for integrated screening as well as multiple configuration options - single, double or sidelights
- Wide range of configuration options
- Various hardware options

## Technical Specifications:

Maximum sash height	2400mm
Maximum sash width	1200mm
Maximum single glazed thickness	10.5mm
Maximum double glazed thickness	24mm
Maximum sash weight	50kg
Frame options	125mm or 92mm

## Typical Configurations:







# BI-FOLD DOORS

A premium solution for those seeking superior functionality and style in the alfresco area of their home, seamlessly connect indoors and outdoors.

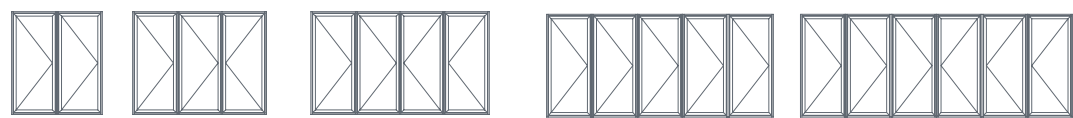
## Key features:

- The modern design features sleek 92mm frame
- Flat sill options
- Various hardware options
- Optional mid rails multi-point locking for different configurations
- The Bottom rolling Bi-Fold system features the innovative F2/F3 Centor Bottom rolling hardware which overcomes the requirement for any structural beam as needed in a conventional top hung Bi-Fold system
- The Top rolling Bi-Fold system features the Alspec commercial grade E2A Centor rolling hardware which has been used and proven overtime in commercial projects

## Technical Specifications:

Maximum sash height	2400mm
Maximum sash width	900mm
Maximum single glazed thickness	10.5mm
Maximum double glazed thickness	24mm
Maximum sash weight	40kg (F2), 80kg (F3), 60kg (E2A)

## Typical Configurations:









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COMFORT RANGE





# THERMALLY BROKEN AWNING/CASEMENT WINDOW

The Carinya Thermally Broken Awning/Casement Window can boost your home's comfort and energy efficiency by reducing your energy consumption and costs. They are the ideal choice for architecturally designed homes.

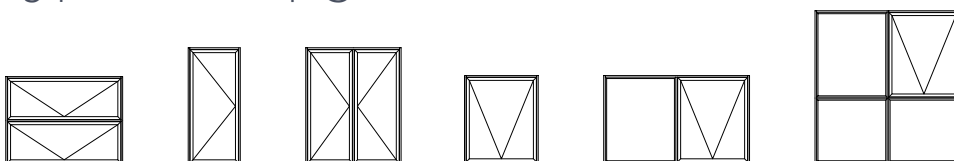
## Key features:

- A designer bevelled edge frame is standard for Carinya awning and casement windows, with an option of 48mm and 60mm wide sash for high-end residential applications
- The integrated hinge design is incorporated entirely within the frame to achieve the clean designer finish
- Utilises a strong 'Double Strut' thermal break construction for maximum strength in the sash
- Excellent  $U_w$  values 2.6 - 3.3
- Integrated screening options available
- Sash features internal and external weather seals for maximum performance
- Electric chainwinder option
- Thermal insulation strip to minimise the transfer of heat and cold

## Technical Specifications:

Maximum sash height	2455mm
Maximum sash width	2100mm
Maximum weight	40kg

## Typical Configurations:







# THERMALLY BROKEN HINGED DOOR

Minimise the transfer of heat and cold with the Carinya Thermally Broken Hinged Door. Ideal as a single-entry door or pair of French doors.

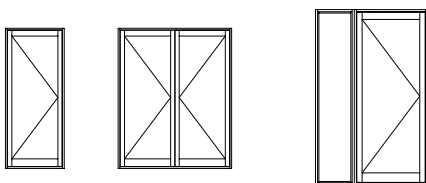
## Key features:

- A generous 125mm frame allowing for integrated screening, as well as multiple combinations of open in or open out, single, double, highlights or sidelights
- The Carinya attention to detail includes concealed nylon flush bolt guides for smooth, silent flush bolt operation
- Utilises a strong 'Double Strut' thermal break construction for maximum strength in the sash
- A bold and architectural look
- Low  $U_w$  values 2.3 - 3.2
- Integrated screening options available
- Sash features internal and external weather seals for maximum performance
- Thermal insulation strip to minimise the transfer of heat and cold

## Technical Specifications:

Maximum sash height	2700mm
Maximum sash width	1200mm
Maximum weight	Dependent on hardware

## Typical Configurations:







# THERMALLY BROKEN SLIDING DOOR

Boost your home’s comfort and energy efficiency whilst making the most of your views and entertaining.

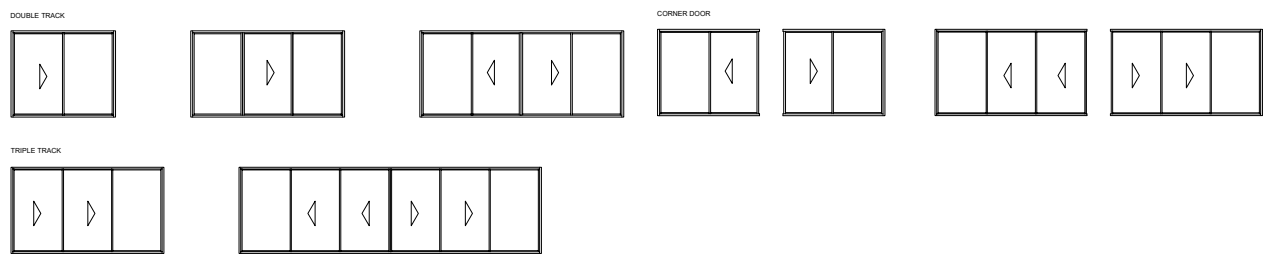
## Key features:

- A complete range of threshold and jamb in-fills as well as end caps to conceal all cavities. This not only provides a superior quality, commercial grade finish but also minimises places for insects, dirt and grit to gather
- An internally concealed weather flap also reduces air and water infiltration and minimises insect intrusion through the drain holes
- There is also a range of attractive interlock options to meet a wide variety of wind load requirements up to the most demanding cyclonic conditions
- Utilises a strong ‘Double Strut’ thermal break construction for maximum strength in the sash
- Excellent Uw values 2.2 - 3.1
- Integrated screening options available
- Sash features internal and external weather seals for maximum performance
- Thermal insulation strip to minimise the transfer of heat and cold

## Technical Specifications:

Maximum sash height	2700mm
Maximum sash width	1500mm
Maximum weight	300kg

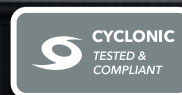
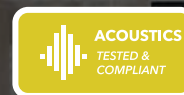
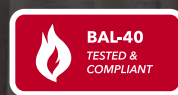
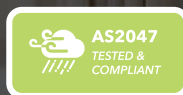
## Typical Configurations:







# TESTED SYSTEMS



Classic Range	Sliding Window	✓	✓	✓	✓
	High Performance Sliding Window	✓	✓		
	Sliding Door	✓	✓	✓	✓
	Double Hung Window	✓		✓	
	Awning Window	✓	✓	✓	
Select Range	Double Hung Window	✓	✓	✓	
	Hinged Door	✓	✓		
	Bifold Window	✓			
	Bifold Door	✓		✓	
Comfort Range	Awning/Casement Window	✓			
	Hinged Door	✓			
	Sliding Door	✓			

# ENERGY EFFICIENCY EXPLAINED

## WERS

Australia's Window Energy Rating Scheme rates your home's annual energy impact with a 10-star system. More stars mean better efficiency.



## U Values

Measure how much heat a window or door transfers. Lower U values mean better insulation.

## Solar Heat Gain Coefficient (SHGC)

Higher SHGC promotes passive heat gain, meaning it is better for cold climates. Lower SHGC is beneficial for warmer climates.

## Ventilation

Properly placed windows and doors ensure good air movement.

## Natural light + maximise views

Natural light makes us happy and comfortable. Maximise natural light and views with bigger windows and doors.





# SCREENING OPTIONS

Add the finishing touch to keep out insects while maintaining privacy and home security.

- Insect Screening
- Invisi-Gard
- Eco-Gard
- KidScreen





**ALSPEC SECURITY**  
SOLUTIONS





# COLOURS & FINISHES

Powder coating is tough, baked-on, and available in standard colours and affordable colour-matched hardware. Warranty-grade finishes are perfect for harsh conditions.

Anodising offers a range of colours, including natural silver, bronze, and black. It's ideal for harsh environments.

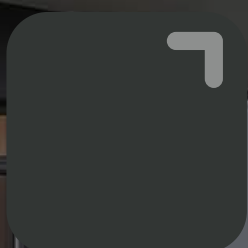
# POPULAR COLOUR OPTIONS



Monument



Pearl white



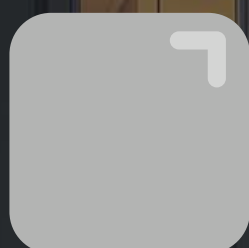
Custom black



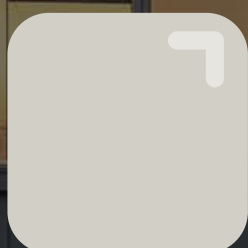
Primrose



Hammersley brown



APO grey



Surfmist



Precious silver pearl



Woodland grey

Other colours available on request.

NOTE: The finishes shown are a guide and may vary from the actual finish.





















# WE CUSTOM-MAKE EVERY WINDOW AND DOOR

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Let's talk about your project today.

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