

ARCHITECTURALLY DESIGNED RESIDENTIAL WINDOWS & DOORS

carinya
RESIDENTIAL
WINDOWS AND DOORS

alspec
EVERYTHING ALUMINIUM
& HARDWARE

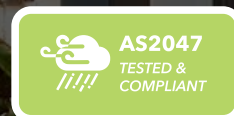
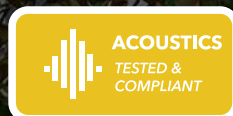
Enjoy great style and even greater peace of mind.

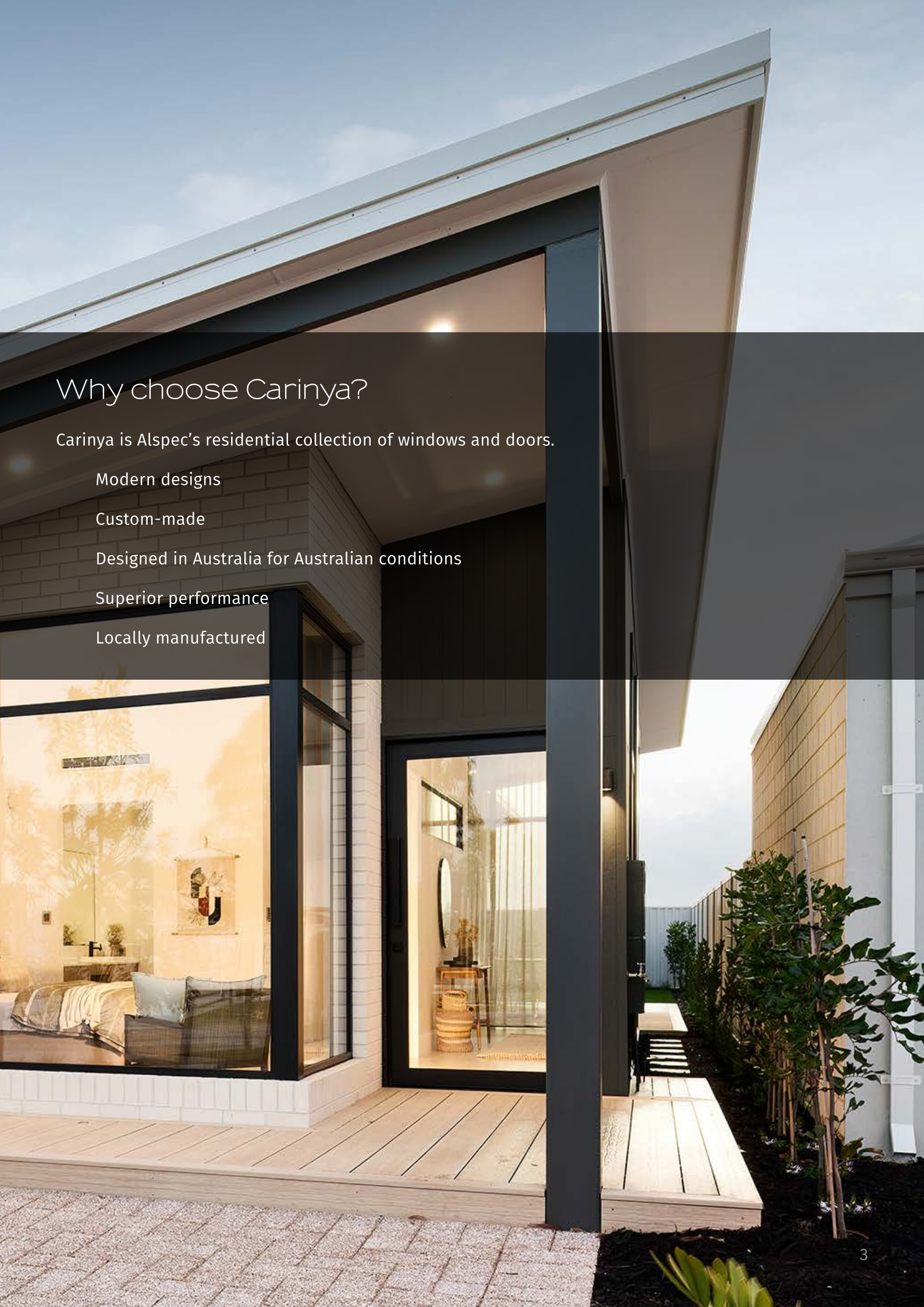
As one of the country's most respected aluminium product suppliers, our Australian-designed, manufactured, and tested windows and doors fit seamlessly into your home.

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).



A photograph of a modern house exterior featuring large glass windows and doors with dark frames. The interior is visible through the glass, showing a bedroom with a bed and a bathroom with a shower. The house has a light-colored brick wall and a wooden deck. The sky is blue with some clouds.

Why choose Carinya?

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

Modern designs

Custom-made

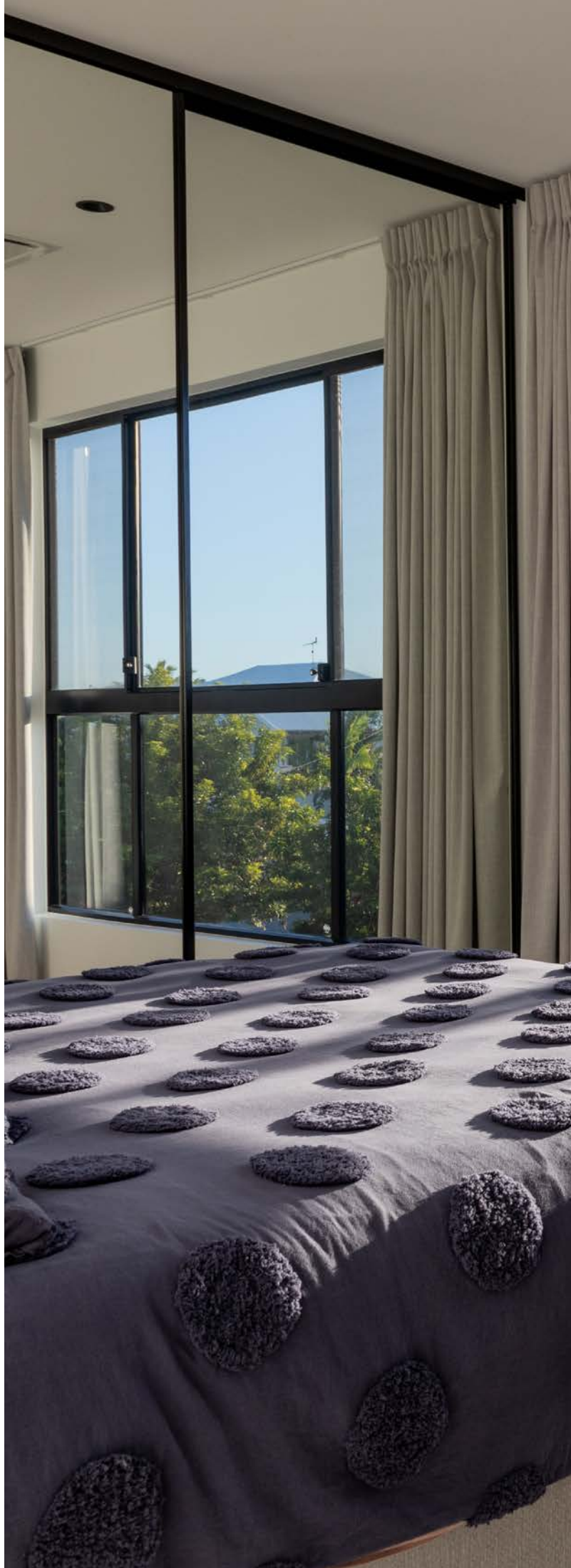
Designed in Australia for Australian conditions

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.

The Plus Range

Discover our versatile windows, designed with expansive glazing, premium performance features, and a sleek modern aesthetic.



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CLASSIC RANGE



SLIDING WINDOWS

Sliding Windows provide wonderful natural light and ventilation.

Key features:

Frame options: 50mm, 92mm or 101.6mm

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

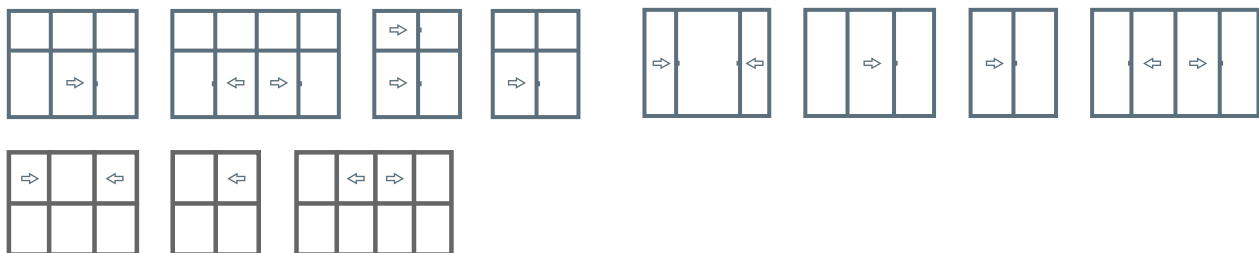
Weather flaps prevent insects and water infiltration

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, 92mm or 101.6mm

Typical Configurations:





DOUBLE HUNG WINDOWS

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

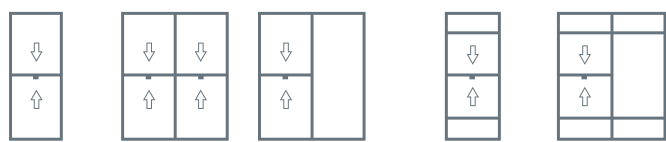
Key features:

- 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

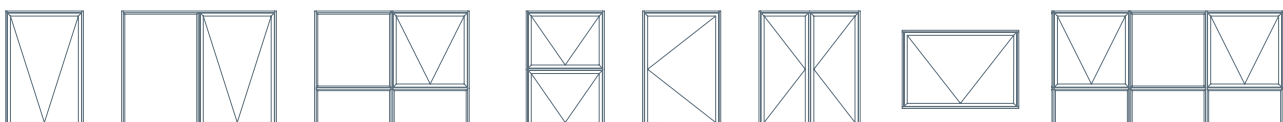
Integrated screening provision.

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

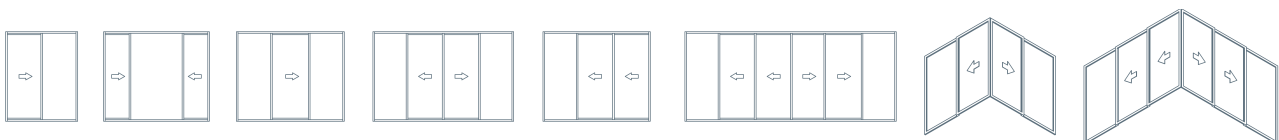
A range of interlock options to meet a wide variety of wind load requirements up to the most demanding cyclonic conditions

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.

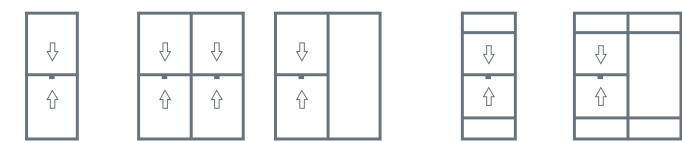
Key features:

- 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.

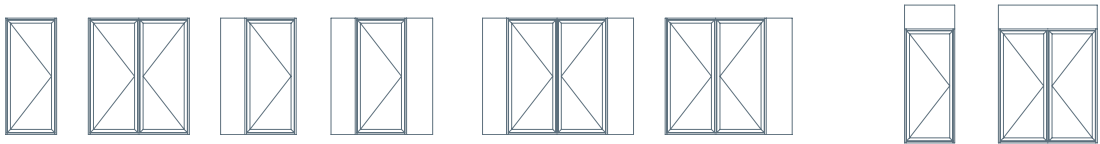
Key features:

- 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.

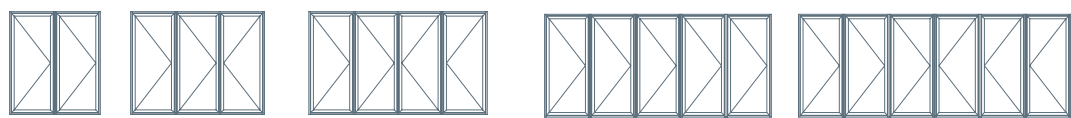
Key features:

- 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

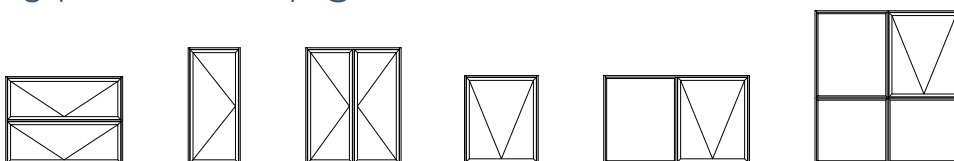
Thermal insulation strip to minimise the transfer of heat and cold

Technical Specifications:

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

U_w range DG	2.6 - 3.3 W/m ² -K
SHGC range DG	0.18 - 0.55

Typical Configurations:





THERMALLY BROKEN SLIDING WINDOW

Minimise the transfer of heat and cold with the Carinya Comfort Sliding Window.

Key features:

Exclusive handle located on the lock stile for ease of access and cleaner lines

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 weather conditions

Utilises a strong 'Double Strut' thermal break construction for maximum strength in the sash

Excellent 'Uw' values down as low as 2.5 W/m²-K

Integrated screening options available

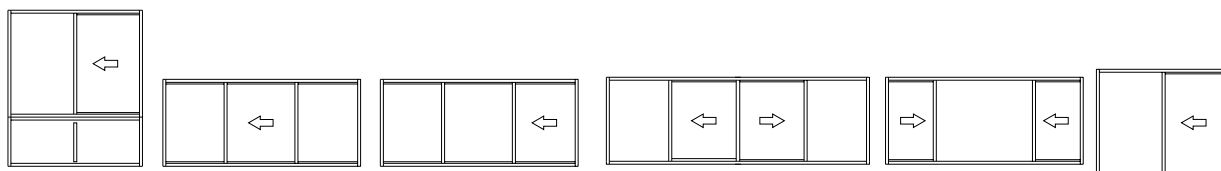
Sash features internal and external weather seals for maximum performance

Technical Specifications:

Maximum sash height	1800mm
Maximum sash width	1200mm
Maximum weight	300kg

Uw range DG	2.5 - 3.5 W/m ² -K
SHGC range DG	0.16 - 0.51

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 Uw values 2.3 - 3.2

Integrated screening options available

Sash features internal and external weather seals for maximum performance

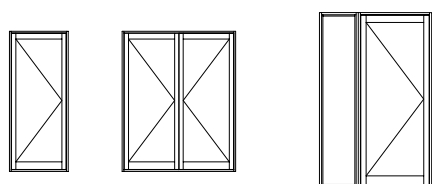
Thermal insulation strip to minimise the transfer of heat and cold

Technical Specifications:

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

Uw range DG	2.3 - 3.2 W/m ² -K
SHGC range DG	0.16 - 0.53

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 U_w values 2.2 - 3.1

Integrated screening options available

Sash features internal and external weather seals for maximum performance

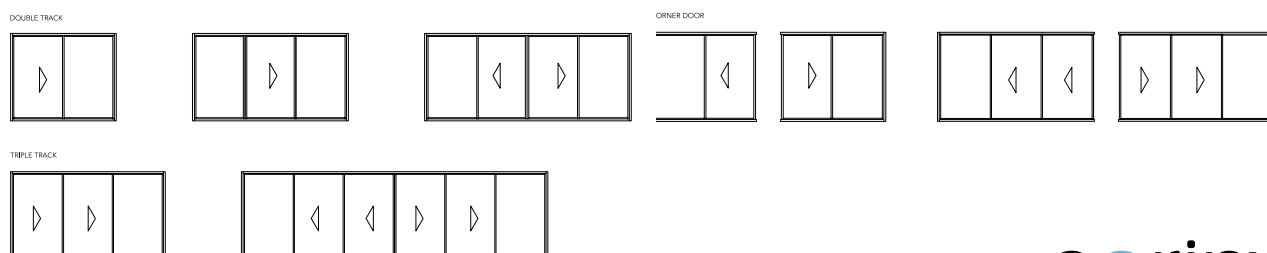
Thermal insulation strip to minimise the transfer of heat and cold

Technical Specifications:

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

U_w range DG	2.1 - 3.1 W/m ² -K
SHGC range DG	0.18 - 0.61

Typical Configurations:







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PLUS RANGE



AWNING/CASEMENT WINDOW

The Carinya Plus Awning Window is a mainstay range featuring a 65mm frame width and multiple sash options. Besides a modern designer look, the Carinya Plus Awning Window is packed with a multitude of performance features, many of which are simply not available in competing products.

Key features:

A designer bevelled edge frame is standard for Carinya awning and casement windows and a 65mm beaded sash for site glazing is also available.

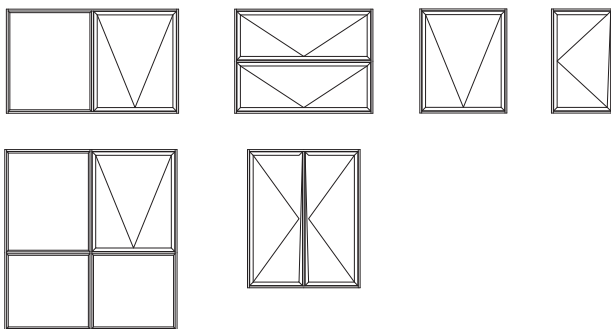
The integrated hinge design is incorporated entirely within the frame to achieve the clean designer finish.

Flexibility is another hallmark of all Carinya windows. There's a choice of slim line 41mm and 60mm sash options.

Technical Specifications:

Maximum sash height	2400mm
Maximum sash width	2100mm
Maximum single glazed thickness	10.5mm
Maximum double glazed thickness	18mm
Maximum sash area	2.16m

Typical Configurations:





SLIDING WINDOW

This sliding window system has been successfully tested to accommodate large panel heights of up to 1800mm, making it an ideal solution for projects seeking expansive glazing and enhanced visual appeal. Its generous sizing allows for increased natural light penetration, helping to create brighter, more open and inviting interior spaces.

Key features:

Exclusive handle located on the mullion for ease of access and cleaner lines.

In built weather flaps - a feature of all Carinya windows - to reduce air and water infiltration, cover drain slots and minimise insect intrusion.

Proprietary adjustable, non-corrosive roller system - the 'engine room' of these high performance windows - provides an effortless gliding motion that makes the window a joy to operate.

Mullion and transom end caps that ensure insects have no place to hide.

65mm frame width.

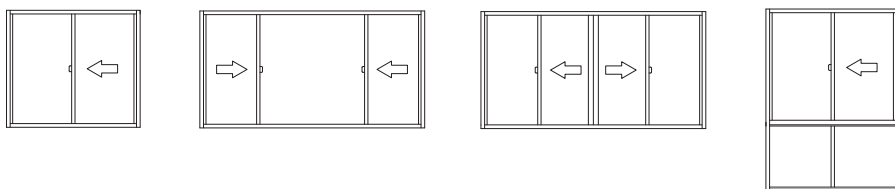
Embedded sash stiles and rails for unobstructed views.

Single glazed or double glazed.

Technical Specifications:

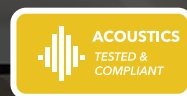
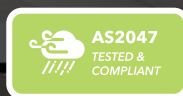
Maximum sash height	1800mm
Maximum sash width	1200mm
Maximum single glazed thickness	10.5mm
Maximum double glazed thickness	18mm
Maximum sash weight	50kg

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	✓	✓		
	Sliding Window	✓	✓		
Plus Range	Awning/Casement Window	✓	✓	✓	
	Sliding Window	✓	✓		

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.

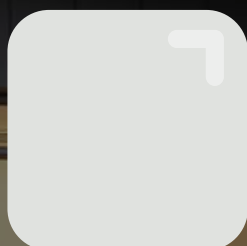
Anodising offers a range of colours, including natural silver, bronze, and black. It's ideal for harsh environments.



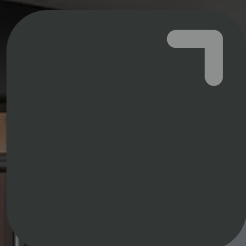
POPULAR COLOUR OPTIONS



Monument



Pearl white



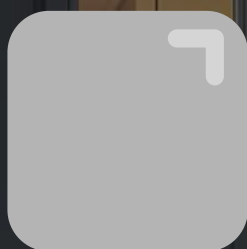
Custom black



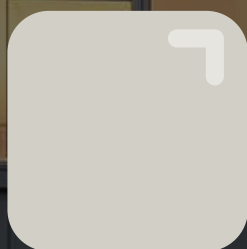
Primrose



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.











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Let's talk about your project today.



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RESIDENTIAL
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EVERYTHING ALUMINIUM
& HARDWARE



AUSTRALIAN
**GLASS &
WINDOW**
ASSOCIATION



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Architects

