



TREND[®]
WINDOWS

A JELD-WEN Company

& DOORS

**SET
YOUR
OWN
TREND
WITH
BOTANICA.**

BOTANICA Timber Series

SET YOUR OWN TREND.

Your home is the ultimate reflection of who you are. The design decisions you make and the materials you choose will determine your lifestyle. With timber, your possible palette is almost unlimited, whether you want a traditional feel or are looking to add an organic touch to a sleek modern design. So set your own trend with Botanica.



BOTANICA

WARMTH OF TIMBER.

There are those who place practicality and price above all other factors when making decisions. Then there are the others. People who have a vision of exactly what they want. The Botanica range is for those who won't settle for anything less than the warmth, texture and tactility that only timber brings.



BOTANICA

Hardware in this image is the customer's own. Sliding doors with the operating panel on the outside as depicted, must be requested when ordering.



**RELAX IN
ENERGY EFFICIENT
COMFORT.**

BOTANICA

As well as adding beauty and style, high performance Botanica windows and doors enhance your home's liveability by improving comfort and the usability of a space. A relaxed summer vibe is incredibly alluring but when the colder months hit, you want your windows and doors to help keep the warmth in and the cold out.

Timber's natural insulating properties make it the most energy efficient window and door frame available, ensuring year-round comfort. For further comfort benefits, select from our wide range of energy efficient glazing options.

BLURRING THE BOUNDARIES.

Our living spaces are becoming more open and we're blurring the boundaries between inside and outside. Botanica's generous window and door openings create an immediate relationship with the outdoors, allowing you to immerse yourself in the natural world. So throw open your windows and doors and enjoy the cross ventilation and natural light.

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BOTANICA

BOTANICA WINDOWS

BOTANICA AWNING WINDOWS

A brilliantly functional design, awning windows are hinged at the top and open outward from the bottom. They're an ideal choice to use on their own or can also complement fixed windows.

- Available in sizes setting industry standards
- Factory fitted seals for improved noise insulation, and preventing dust, water and wind penetration
- Select from our range of glazing options to improve the comfort, acoustics, security and privacy around your home
- Slanted opening allows for wet weather ventilation
- Winder holds window open up to 300mm
- 100mm winder option where openings need to be restricted to prevent falls
- Screens available when winder hardware is fitted



Bank your awning windows for maximum design impact.



BOTANICA CASEMENT WINDOWS

A timeless design that's equally at home in traditional or contemporary settings, casement windows are hinged on the side and the sash opens horizontally opposite the hinge. This style of window allows full ventilation, where the extended sash catches and directs the breeze for gentle, refreshing air flow.

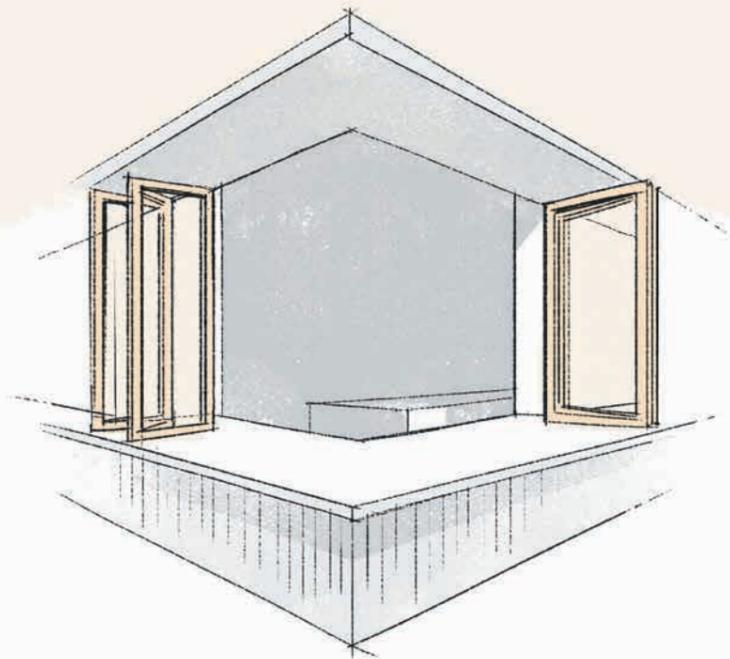
- Optional lever-operated sash catch allows windows to close firmly and securely
- Secondary latching to improve sealing and weather performance
- Factory fitted seals for improved noise insulation, and preventing dust, water and wind penetration.
- Select from our range of glazing options to improve the comfort, acoustics, security and privacy around your home
- Winder holds window open at 90 degrees for easy care and maintenance of external window face from inside
- 100mm winder option where openings need to be restricted to prevent falls
- Screens available when winder hardware is fitted



Framed casement windows look effective when repeated.



BOTANICA BI-FOLD WINDOWS



Corner bi-fold windows link your indoor and outdoor entertainment areas.

Bi-fold windows are the most practical solution to connect your kitchen with your outdoor space. A keen entertainer's must-have, in serving mode they create a functional opening for passing food and drinks to your guests. And by extending your countertop past the window line, it allows you to create a bar-like set up with stools below.

Although bi-fold windows are most commonly seen in the kitchen, they also make a beautiful alternative to a fixed window in a breakfast bar or window seat.

Bi-fold windows allow an abundance of natural light and fresh air to drift through your home. And by bringing the outside in, they maximise your living and entertaining areas.

- Window opens to the extremities of the frame
- Roll down screen available (corner bi-fold windows cannot be screened)
- Premium seals for weather proofing
- Select from our range of glazing options to improve the comfort, acoustics, security and privacy around your home

Slide window leaves to one side for an uninterrupted opening.

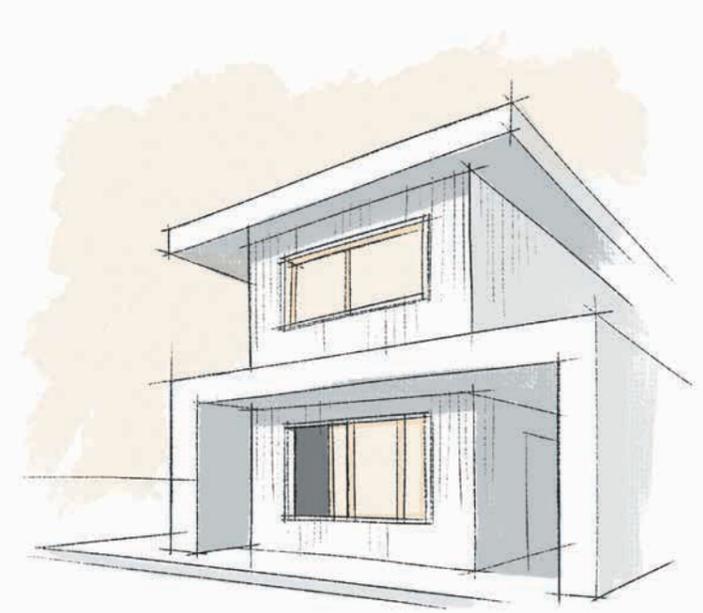




BOTANICA SLIDING WINDOWS

Sliding windows provide uncomplicated design flexibility, and allow wider and taller openings compared to other window styles. This makes them a popular choice for contemporary architecture with a simple design aesthetic. Sliding windows are perfect for rooms facing walkways, porches or decks because they slide horizontally rather than opening outwards.

- Long-lasting nylon rollers and aluminium tracks for smooth performance
- Veneer wrapped aluminium components for superior strength and weather performance
- Internal sliding sash and interlockers for improved security and water performance
- Seals fitted to frame for superior noise insulation
- Select from our range of glazing options to improve the comfort, acoustics, security and privacy around your home
- 100mm window restrictors available to prevent falls
- Screens available



The clean lines of our sliding window make it a popular choice for modern architecture.



BOTANICA DOUBLE HUNG WINDOWS

Whether you're embarking on a renovation or restoration, the eternally popular double hung window is perfect for recreating traditional Australian architectural styles. Now you have even more choice, as you can select from either our traditional or counterbalance double hung windows. The sashes in a traditional double hung window are operated manually either up or down on concealed springs. The counterbalanced double hung window provides smooth operation of the two panes in a single movement. Both feature an easily removable sash to assist with painting.

- Seals to prevent window rattle, and improve weather performance
- Select from our range of glazing options to improve the comfort, acoustics, security and privacy around your home
- Four horn design options: Trend horn, Lamb's tongue horn, Bullnose horn, Splayed horn
- Counterbalance sash allows for taller and wider sashes
- 100mm window restrictors available to prevent falls
- Screens available



Retain original heritage features using double hung windows. Ask about our range of horns for an authentic restoration.

ANEETA SASHLESS WINDOWS

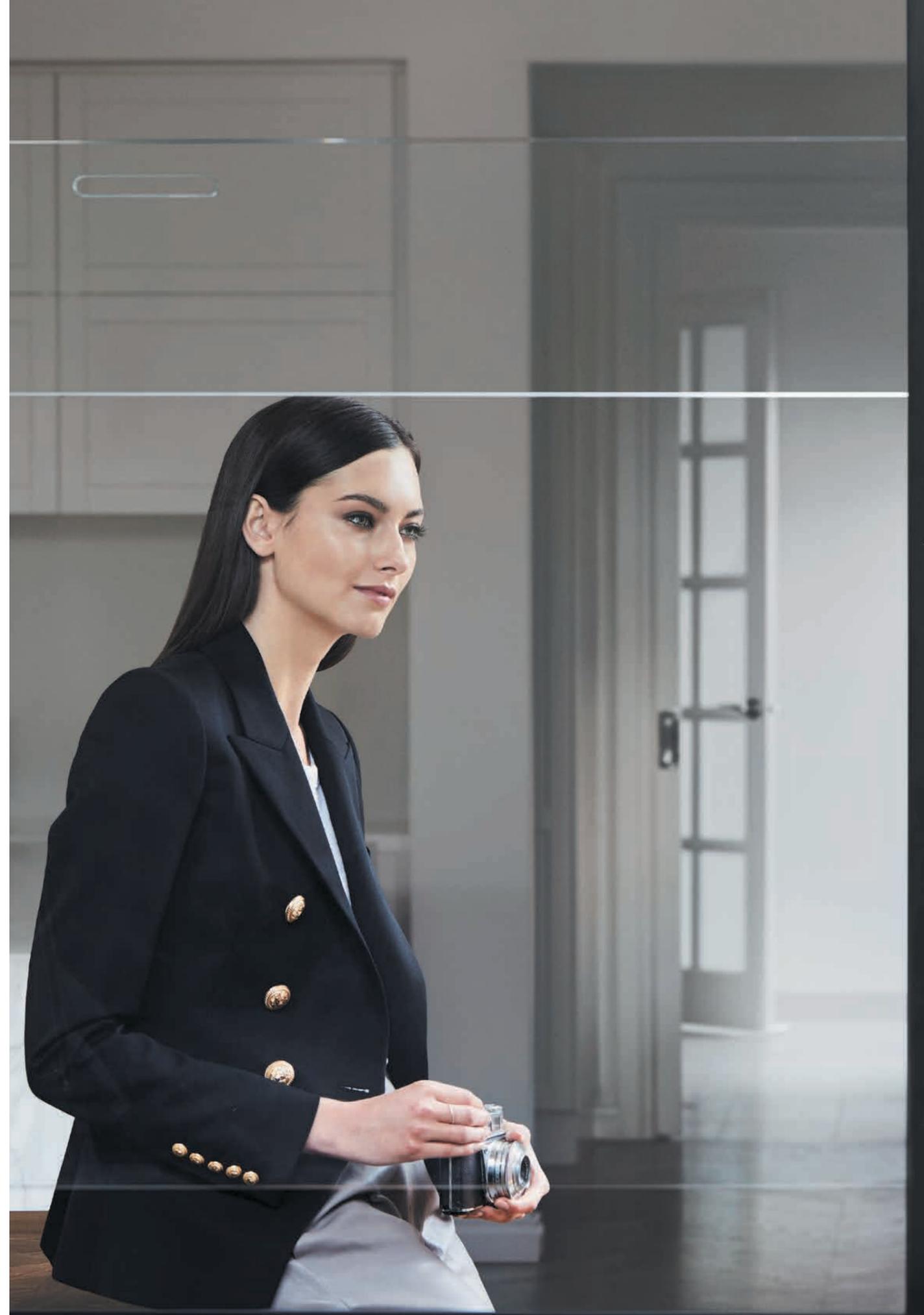
Aneeta® sashless windows are a sleek and modern take on the traditional double hung window. As the name suggests the panes are sashless, allowing an uninterrupted view.

Aneeta® sashless windows are available in a range of configurations, offering design flexibility. Counterbalanced, single hung or servery functionality is easily achieved with varying numbers of sashless panes incorporated to suit your opening.

- Available in both vertical and horizontal sliding
- Double glazing available
- 100mm window restrictors available to prevent falls
- Flomotion technology allowing multiple panes to be stacked with one movement
- Duomode technology allowing the panes to be operated in either counterbalance or servery mode
- Screens available



Aneeta® windows can be configured to suit a range of applications, including fixed panels where windows open to a pool area or winter garden.

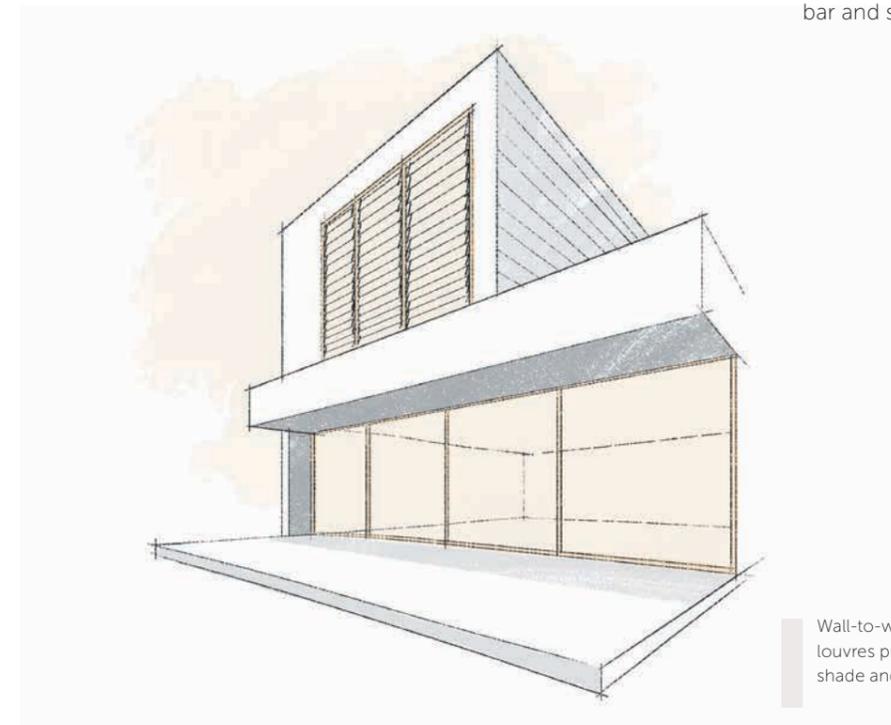




BREEZWAY LOUVRE WINDOWS

One way to combat summer heat is to install air conditioning. Or you could open up your home to natural light and a fresh breeze with elegant and innovative Breezway® Altair® louvre windows. Designed to work with nature, Breezway louvres open wide to keep you comfortable in summer. Alternatively, the blades can be angled or combined with fixed glazing to optimise views and control airflow when required in winter.

- Patented 'living hinge' provides tight sealing and protection from the elements
- Wide variety of custom options
- Automated Powerlouvre™ window for out-of-reach locations
- Stronghold® system complies with fall prevention to offer strength and peace of mind
- Optional integrated keylock, security bar and screens available

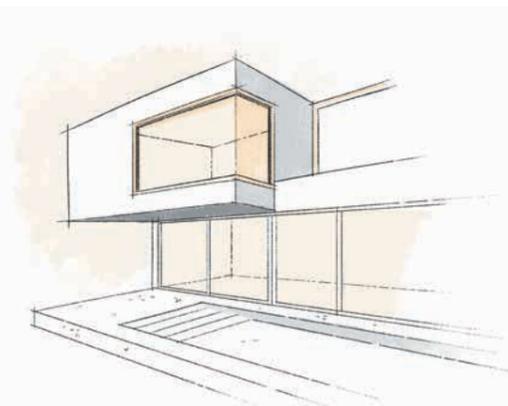


Wall-to-wall Breezway louvres provide ventilation, shade and privacy.

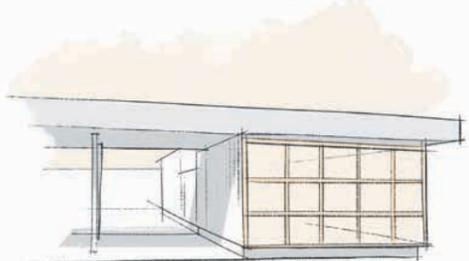


BOTANICA FIXED WINDOWS

At its most basic, a window lets light into a home and frames a beautiful view, capturing the best of the indoors and outdoors. It can also create a greater sense of volume and space. When incorporated within a kitchen splashback, it can enhance the sense of spaciousness, and in a bedroom it can provide privacy and a vista to a blue sky.



Silicone glass joints are a great way to achieve an uninterrupted view.
Below: Large expanses of fixed windows provide an architectural design aesthetic.

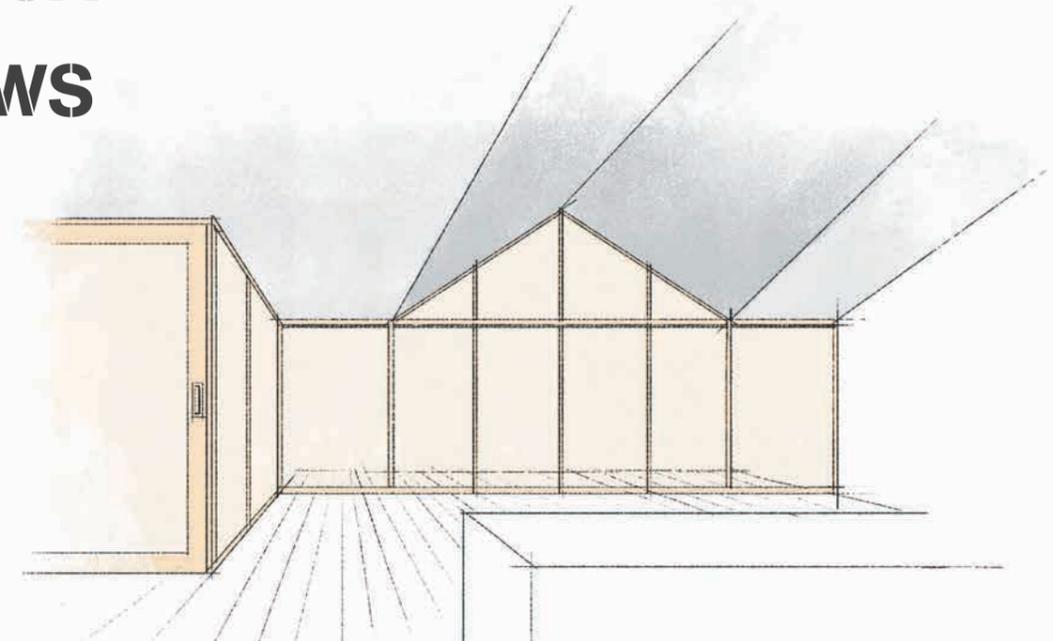




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BOTANICA FIXED WINDOWS

A pitched roof created using rake shapes enhances your room's sense of space.



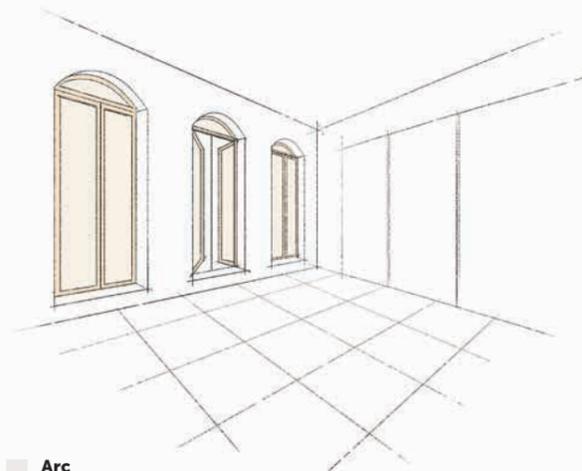
Bay window with Ovolo bars.

Incorporate Ovolo bars to achieve an authentic Colonial or Federation style. Panes of glass are painstakingly put in one-by-one, between the Ovolo bars. This effect is subtle, but matters to those with an eye for design. Botanica doors and windows which incorporate Ovolo bars are not BAL rated.



BOTANICA CUSTOMISED OPTIONS

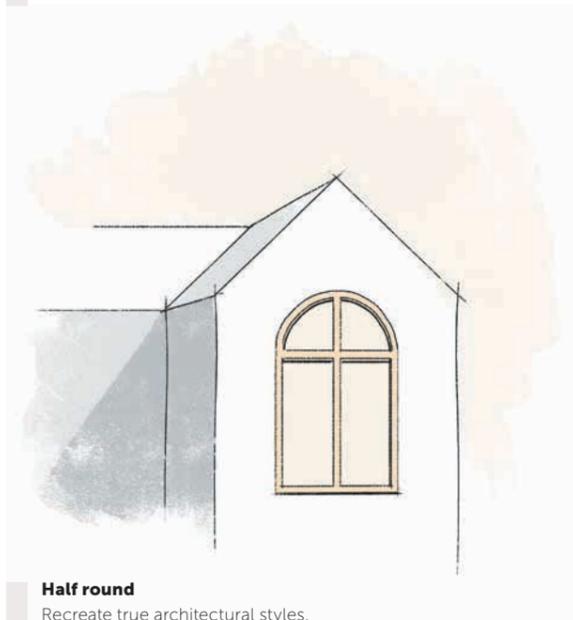
Although a window's primary function is to be looked through, with a little flair they can be a design element that gets looked at. To help you create a look all your own, we have a variety of uncommon shapes, including elegant arches, striking angles and compelling curves.



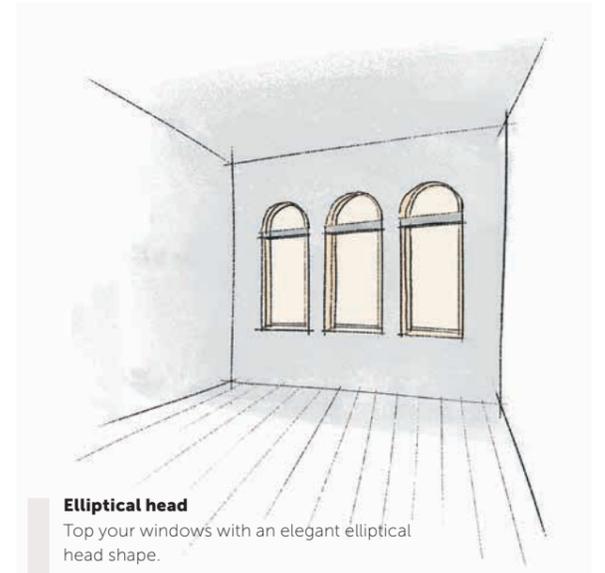
Arc
Create the illusion of added height by incorporating an arc above your windows.



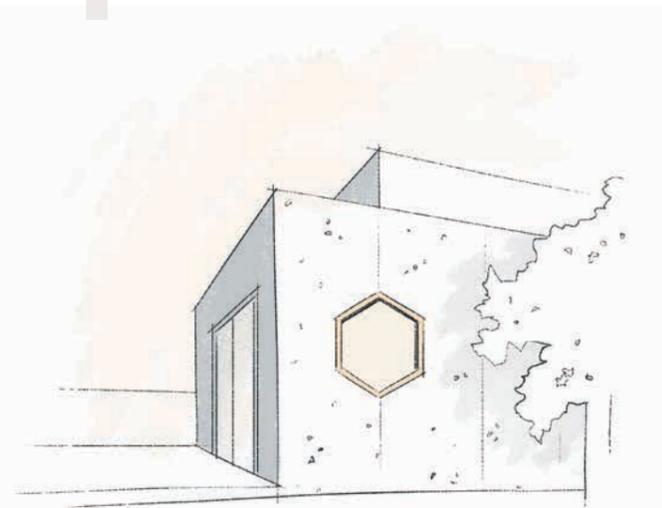
Round, half round colonial and Ovolo bars
Combine styles for a luxurious window look.



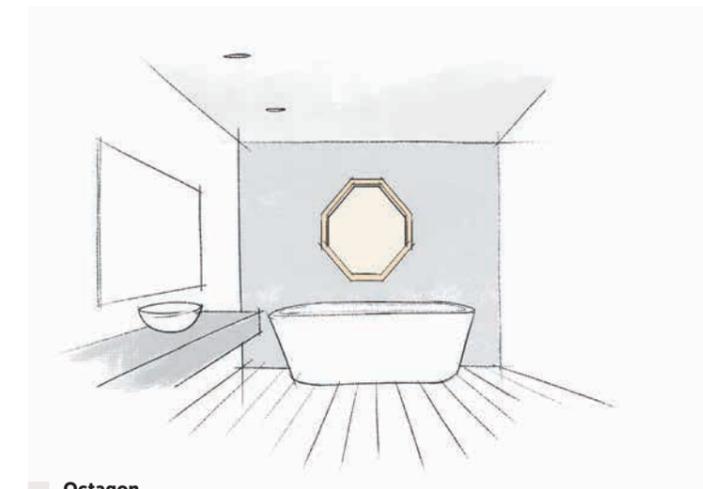
Half round
Recreate true architectural styles.



Elliptical head
Top your windows with an elegant elliptical head shape.



Hexagon
Statement shapes provide a distinctive style.



Octagon
Eliminate sight lines to neighbouring properties, whilst still allowing sunlight into your home.

BOTANICA DOORS

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BOTANICA SLIDING & STACKING DOORS

Large sliding doors are perfect for connecting your home's interior with the outdoors, providing a sense of openness, creating an unblemished view, and inviting a gentle breeze inside. What sets Botanica sliding doors apart is the clean design aesthetic, availability of taller and wider panels and the effortless movement and graceful operation. With a variety

of styles on offer, you're sure to find a design to complement any room or design.

- Select from either a two panel sliding door or multi-panel stacking doors
- Long-lasting heavy duty double nylon rollers for smooth performance
- Hardware features two point deadlock for improved security

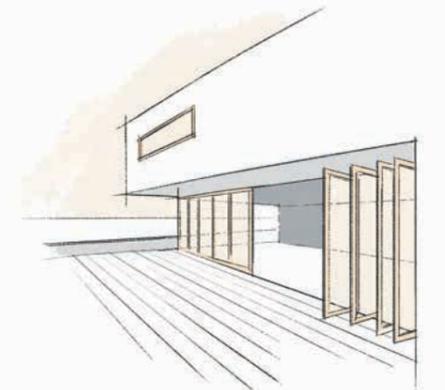
- Weather seals fitted to frame for better insulation and weather performance
- Two sill options: flush and standard
- Screen and security doors available



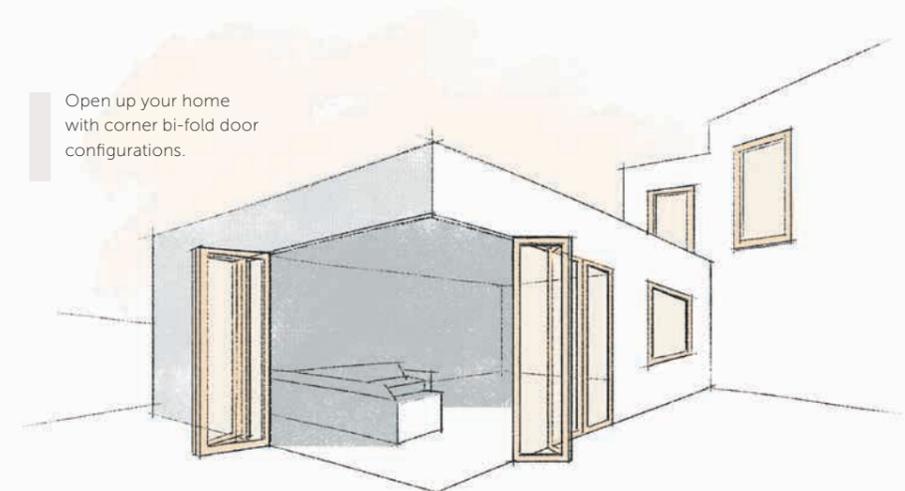
BOTANICA BI-FOLD DOORS

If you're looking to bring the outside inside, our bi-fold doors are your answer. When closed, they're a stately wall of light. Once opened, however, they fold virtually out of sight to create an expansive opening that extends your living space and joins living rooms with verandas and garden areas.

- Aluminium sill as standard
- Optional flush sill can be set into the floor
- Multi-point latching hardware included as standard
- Retractable screens available (corner bi-fold doors cannot be screened)
- Weather seals fitted to frame and panels for better insulation
- Select from our wide range of glazing options to improve the comfort, acoustics, security and privacy around your home



Unite the heart of your home with the outdoors using bi-fold doors.



Open up your home with corner bi-fold door configurations.



BOTANICA DOORS & ENTRY FRAMES

Designed to open into a room or out onto a patio, these doors make a dramatic statement. Doors opening into gardens reinforce the feeling of light and space throughout your home.

- Entry frames and doors are sold separately
- Weather and dust seals can be supplied with the frame for improved performance
- Hardware is not provided
- Screen and security doors available
- Select from our wide range of glazing options to improve the comfort, acoustics, security and privacy around your home



BOTANICA OPTIONS



Image courtesy of Richard Glover.

BOTANICA CEDAR & MERANTI

The Botanica timber series features a unified design and size range and is available in either cedar or meranti. Botanica is constructed from engineered timber to minimise the effects of sun and moisture on the product over time and both cedar

and meranti are sustainably sourced, with a traceable chain of custody.

Why choose Cedar?

Western Red Cedar is renowned for its natural beauty and colour variation. It works well indoors and outdoors, and achieves any look from natural

and rustic to clean and contemporary. It also resists warping, cupping, twisting, rot, and termites. To enhance cedar's grain and colour it is most commonly stained, however it is possible to achieve a painted finish.

Why choose Meranti?

Meranti is of medium hardness, is easily handled and machined, and is very reasonably priced. It has a uniformly straight grain with few variations and is resistant to warping, cupping and twisting. Meranti readily accepts both

stain and paint finishes. It's widely used for decorative applications, including windows, doors, moulding and skirtings.



Image courtesy of Richard Glover.



Image courtesy of Richard Glover.

BOTANICA BUSHFIRE RATING

Many people dream of living reasonably close to the city while still enjoying bushland surrounds. But this dream comes with serious risks and you need to understand the correct Bushfire Attack Level (BAL) for your home's construction or renovation. BAL ratings dictate both the construction method and the materials used in bushfire

prone areas and can be obtained from your local council. There are six BAL ratings (low through to extreme), and councils are required to map bushfire prone land and categorise it using the BAL rating system. The Botanica timber series is rated up to BAL29, which means that both meranti and cedar windows and doors in the Botanica

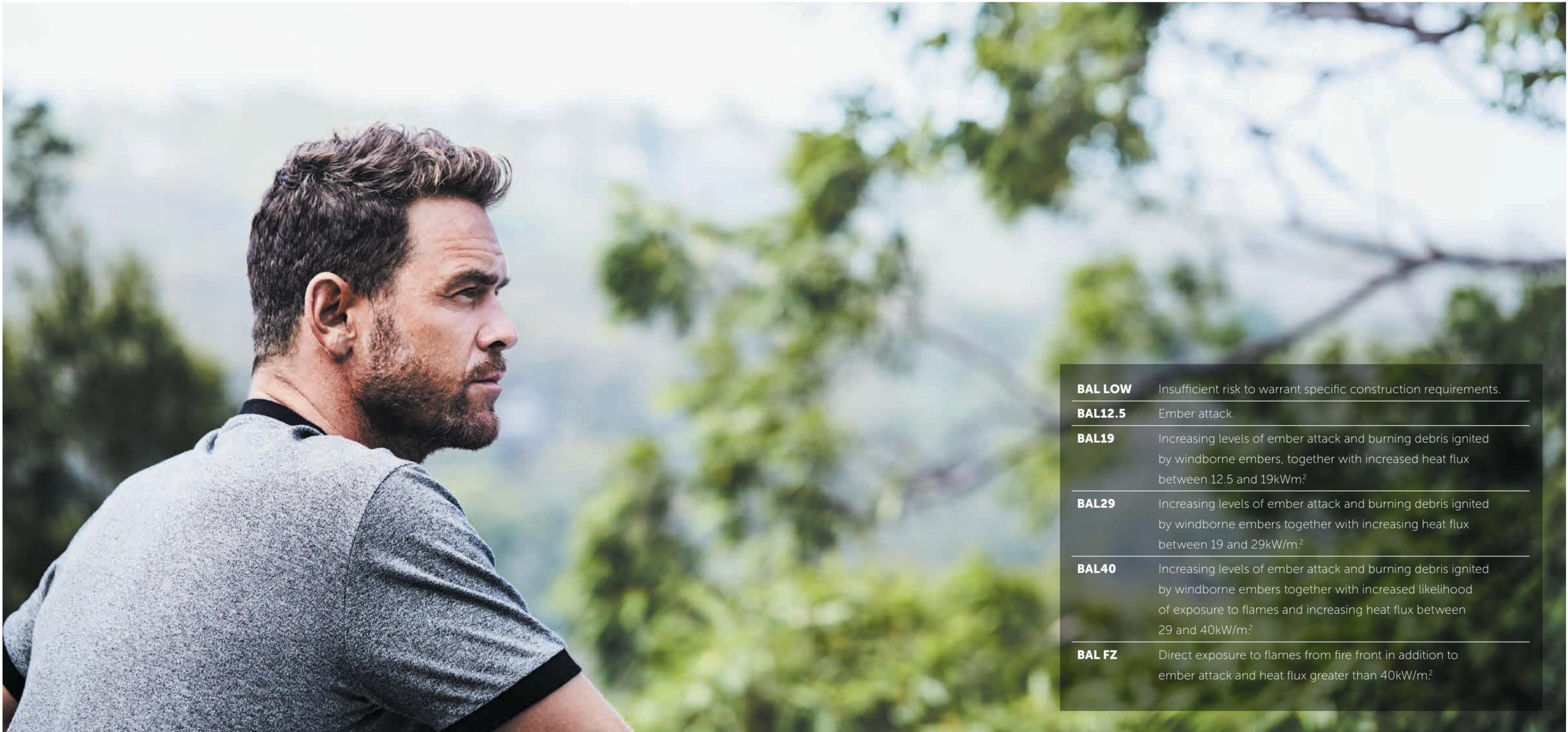
range have been tested and certified to perform to the requirements of AS1530.8.1 2007. See right for specific product BAL ratings:

BAL19 rated

- Double hung – traditional and counterbalance (Deem to satisfy, Cedar and Meranti operating sashes fully screened)

BAL29 rated

- Awning
- Casement
- Fixed lite
- Sliding window
- Sliding and stacker door
- Hinged door and entry frame (Deem to satisfy, Cedar and Meranti, if fully screened)



BAL LOW	Insufficient risk to warrant specific construction requirements.
BAL12.5	Ember attack.
BAL19	Increasing levels of ember attack and burning debris ignited by windborne embers, together with increased heat flux between 12.5 and 19kW/m ²
BAL29	Increasing levels of ember attack and burning debris ignited by windborne embers together with increasing heat flux between 19 and 29kW/m ²
BAL40	Increasing levels of ember attack and burning debris ignited by windborne embers together with increased likelihood of exposure to flames and increasing heat flux between 29 and 40kW/m ²
BAL FZ	Direct exposure to flames from fire front in addition to ember attack and heat flux greater than 40kW/m ²

FINDING THE BEST GLASS FOR YOU.

Every home design brings its own unique set of requirements and challenges. One of the most significant decisions you'll have to make (and early on the process, too) is selecting your windows and doors.

Before choosing, there are a lot of factors to take into consideration, for example your local climate and your home's location and orientation. And remember, depending on their position, different windows and doors often demand different levels of performance. So where to start?

Understand your performance requirements.

First you need to understand the performance requirements for each of your windows and doors to achieve your whole house rating. Your architect, builder or energy rater will provide the performance criteria of your windows and doors typically as follows:

U Value – Measures the temperature which is transferred or flows through a window or door. For example, how effective is it at keeping the heat or cold in or out. A lower U Value indicates better insulation properties.

SHGC – Measures the ability to reduce heat generated by sunlight. The lower the SHGC number, the better the glass is at keeping the sun's heat out of the house. Likewise, in a cold climate, the higher the SHGC number, the more natural warmth will occur.

Choosing your window and door frames.

Next, you'll need to choose your window and door frames based on your home's design, window and door size requirements and the performance criteria your architect, builder or energy rater has specified.

The material of your window and door frames will impact your home's overall comfort levels, acoustics and energy efficiency. Timber is a natural insulator and therefore the best performing from an energy perspective.

Choosing your glass.

Lastly, complete your window and door specifications by considering what's important to you. A range of glass options is available to improve the comfort, acoustics, security and privacy around your home.

WHAT'S IMPORTANT TO YOU?

COMFORT – PAGE 50 & 51

- Maximum natural light
- Warmer house in winter
- Cooler house in summer
- Less reliance on artificial heating and cooling
- Improved overall comfort
- Ventilation
- Glare control

SERENITY – PAGE 52 & 53

- Reduced external noise
- Retreating from outside world
- Relaxed interior atmosphere

SECURITY – PAGE 50 & 51

- Feeling safe and secure
- Protecting against break-ins
- Reducing injury risk due to broken glass

PRIVACY – PAGE 52 & 53

- Block prying eyes
- Control glare
- Control UV damage



BOTANICA GLAZING OPTIONS



COMFORT

Australia has some of the harshest sunlight in the world. Maintaining a comfortable indoor environment is difficult when temperatures rise and fall during the day and between seasons. To improve your overall comfort and wellbeing, we offer a range of glazing options which allow you to improve your home's insulation, reducing both your carbon footprint and energy consumption.

Double glazing

Double glazing is the most effective way to improve the energy efficiency of windows and doors, making your living space more comfortable all year round.

Low E glass

Low E glass has a transparent low emissivity coating that reflects heat while still allowing in maximum light, helping keep your home cooler in summer and warmer in winter.

Toned glass

Toned glass significantly reduces the sun's heat and glare, making it perfect for Australia's extreme summers.

SECURITY

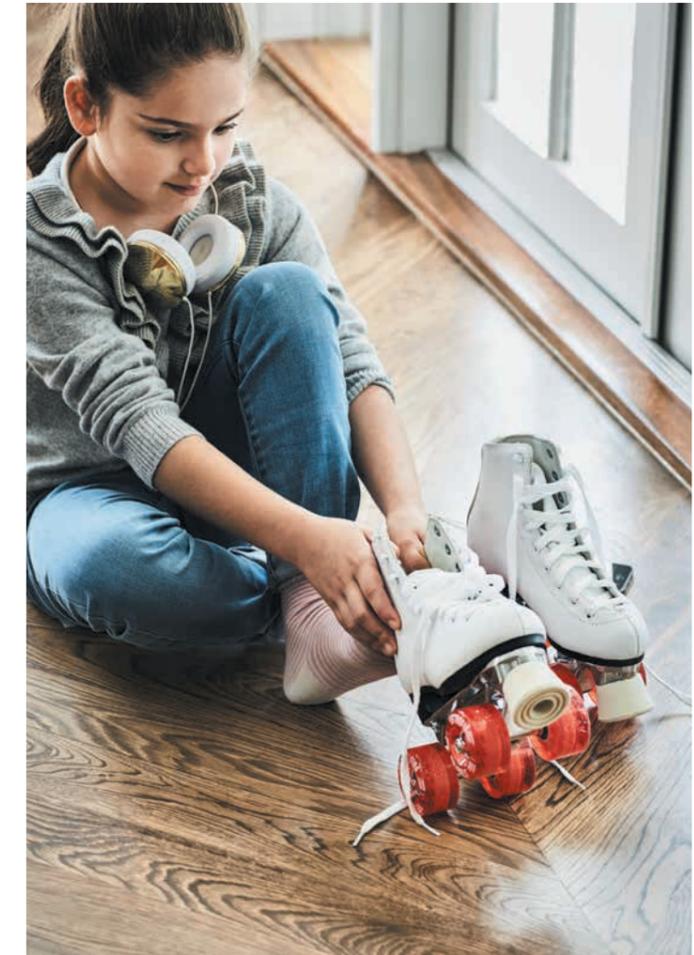
If safety and protection are priorities, we offer a wide range of performance glass options to meet your requirements. There are two types of Grade A safety glass available. Grade A safety glass is harder to break and offers greater security against accidental injury, attempted break-ins and severe weather conditions.

Toughened glass

If broken, toughened glass fractures into small particles, significantly reducing the risk of injury.

Laminated glass

Laminated glass remains intact and resists penetration when subject to impact.





BOTANICA GLAZING OPTIONS

SERENITY

In busy urban environments, noise is constant. There is an increasing need to reduce unwanted noise from road traffic, trains and aircraft to create a more comfortable living environment, promote healthier sleep, reduce stress, and improve concentration. By choosing an appropriate glass for your specific location, you can significantly reduce the amount of ambient noise that penetrates your home.

Double glazing

Where energy efficiency and acoustics are both required, double glazing can be used to reduce noise. The wider the space between the two sheets of glass, the greater the sound improvement.

Thick glass

Thick glass is often the best choice for reducing low frequency sounds like traffic and neighbourhood noise.

Laminated glass

Laminated glass dampens more vibrations than single glazed glass.

PRIVACY

The privacy range of glazing options allows for high level light transmittance while obscuring the view from outside. Different levels of obscurity are available which makes it ideal for bathrooms, bedrooms, front entry doors or any area you want to block from prying eyes.

Textured glass*

Great for light diffusion, privacy and as a decorative feature.

Translucent

Laminated crisp white frosted look.

Acid etched

Acid etch has a translucent satin matte finish.

Printed glass*

Any pattern, texture or image can be printed directly onto the glass surface.



*The availability of textured and printed glass options vary by state.

BOTANICA CEDAR HARDWARE



WINDOW

Double hung window



Double hung lock – Traditional



▲ Double hung lock – Contemporary



Sash lifts

Awning and casement window



▲ Scissor winder



Scissor winder (locked)

Sliding window



▲ Sliding window lock – Contemporary



Sliding window lock – Traditional

Bi-fold window and door



Flush-mounted drop bolt (top)



Flush-mounted drop bolt (bottom)



Sash lock



Chain winder



Sash fastener

DOOR

Sliding and stacking doors



Infinity slim handle (inside)



▲ Infinity D handle (inside)



Infinity D+slim handle (outside)



Infinity bi-fold door handle*



Infinity hinged door handle (inside)



Infinity hinged door handle (outside)

*When screens are fitted the Infinity bi-fold door handle will be substituted for flush-mounted drop bolts, top and bottom.
Note: Cedar is supplied with satin chrome hardware as standard. The satin chrome finish may vary across hardware items. Optional black and white hardware available. Selected hardware items may not be available in white.
▲ Denotes standard hardware.



**BOTANICA
MERANTI
HARDWARE**

WINDOW

Double hung window



Double hung lock – Traditional



▲Double hung lock – Contemporary



Sash lifts

Awning and casement window



Scissor winder



Scissor winder (locked)

Sliding window



▲Sliding window lock – Contemporary



Sliding window lock – Traditional

Bi-fold window and door



Flush-mounted drop bolt (top)



Flush-mounted drop bolt (bottom)



Sash lock



▲Chain winder



Sash fastener

DOOR

Sliding and stacking doors



▲Infinity slim handle (inside)



Infinity D handle (inside)



Infinity D+slim handle (outside)

Bi-fold door



Infinity bi-fold door handle*



Infinity hinged door handle (inside)



Infinity hinged door handle (outside)

*When screens are fitted the Infinity bi-fold door handle will be substituted for flush-mounted drop bolts, top and bottom.
Note: Meranti is supplied with black hardware as standard. The black finish may vary across hardware items. Optional satin chrome and white hardware available. Selected hardware items may not be available in white.
▲ Denotes standard hardware.

BOTANICA SCREENS

Screens are essential to keep out irritating and nasty insects. With our wide range of timber and aluminium screens to suit all our Botanica windows and doors, you can open your windows and doors freely to enjoy the breeze.



Security Screens

The recent rise of home invasions across Australia has made the issue of security top-of-mind, with demand for superior security products growing. If you're looking for peace of mind, our Prowler Proof security screens are ideal.

Prowler Proof's maximum security screens, ForceField and Protec, have passed Australian Standards security tests with ease. This means intruders can't kick the door down, open it with a crow bar, or cut the screens with a knife.

Prowler Proof screens meet the Building Code of Australia's fall prevention safety requirements. If a window is two metres or more above the ground, its bottom opening must be restricted to a maximum width of 125mm. But if a window is fitted with either Protec or ForceField screens, these restrictions don't apply and the window can be opened freely.



A JELD-WEN Company

Call **13 72 74**

or visit **trendwindows.com.au**

for your nearest location

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Re-Order Code JWTNAT0313/0518. FSA/TWD0224