



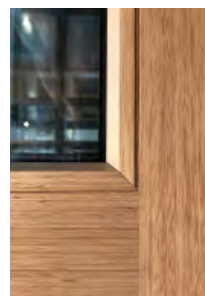
**paarhammer**  
windows & doors

# Architectural Timber Range

Outstanding strength, performance & versatility



High performance windows and doors, made in Australia from plantation grown Victorian Ash timber or FSC® certified timber and Australian glass with patented German hardware.



## Range inclusions

- Victorian Ash timber or FSC® certified Manilkara
- Custom made to almost any size and shape
- Frame thickness IV 78mm for triple glazed
- Frame thickness IV 68mm for double glazed
- Double glazed with 14-20mm argon filled airgap, depending on glass thickness
- Triple glazed with 2x 12-16mm argon-filled airgap, depending on glass thickness
- German hardware fittings, recessed mounted
- Flat joints
- Spray painted with low VOC paints or stains
- Timely delivery and installer training
- Industry warranties apply and 10 years warranty on glass
- Noise reduction standard 35dB, can be increased up to 45dB
- U-values from a very low 0.8
- Suitable for Passive House

## Available in the range:

**Windows:** European style tilt & turn, fixed picture, clerestory/tilt, sliding, heritage, shapes

**Doors:** lift-slide sliding, giant lift-slide, stacker sliders, corner lift-slide, bi-fold, French, single hinged glass doors





Easily operated with the turn of the handle: tilt inwards at the top for child proof ventilation; turn and fully open for easy cleaning. Energy efficient and draft proof, with high sound protection, and secure locking.



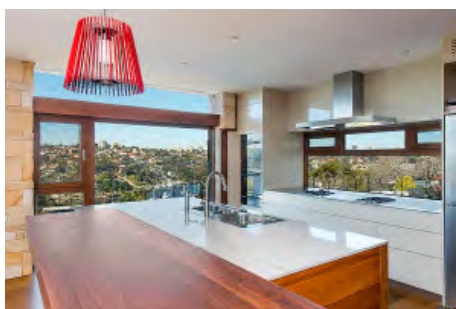
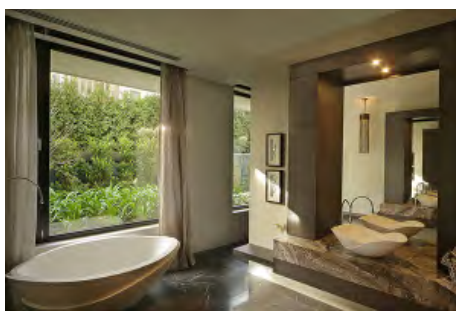
## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- Custom made
- Low VOC spray-painted or stained in the colour of your choice
- German tilt & turn hardware, multi-point locking
- Seals
- Childproof available
- Suited for low bushfire areas

## Size:

- Minimum 600mm height x 420mm width
- Width up to 1400mm at min height of 1500mm, max 2100mm
- Height up to 2700mm at max width of 1000mm

WERS energy rating: from a very low 1.0







Fixed panes enable you to enjoy a clear view without obstruction, acting as a picture frame for the scenery outside of the window. Often used in combination with openable windows or doors.



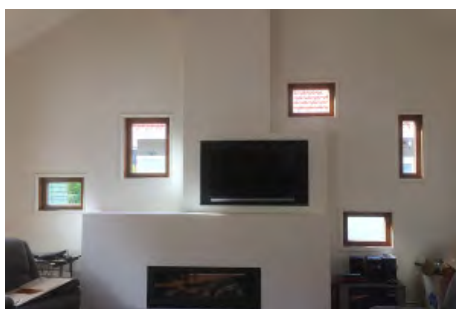
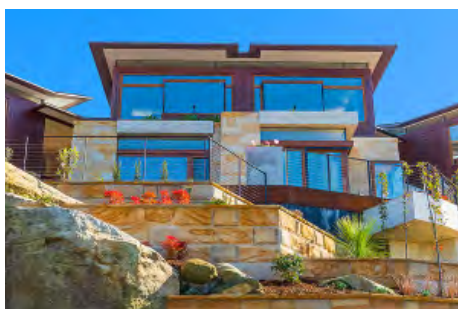
## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- Custom made
- Low VOC spray-painted or stained in the colour of your choice
- Suited for low bushfire areas and Passive House

## Size:

- Width up to 4000mm
- Height up to 4000mm
- Maximum overall 11m<sup>2</sup>

WERS energy rating: from a very low 0.8





For special spaces where only a sliding window is suitable. Parallel-slide-tilt or lift-slide options are available. Highly energy efficient and draft proof with high sound protection. Custom made to size and finish.



## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- Custom made
- Low VOC spray-painted or stained in the colour of your choice
- German sliding hardware fittings (parallel-slide-tilt or lift-slide)
- Seals and multi-point locks
- Suited for low bushfire areas and Passive House

## Size:

- Minimum height 750mm

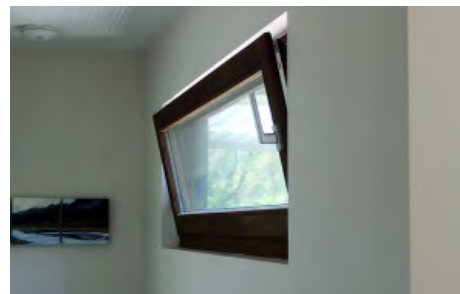
WERS energy rating: from a very low 1.0







Tilting inwards at the top for ventilation, windows can be horizontal or vertical. The handle controls the mechanics and multi-point locking within the frame. Can be automated for hard to reach areas.



## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- Custom made
- Low VOC spray-painted or stained in the colour of your choice
- German tilt hardware fittings
- Seals and multi-point locking
- Can be automated with concealed chain drive
- Suited for low bushfire areas and Passive House

## Size:

- Maximum width 3000mm at maximum height of 700mm
- Height up to 2700mm at maximum width of 1500mm
- Height minimum 450mm

WERS energy rating: from a very low 1.0







All the advantages of modern technology with the look of yesteryear. Suitable for inner city terraces where street appearances cannot change. High energy savings and high noise reduction.



## Specifications

- IV 68mm double glazed with 1x 14-20mm argon filled gap
- Timber frame
- Choice of glass combinations
- Custom made
- Low VOC spray-painted or stained in colour of your choice
- German tilt & turn hardware, multi-point locking
- Seals to eliminate drafts
- Childproof available

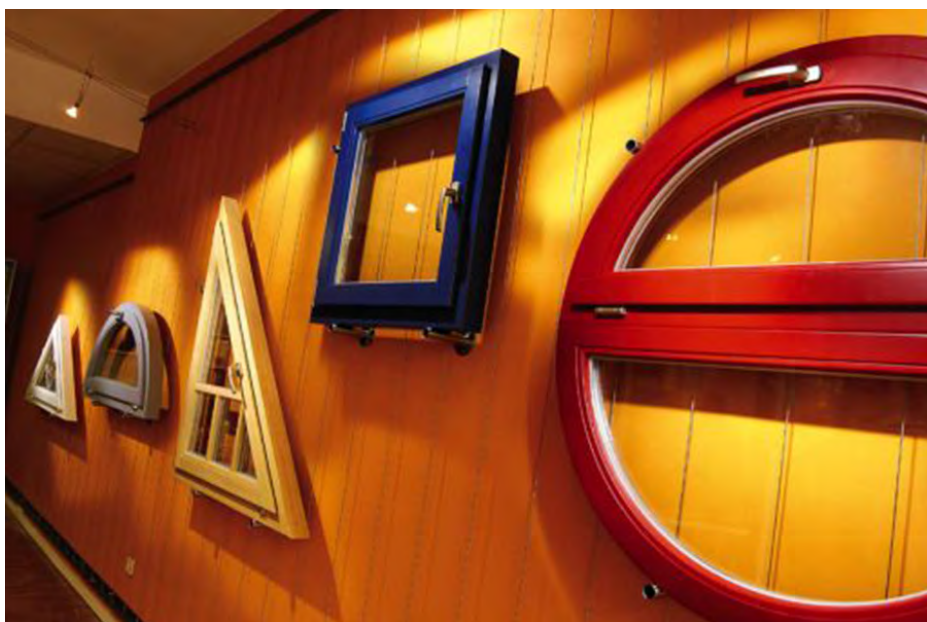
## Size:

- Minimum 600mm height x 420mm width

WERS energy rating: from a very low 1.4







Custom made to size and shape to suit any building. Angled, round, oval or curved, these windows can be made in a fixed pane or can be openable, and are highly energy efficient.



## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- Custom made
- Low VOC spray-painted or stained in the colour of your choice
- German tilt & turn hardware fittings, multipoint-locking
- Seals to eliminate drafts
- Childproof available
- Also fixed shapes/picture windows available
- Suited for low bushfire areas and Passive House

## Size:

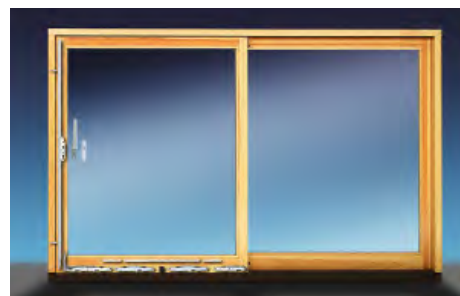
- Minimum 600mm height x 600mm width
- Width up to 1400mm at min height of 1500mm, max 2100mm
- Height up to 2700mm at max width of 1000mm
- Variety of shapes available, openable or fixed

WERS energy rating: from a very low 1.0





Technologically advanced sliding doors offer the highest energy efficiency and no drafts through multi-layer seals and engineered lift-slide action. Available in many configurations.



## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- German lift and slide hardware fittings
- Custom made to many configurations
- Scheme A and Scheme C can be automated
- Low VOC spray-painted or stained in the colour of your choice
- Multi-layer seals to eliminate drafts, night vent
- Suited for bushfire areas up to and including BAL-29, and for Passive House

## Size:

- Weight up to 300kg per slider
- Slider width up to 2.4m at a maximum of 6m<sup>2</sup> per leaf
- Height up to 2.7m at a maximum of 6m<sup>2</sup> per leaf
- Overall width by request

WERS energy rating: U-value from a very low 1.0

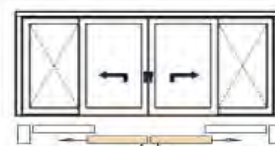
Ultimate strength 2300pa (N4), water penetration 150pa



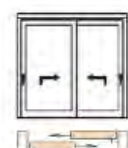
Scheme A



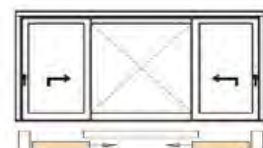
Scheme G



Scheme C



Scheme D

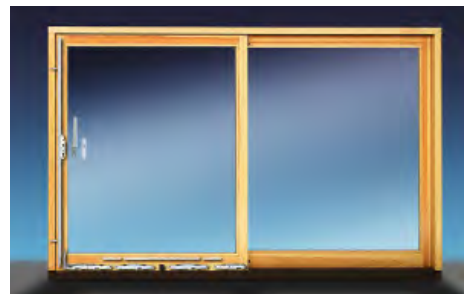


Scheme K





For extra-large spaces and industry leading energy efficiencies. Up to 400kg per leaf, the Giants are easy to operate manually but can be fitted with the patented Siegenia HS Lift & Slide Automation.



## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- German lift and slide hardware fittings
- Custom made to many configurations
- Scheme A and Scheme C can be fitted with the patented Siegenia HS Lift & Slide Automation
- Low VOC spray-painted or stained in the colour of your choice
- Multi-layer seals and night vent
- High energy efficiency and sound protection, draft free
- Suited for bushfire areas up to and including BAL-29, and for Passive House

## Size:

- Weight up to 400kg per slider
- Slider width up to 3.6m at a maximum of 8.8m<sup>2</sup> per leaf
- Height up to 3.4m at a maximum of 8.8m<sup>2</sup> per leaf
- Overall width by request

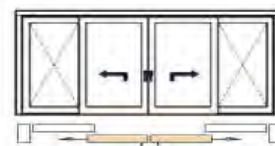
WERS energy rating: U-value from a very low 1.0



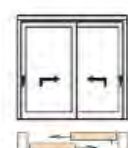
Scheme A



Scheme G



Scheme C



Scheme D



Scheme K





To open up extra wide spaces, stacker sliding doors feature lift-slide functionality. Very energy efficient and draft proof with high sound protection. Like all products, custom made to size and finish.



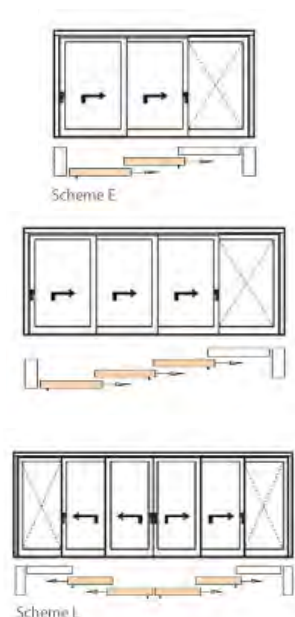
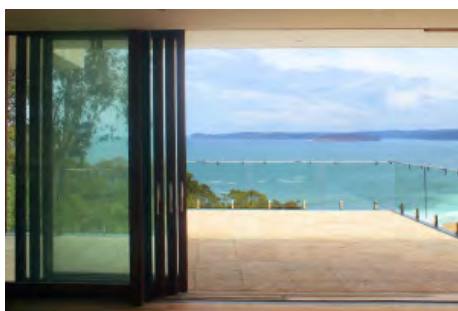
## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- German lift and slide hardware fittings
- Custom made to Scheme E and Scheme L configurations
- Low VOC spray-painted or stained in the colour of your choice
- Multi-layer seals and night vent
- High energy efficiency and sound protection, draft free
- Suited for bushfire areas up to and including BAL-29, and for Passive House

## Size:

- Weight up to 300kg per slider
- Width up to 14m

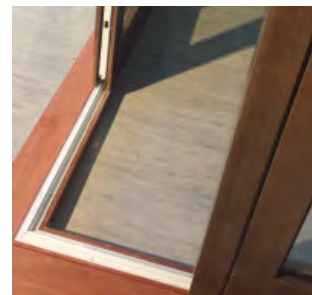
WERS energy rating: U-value from a very low 1.0







Unique airtight framing design for corners without corner posts. Like all lift-slide doors, the lifting function facilitates floor level installations for step-free access.



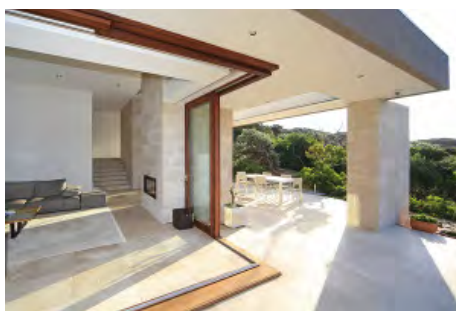
## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- German lift and slide hardware fittings
- Low VOC spray-painted or stained in the colour of your choice
- Multi-layer seals and night vent
- Suited for bushfire areas up to and including BAL-29, and for Passive House

## Size:

- Weight up to 250kg per slider
- Maximum width and height on request

WERS energy rating: U-value from a very low 1.0







Rebated frames, seals, multi-point locking and double or triple glazing ensure the highest energy efficiency with no rattling. Operated with a handle on every second door, there is no need for shoot bolts.



## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- German bi-fold hardware fittings, multi-point locking
- Inward opening with tilt function (depending on configuration), or outward opening on request
- Custom made to many configurations
- Low VOC spray-painted or stained in the colour of your choice
- Seals for high energy efficiency and sound protection
- Operated with a handle on every second door, no shoot bolts
- Suited for low bushfire areas and Passive House

## Size:

- Width up to 10m (depending on height) or
- Height up to 2.8m (depending on width)

WERS energy rating: U-value from a very low 1.1



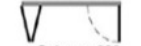
Scheme 431



Scheme 321



Scheme 330



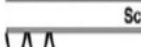
Scheme 330



Scheme 651



Scheme 633



Scheme 633



Scheme 633



Scheme 541



Scheme 550



Scheme 532



Scheme 532



Scheme 761



Scheme 770



Scheme 743



Scheme 743





Enabling easy access to verandahs and outdoor spaces, French doors are custom made with high energy efficiency, high noise protection and no drafts, due to rebated frames, seals and multi-point locking.



## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- German hardware fittings, multi-point locking
- Manual or automatic operation available
- Inward opening, or outward opening on request
- Low VOC spray-painted or stained in the colour of your choice
- Seals for very high energy efficiency and sound protection
- Suited for bushfire areas up to and including BAL-29 and Passive House

## Size:

- Width up to 2400mm
- Height up to 3000mm

WERS energy rating: U-value from a very low 1.0



Photo courtesy of Hovington Design







High security is ensured with multi-point locking, and 3-D-adjustable hinges and seals work together to ensure a draft-free fit. Barrier-free threshold available.



## Specifications

- IV 78mm timber frame, triple glazed with 2x 12-16mm argon filled gap
- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- Choice of glass combinations
- German hardware fittings, multi-point locking
- Manual or automatic operation available
- Inward opening, or outward opening on request
- Low VOC spray-painted or stained in the colour of your choice
- Seals for very high energy efficiency and sound protection
- Suited for bushfire areas up to and including BAL-29 and Passive House

## Size:

- Width up to 1400mm
- Height up to 3000mm

WERS energy rating: U-value from a very low 1.0

