



Doors

Today's architecture in Australia aims to maximise natural light without the massive loss of thermal qualities and increased air infiltration that can reduce the energy rating for the overall building. Paarhammer have proven that top energy ratings can be achieved with our special frames, seals and unique metal-to-metal locking system.

It's why the award-winning Paarhammer glass doors achieve unmatched energy ratings and the lowest air infiltration, achieving energy savings up to 85%. Custom made in Australia, these doors have an ultimate strength test of 2300pa (N4), with the Wood-Alu Range N5/C3, and water penetration of 150pa, giving our door systems unparalleled strength and security.

The design flexibility of our glass doors has been proven time after time. We manufacture bi-fold doors of up to 10m (30ft) wide and sliding doors over 3m (12ft) high.

Featuring our secure locking system, our doors achieve U-values of 1.0 and reduce noise up to 80-90%. It's not surprising that our solutions are suitable for the most demanding projects including Passive House.

Lift-slide



Giant lift-slide



Stacker sliding



Corner lift-slide



Bi-fold



French

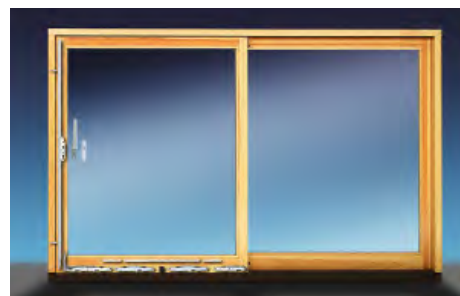


Hinged glass doors





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 6m² per leaf
- Height up to 2.7m at a maximum of 6m² per leaf
- Overall width by request

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

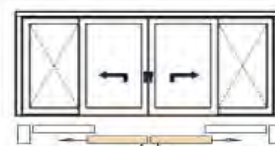
Ultimate strength 2300pa (N4), water penetration 150pa



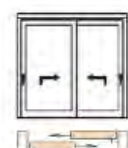
Scheme A



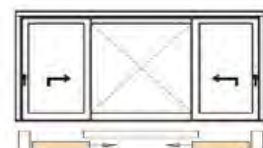
Scheme G



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 8.8m² per leaf
- Height up to 3.4m at a maximum of 8.8m² per leaf
- Overall width by request

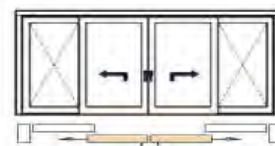
WERS energy rating: U-value from a very low 1.0



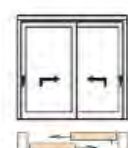
Scheme A



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.



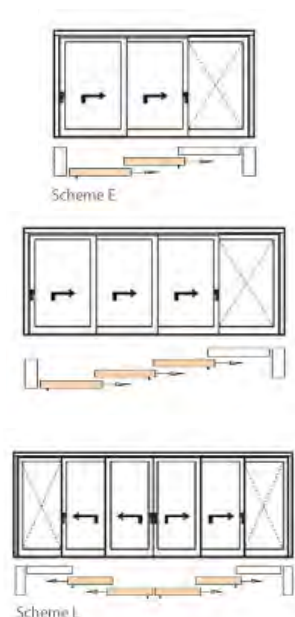
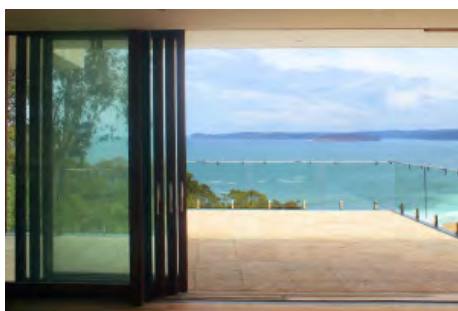
Specifications

- 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:

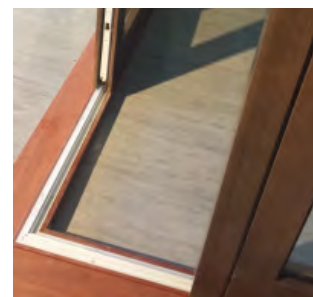
- Weight up to 300kg per slider
- Width up to 14m

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.



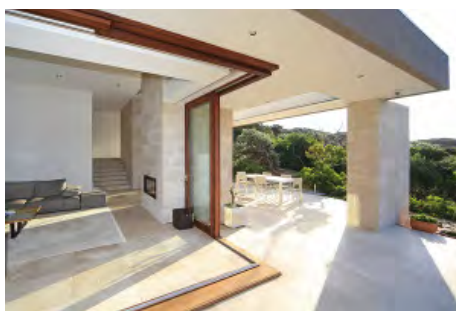
Specifications

- 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



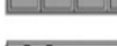
Scheme 330



Scheme 651



Scheme 633



Scheme 761



Scheme 770



Scheme 743



Scheme 541



Scheme 550



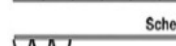
Scheme 532



Scheme 761



Scheme 770



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

