



## 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



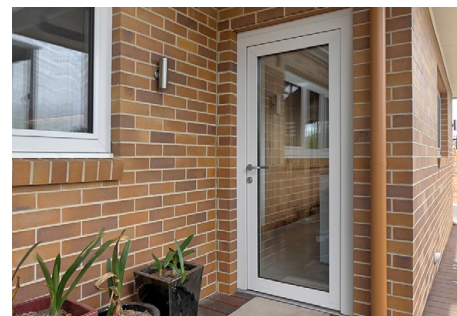
### Bi-fold



### French

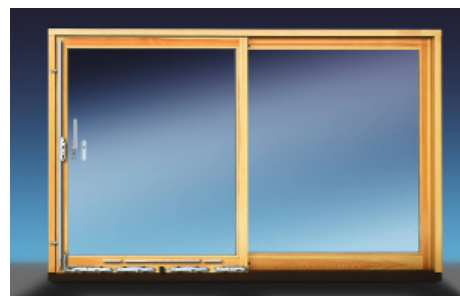


### Hinged glass doors





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.



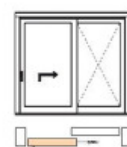
## Specifications

- IV 68mm timber frame, low VOC spray-painted or stained in the colour of your choice
- External aluminium cladding powder-coated in a wide range of colours
- Timber and cladding separated by 3mm clip system to stop condensation and subsequent rot
- Triple glazed 2x up to 16mm or double glazed 1x up to 22mm argon filled gap
- Choice of glass combinations
- Custom made
- German lift and slide hardware, multi-point locking
- Seals to eliminate drafts, night vent
- Available also as giant sliders or corner sliders
- Suited for bushfire areas up to and including BAL-29, and for Passive House

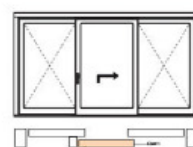
## Size:

- Weight up to 400kg per slider
- Slider width up to 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

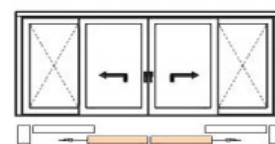
WERS energy rating: from a very low 1.0  
Ultimate strength N5/C3



Scheme A



Scheme G



Scheme C





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.



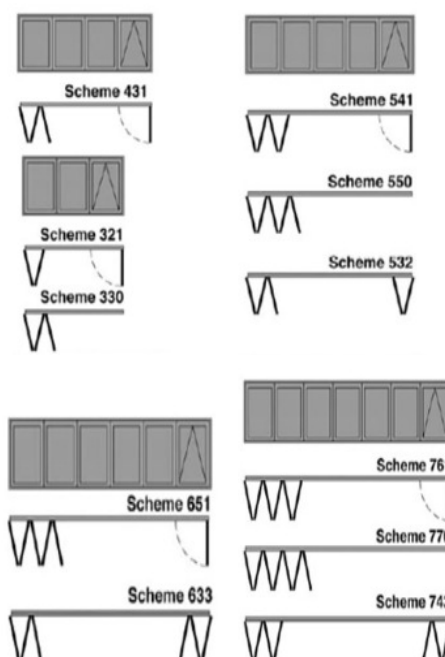
## Specifications

- IV 68mm timber frame, double glazed with 1x 14-20mm argon filled gap
- External aluminium cladding powder-coated in a wide range of colours
- Timber and cladding separated by 3mm clip system to stop condensation and subsequent rot
- Triple glazed 2x up to 16mm or double glazed 1x up to 22mm argon filled gap
- Choice of glass combinations
- Custom made, inside opening only, tilt option depending on configuration
- German hardware, multi-point locking
- Seals to eliminate drafts
- High energy efficiency and sound protection
- Suited for bushfire areas up to and including BAL-29, and for 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







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

- Internal IV 68mm timber frame, low VOC spray-painted or stained in the colour of your choice
- External aluminium cladding powder-coated in a wide range of colours
- Timber and cladding separated by 3mm clip system to stop condensation and subsequent rot
- Triple glazed 2x up to 16mm or double glazed 1x up to 22mm argon filled gap
- Choice of glass combinations
- Custom made
- German hardware, multi-point locking
- Manual or automatic operation available
- Seals to eliminate drafts
- High energy efficiency and sound protection
- Suited for bushfire areas up to and including BAL-29, and for Passive House

## Size:

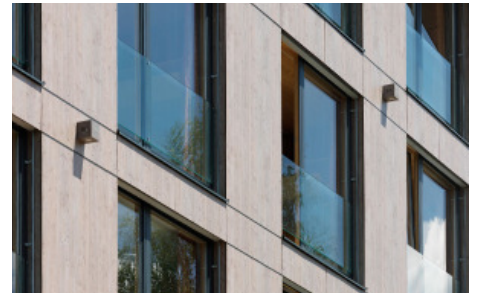
- Width up to 2400mm
- Height up to 3000mm

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





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

- Internal IV 68mm timber frame, low VOC spray-painted or stained in the colour of your choice
- External aluminium cladding powder-coated in a wide range of colours
- Timber and cladding separated by 3mm clip system to stop condensation and subsequent rot
- Triple glazed 2x up to 16mm or double glazed 1x up to 22mm argon filled gap
- Choice of glass combinations
- Custom made
- German hardware, multi-point locking
- Manual or automatic operation available
- Seals to eliminate drafts
- 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

