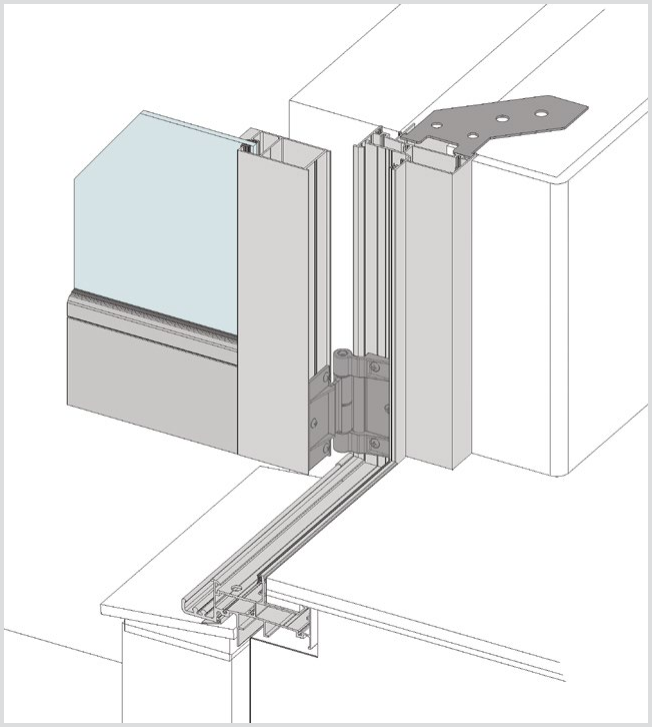
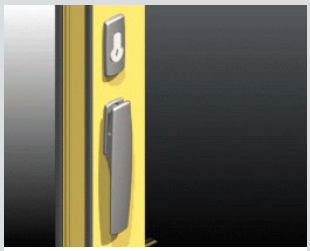
DESIGNER SERIES | SERIES 548

HIGH PERFORMANCE BI-FOLD DOOR



KEY FEATURES

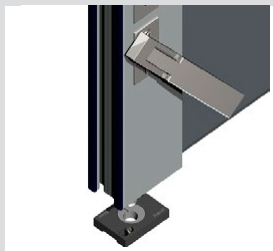
- Inspired by European systems, the Series 548 Bi-Fold is bottom rolling. Supporting panels at the base eliminates risk of lintel sag resulting in door binding.
- Doors run smoothly because all the weight is carried on bottom rollers.
- Wide top and bottom rails give the door the bold appearance of traditional timber designs.
- Series 548 doors incorporate specially designed compression blocks and backing plates at the four corner joints of the door. These take the "sloppiness" out of corner joints and make sure that the door stays rigid and square.
- The centre hinge between door panels has a built-in handle to allow panels to be easily pulled back into the closed position.
- Bi-fold panels can be fitted with ClearVENT™ sashless double-hung panels.



ANDO™ bolt activator, used to secure the bi-fold panels in the closed position. This hardware can be coloured to match the main frame. ANDO™ furniture also available in 316 stainless steel finish.

Bottom rollers are ideal for residential projects as top hung panels can run into problems if the head lintel sags. Roller cowling also available in stainless steel finish – ideal for coastal applications.

The above picture shows the optional 316 marine grade stainless steel ICON™ lever lock furniture available for French doors in the Bi-Fold system. We offer 3 different design options for lever lock sets and bi-fold activators.



Detailed above is the alternate ICON™, 316 stainless steel bolt activator. Turn the lever 90° to retract the top and bottom bolts.

GENERAL

Max Panel Height*
2600mm

Max Panel Width*
900mm

Max Glass Thickness
20mm

Frame Depth
102mm

ENERGY

UW Range
3.4-6.1

SHGC Range
0.25-0.57

WEATHER

Maximum Water
300 Pa. (Open out)

ACOUSTICS

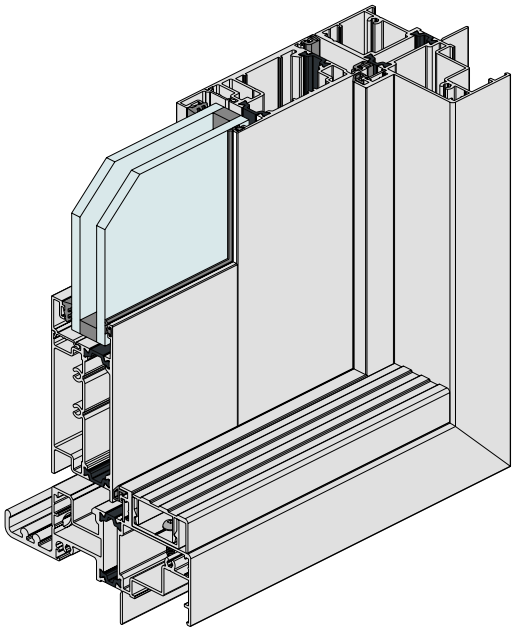
This product has not been acoustics tested.

vantagealuminium.com.au/548b

* Dimensions subject to individual site conditions.
BAL-40 compliance may limit glass options. Maximum glass size for BAL-40 products is 2.94m2.

DESIGNER SERIES ThermalHEART® | SERIES 730

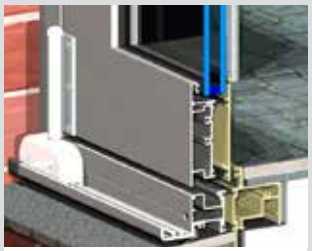
THERMALLY BROKEN BI-FOLD DOOR



KEY FEATURES

- Series 730 incorporates ThermalHEART® technology. ThermalHEART® systems perform up to 32% better than traditional aluminium windows and doors.
- Series 730 is a bottom rolling bi-fold system ideal for residential applications. Can be fitted with optional highlights.
- This bi-fold door has been tested for compliance with the relevant Australian Standards and achieved a high water resistance of 380Pa, making the product suitable for most residential applications.
- Low air infiltration suitable for air-conditioned buildings.
- Sharp square external glazing beads are standard.
- 100mm frame and transom have a soft 2mm internal radius.
- Doors can be fitted with a variety of custom lever and bi-fold activator sets (ICON™ or MIRO™) with Lever Compression Lock (LCL) motor as standard.
- ThermalHEART® will accept insulating glass units up to 32mm thick. The typical IGU thickness is 24mm.

Doors are fitted with heavy duty bottom rolling gear running on double tracks, ideal for supporting the weights of heavy double glazed door panels.



316 stainless steel roller cowling – designed for coastal applications. Bottom rollers allow us to have heavy door panels as the weight is supported by the sill as well as the option of highlights being fitted above.

We offer 4-point lever compression locking as standard. This ensures high performance seals and improves air infiltration resistance. ICON™ stainless steel furniture shown above.

The bi-fold activator secures the folding panels tight into the frame when closed. By turning the level 90° shoot bolts top and bottom are retracted to allow panels to open. We offer this furniture in two custom designs.

GENERAL

Max Panel Height*
2600mm

Max Panel Width*
900mm

Max Glass Thickness
32mm

Frame Depth
100mm

ENERGY

UW Range
2.6-5.2

SHGC Range
0.19-0.46

WEATHER

Maximum Water
380 Pa.

ACOUSTICS

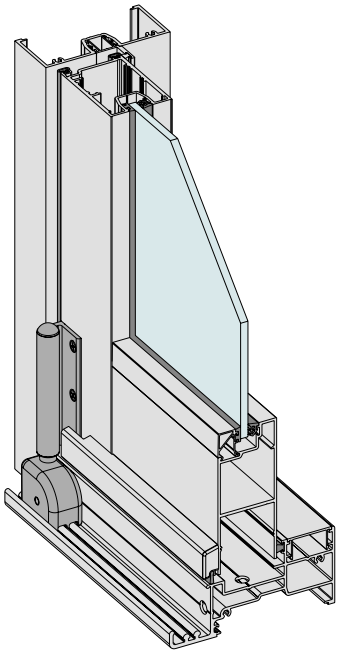
This product has not been acoustics tested.

vantagealuminium.com.au/730

*Dimensions subject to individual site conditions.
BAL-40 compliance may limit glass options. Maximum glass size for BAL-40 products is 2.94m2.

ARCHITECTURAL SERIES | SERIES 410

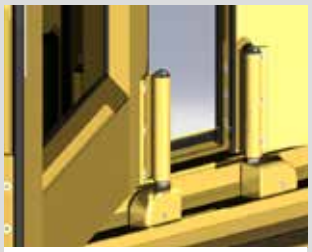
FoldMASTER™ BI-FOLD DOOR (BOTTOM ROLLING)



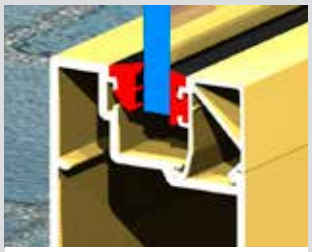
KEY FEATURES

- The Series 410 bi-fold door is an exceptionally strong bi-fold system designed to accept the heavy duty Series 50 and 52 doors.
- Rebated French door meeting stiles give a flush appearance when the two doors meet eliminating unsightly applied rebates.
- A variety of lever and lock options are available including proprietary multi-point and lever compression locking. Bi-fold panels can be secured with key operated twin bolts.
- Seamless door panel construction conceals the assembly joint giving a clean aesthetic appearance.
- Custom door co-extruded bulb seal for maximum weather performance.
- Door panels are supported on quad rollers running on heavy duty dual bottom rails.
- Opening or fixed highlights can be fitted.
- We can fit Centor™ S1E retractable flyscreens behind Series 410 bi-fold doors.

Heavy duty quad bogey, bottom rolling running gear. Available in powder coated finish to match doors or 316 marine grade stainless steel.



Specially designed runners to inhibit clashing in a bi-parting configuration.



We offer security glazing as shown above. Captive co-extruded glazing wedge on the outside. We can use silicone wet top on the outside in lieu of the captive wedge.

A full range of hardware available including 4-point locking mechanisms. ANDO™ lever furniture illustrated. Available in powder coat or stainless steel finish.

GENERAL

Max Panel Height*
3000mm

Max Panel Width*
1000mm

Max Glass Thickness
28mm

Frame Depth
102mm

ENERGY

UW Range
3.3-6.2

SHGC Range
0.14-0.59

WEATHER

Maximum Water
450 Pa.

ACOUSTICS

This product has not been acoustics tested. AWS anticipates this product's acoustic performance will be in-line with Series 548.

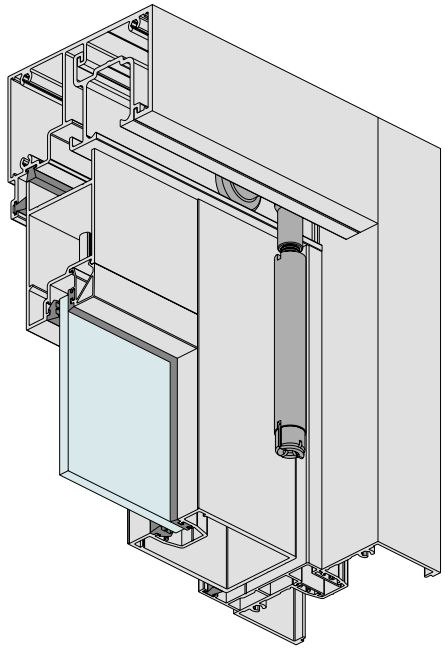
AS2047 BAL40 LIVABLE WINDOW ENERGY RATING

elevatealuminium.com.au/410

*Dimensions subject to individual site conditions.

ARCHITECTURAL SERIES | SERIES 411

ViewMASTER™ BI-FOLD DOOR (TOP HUNG)

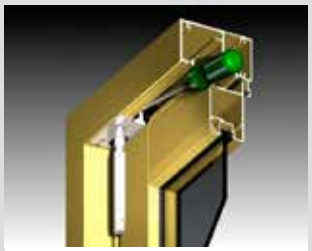


KEY FEATURES

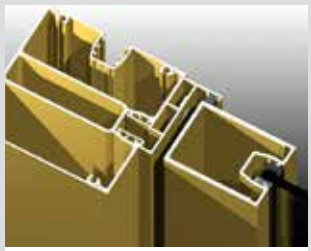
- Designed to accept the 50mm thick heavy duty Series 50 and 52 doors. Bi-fold doors can be manufactured with compliant panels up to 3000mm high.
- Hung on Centor™ stainless steel bearing rollers running in heavy duty dual overhead tracks.
- The standard E2 rollers will carry door panels up to 40kg
- Heavy duty E3 rollers will carry door panels up to 80kg.
- The Surelock™ adjustment on the pivots and carriers allow all panels to be lifted or lowered easily with a flat screwdriver.
- Top carriers are fitted with side-thrust roller/s. This protects the main load-bearing rollers from damage and inside scraping, ensuring silent, smooth rolling action.
- Carriers, pivots, hinges and fixings supplied in 304 SS.
- Seamless type door panel construction (rails nest into stiles) to conceal the assembly joint.
- We can fit Centor™ S1E retractable roller flyscreens behind Series 411 bi-fold doors.

The 411 utilises both Centor™ E2 and E3 running gear. E2 illustrated above.

A full range of hardware available including 4-point locking mechanisms. ANDO™ lever furniture illustrated. Available in powder coat or stainless steel finish.



All pivots are vertically and horizontally adjustable. Hinges and rollers can be adjusted vertically and horizontally.



The 411 incorporates varying profiles to be used as jambs, this includes corner mullion as shown above.

GENERAL

Max Panel Height*
3000mm

Max Panel Width*
1000mm

Max Glass Thickness
28mm

Frame Depth
102mm

ENERGY

UW Range
3.3-6.2

SHGC Range
0.14-0.59

WEATHER

Maximum Water
450 Pa.

ACOUSTICS

6.38mm Lam
28 (0;-2)

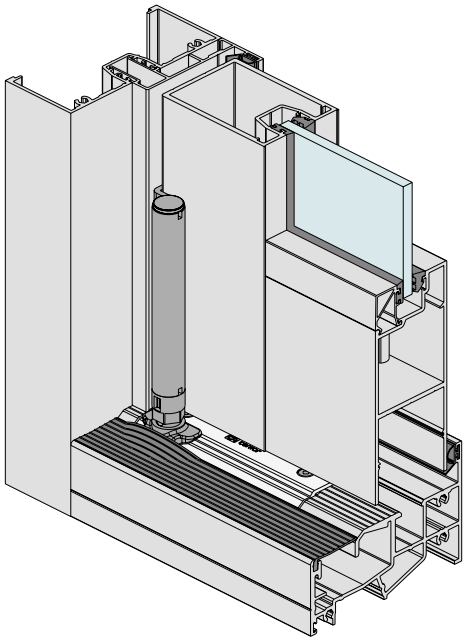
8.38mm Lam
31 (-1,-2)

elevatealuminium.com.au/411

*Dimensions subject to individual site conditions.

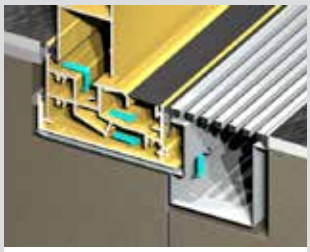
ARCHITECTURAL SERIES | SERIES 412

ViewMASTER™ BI-FOLD DOOR (BOTTOM ROLLING)



KEY FEATURES

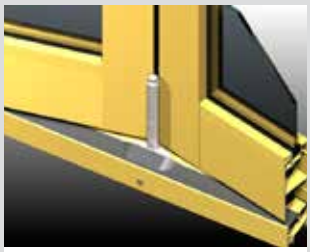
- Series 412 bi-fold door (bottom rollers) has been designed to accept the 50mm thick heavy duty Series 50 and 52 doors.
- Can be manufactured with panels up to 3000mm high.
- Bi-fold doors roll on Centor™ F3 stainless steel bearing rollers running in a heavy duty concealed sill track.
- Heavy duty F3 will carry door panels up to 80kg.
- The Surelock™ adjustment allows all panels to be lifted or lowered easily.
- Sill rollers are covered with a flexible flap. The sill flap keeps dust and water away from the sill rollers.
- Carriers, pivots, hinges and fixings supplied in 304/316 stainless steel.
- Top guide runs in semi-rigid PVC channel insert to reduce noise.
- A variety of lever and lock options are available including multi-point locking for added security.
- We can fit Centor™ S1E retractable roller flyscreens behind Series 412 bi-fold doors.



The sill can be recessed into floor finish and fitted with stainless steel drainage system.

A full range of hardware available including 4-point locking mechanisms. ANDO™ lever furniture illustrated. Available in powder coat or stainless steel finish.

Series 412 Bi-fold can incorporate Centor S1E roll-away screens. These screens retract away almost completely into the jamb canister as shown above.



Doors supported on concealed articulated rollers with built-in track sweeper.

GENERAL

Max Panel Height*
3000mm

Max Panel Width*
1000mm

Max Glass Thickness
28mm

Frame Depth
102mm

ENERGY

UW Range
3.4-6.2

SHGC Range
0.14-0.59

WEATHER

Maximum Water
300 Pa.

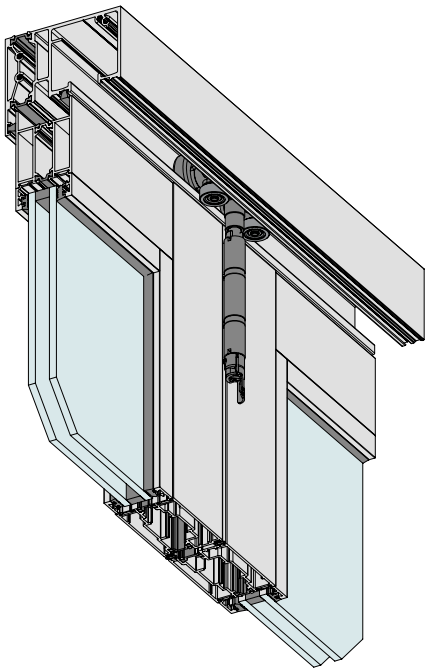
ACOUSTICS

This product has not been acoustics tested. AWS anticipates this product's acoustic performance will be in-line with Series 411.

*Dimensions subject to individual site conditions.

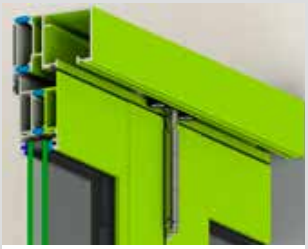
COMMERCIAL ThermalHEART®| SERIES 831

THERMALLY BROKEN BI-FOLD DOOR (TOP HUNG)

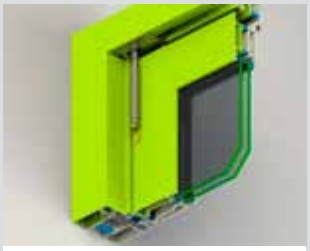


KEY FEATURES

- Top hung bi-fold door designed to suit ThermalHEART® 100mm x 50mm CentreGLAZE™ and FrontGLAZE™ framing.
- Frames can also be fabricated with 17mm Slimline jambs.
- 50mm thick door panel accepts thick glass and can achieve large panel sizes.
- Wide door stiles accept 40mm backset locks that allow easier access to the lock cylinder.
- The standard locks for Series 831 are lever compression locks with ICON™ 316 stainless steel furniture.
- AWS Centor™ twin stainless steel roller bearings running in heavy duty dual overhead tracks. The E3 rollers will support panels up to 80kg.
- There is a variety of sill options to choose from. Weather resisting through to recessed sill channel.
- Extra deep glazing beads designed to give 12mm glass bite and 15mm glass cover with 4mm installation/fabrication tolerance.



Top-hung rollers designed to carry heavy panels up to 80kg. Rollers can be adjusted up or down.



Doors can be adjusted up or down for head or sill clearance.

Bi-parting rollers nest snugly into custom heady duty head.

Accepts 316 grade stainless steel ICON™ bi-fold door locks.

GENERAL

Max Panel Height
3000mm

Max Panel Width
1000mm

Max Glass Thickness
28mm

Frame Depth
100mm

ENERGY

UW Range
2.4-3.0

SHGC Range
0.21-0.50

WEATHER

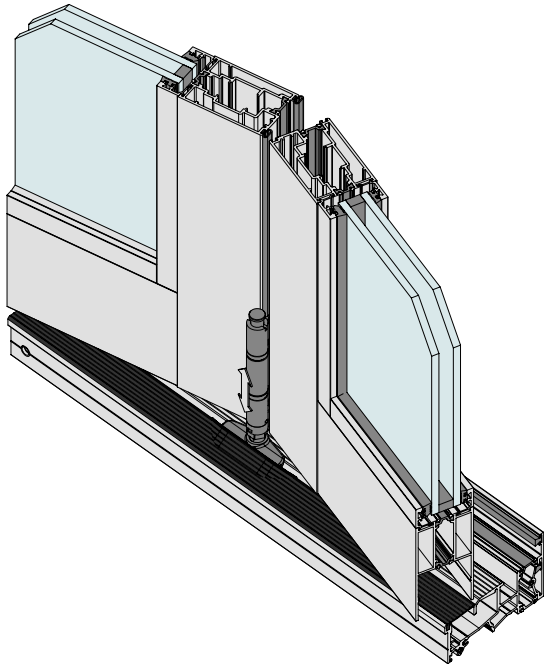
Maximum Water
200 Pa.

ACOUSTICS

This product has not been acoustics tested.

COMMERCIAL ThermalHEART® | SERIES 832

THERMALLY BROKEN BI-FOLD DOOR (BOTTOM ROLLING)

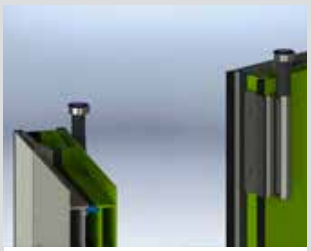


KEY FEATURES

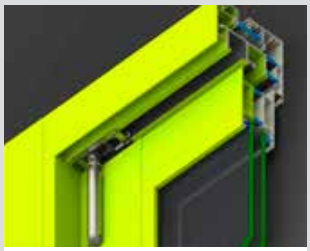
- Bottom rolling commercial bi-fold door system designed to suit ThermalHEART® 100mm x 50mm CentreGLAZE™ and FrontGLAZE™
- Frames can also be fabricated with 17mm Slimline jambs.
- 50mm thick door panels accept thick glass and can achieve very large panel sizes.
- Wide door stiles accept 40mm backset locks that allow easier access to the lock cylinder.
- The standard locks for Series 832 are lever compression locks with ICON™ 316 stainless steel furniture.
- AWS/Centor™ quad stainless steel roller bearings running in heavy duty concealed sill track. The F3 rollers will support panels up to 80Kg.
- Rollers and pivots can be height adjusted as required.
- There is a variety of sill options to choose from. Weather resisting and flush.
- True French meeting stiles for type BFD3+1 doors.

Custom extruded flexible cover flap keeps dust and water out of track.

Heavy duty rollers will support panels up to 80kg



Stainless steel floating head guide running in rigid PVC sleeve to reduce noise.



Hinges can be adjusted sideways, up or down.

GENERAL

Max Panel Height
3000mm

Max Panel Width
1000mm

Max Glass Thickness
28mm

Frame Depth
100mm

ENERGY

UW Range
2.4-3.0

SHGC Range
0.21-0.50

WEATHER

Maximum Water
200 Pa.

ACOUSTICS

This product has not been acoustics tested.

AS2047 BAL40 LIVABLE WINDOW ENERGY RATING

elevatealuminium.com.au/832

AWS