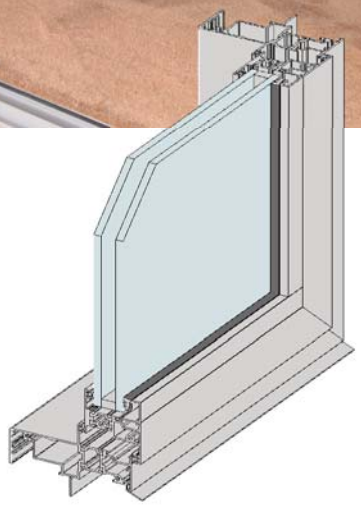
VANTAGE ALUMINIUM JOINERY

Series 730
Thermally Broken Bi-fold Door

THERMAL HEART



DESIGN FEATURES

- Series 730 incorporates Thermal HEART™ technology giving a true wide thermal break between the outside and inside faces. WERS (Window Energy Rating System) data shows that using the same IGU in a Thermal HEART™ awning is 32% more efficient than a standard non-thermally broken window.
- A major advantage with Thermal HEART™ in cold climates is the reduction in internal condensation. Thermal HEART™ is also suitable for hot climates.
- We offer Thermal HEART™ in a range of stocked colours including dual colour ClearMIST™.
- Running bi-fold doors on bottom rollers reduces the problems caused by lintel sag and allows us to offer optional highlights.
- This bi-fold door has been tested for compliance with the relevant Australian Standards and achieved a high water resistance of 380Pa, this makes the product suitable for most residential applications.
- Low air infiltration suitable for air conditioned buildings.
- The extra strong door stiles allow over size door panels to be fabricated.
- 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. ICON™ lever sets are available in 316 Stainless steel finish.

Maximum Panel Height	2600mm
Maximum Panel Width	900mm
Maximum Glass Thickness	≤ 32mm

Subject to individual site conditions. Contact AWS Technical Support for more information.

WERS RATED PRODUCT

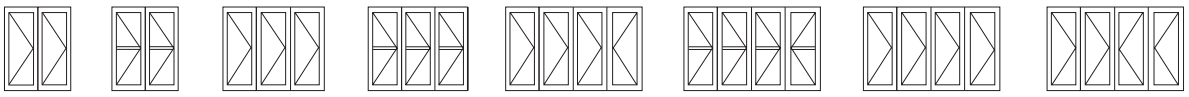
ENHANCED ACOUSTIC PERFORMANCE

3D & 2D CAD FILES AVAILABLE

PRODUCT INFORMATION AVAILABLE AT WWW.VANTAGEALUMINIUM.COM.AU

SPECIFIER ASSISTANCE AVAILABLE

TYPICAL CONFIGURATIONS



AWS ARCHITECTURAL WINDOW SYSTEMS PTY LTD

VANTAGE ALUMINIUM JOINERY

Photo courtesy of DLG Aluminium & Glazing

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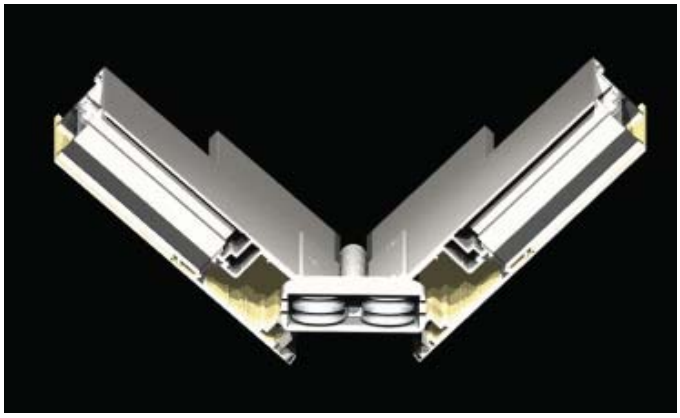
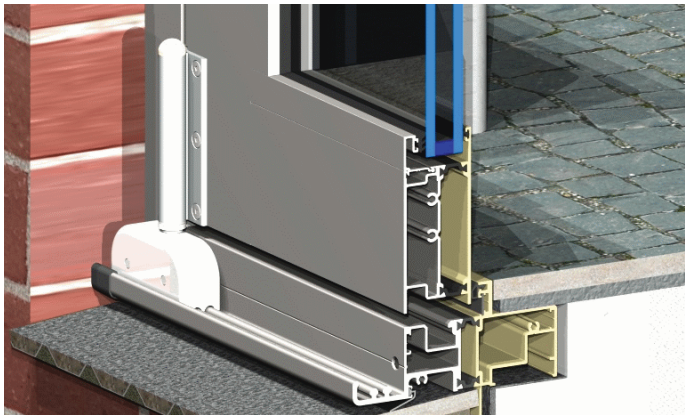


Doors are fitted with heavy duty bottom rolling gear running on double tracks, ideal for supporting the weight of heavy double glazed door panels.

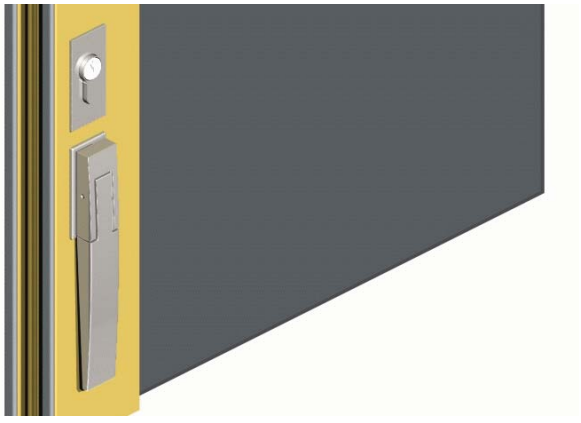


This illustration also shows the optional 316 stainless steel roller cowling - designed for coastal applications.

Another feature with bottom rollers on residential applications is we don't have to worry about the heavy door panels pulling down on the lintel above as all the weight is being transferred to the sill.

With bottom rollers we also have the ability to fit highlights over the bi-fold doors. Highlights could be fixed lights or awnings from Series 726 with a thermally broken transom coupler.

We offer two types of lock furniture for Series 729. Both come with four point lever compression locking as standard. This feature keeps the doors tight on the seals and improve air infiltration resistance. The ICON™ furniture illustrated above is only available in 316 stainless steel finish.



The bi-fold activator secures the folding bi-fold panels tight into the frame when closed. By turning the lever 90° shoot bolts are retracted top and bottom to allow panels to open. We offer this furniture in two custom designs ICON™ shown above is only available in 316 stainless steel finish.

2D & 3D CAD FILES AVAILABLE
GO TO: www.vantagealuminium.com.au > CAD & Revit 3D Files
CAD file: DWG or DXF VAN_730

MORE INFORMATION
For the latest updates regarding this product visit our web site
www.vantagealuminium.com.au

Thermal HEART™ windows and door frames have been designed in Australia to suit our building-in conditions. Nailing fins (weather bars), building-in lugs and the PVC sill flap are all designed in to make it easier for your builder. Many imported products have been designed for overseas conditions and don't necessarily suit Australia.