

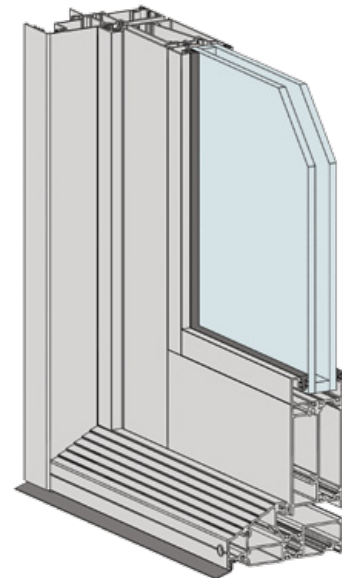


Overview

The Series 729 is a high performance thermally broken aluminium door delivering excellent thermal outcomes. The Designer Series ThermalHEART™ range has been designed with flat faces for a clean, contemporary look. In this respect it mirrors the design approach adopted for standard Designer Series products. Corners have generally been squared off, with externally applied glazing beads also following a square, rather than sloped, shape.

Key Features

- We offer both external and internal opening hinged doors designed to complement our other Designer Series Thermal HEART™ products.
- Series 729 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. It takes more energy to cool a home in a hot area compared to heating a home in a cold climate zone.
- We offer Thermal HEART™ in a range of stocked colours including dual colour ClearMIST™.
- The doors have been tested for compliance with the relevant Australian Standards and achieved a high water resistance of 380Pa for external swing doors and 150Pa water resistance for internal opening doors, this makes the product suitable for most residential applications.
- Low air infiltration suitable for air conditioned buildings.
- The extra strong door facilitates over size door panels.
- Doors can be fitted with a variety of custom lever 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 information.



WERS RATED PRODUCT



ENHANCED ACOUSTIC PERFORMANCE



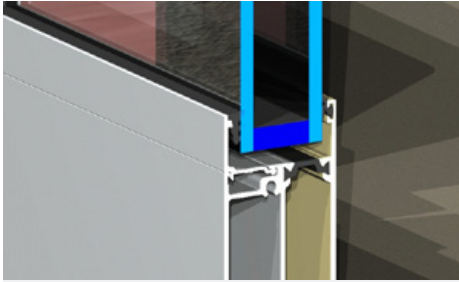
3D & 2D CAD FILES AVAILABLE



PRODUCT INFORMATION AVAILABLE AT
WWW.VANTAGEALUMINIUM.COM.AU



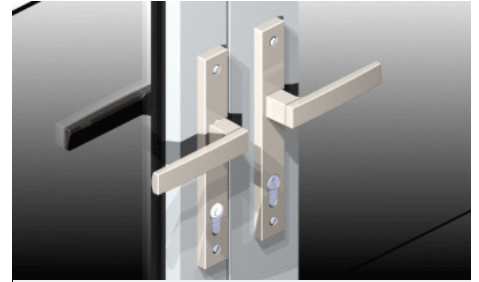
SPECIFIER ASSISTANCE AVAILABLE



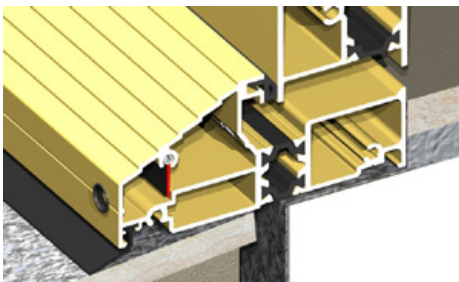
Double glazing is used as standard to obtain maximum thermal performance. When combined, ThermalHEART™ units incorporating double glazing perform 32% better than standard non thermally broken double glazed windows.



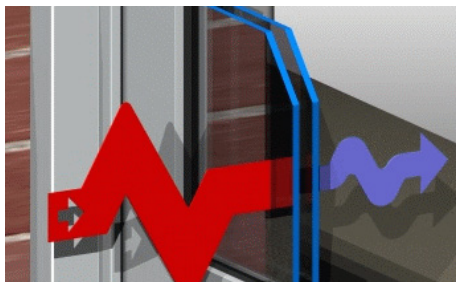
The hardware used on the 729 has been specifically designed for the product. Hinges nest into stile and frame - no shims required. The illustration above shows our parliament hinge that will allow panels to open against the wall.



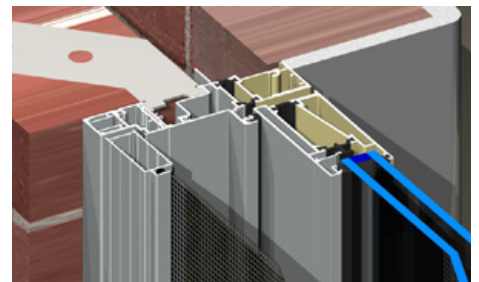
We offer two types of lock for the 729 and both come with 4-point lever compression as standard. This keeps the doors tight on the seals and improves air infiltration resistance.



Custom water resisting threshold.

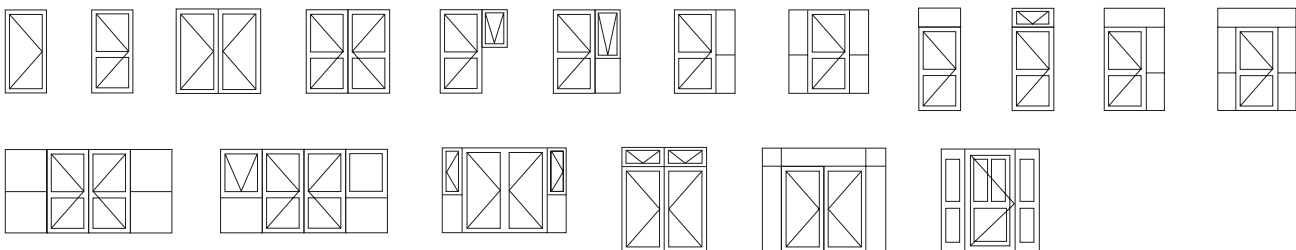


ThermalHEART™ windows and frames have been designed to suit Australian building-in conditions. Nailing fins, building-in lugs and PVC sill flap are all designed in to make it easier for your builder.



Flydoors can be fitted to the Series 729 frame.

Typical Configurations



WERS RATINGS

The table below lists some of the WERS rated glass and frame combinations for this system. For a complete list of all rated glass and frame combinations refer to the Series 729 WERS Data Sheet.

| Glass Description | COOLING | HEATING | Uw | SHGCw | Tvw | Inf |
|-------------------|---------|---------|-----|-------|------|------|
| 4AZ/10GAP/4EA | 67% | 39% | 2.8 | 0.26 | 0.38 | 0.64 |
| 4Clr/10Ar/4EA | 55% | 50% | 2.6 | 0.44 | 0.45 | 0.64 |
| 5EG/8Ar/5EA | 67% | 39% | 2.7 | 0.26 | 0.37 | 0.64 |
| 6Clr/12GAP/6Clr | 52% | 44% | 3.2 | 0.44 | 0.47 | 0.64 |
| 6Clr/12GAP/6EA | 56% | 48% | 2.8 | 0.42 | 0.44 | 0.64 |