

# HARDWARE SOLUTIONS

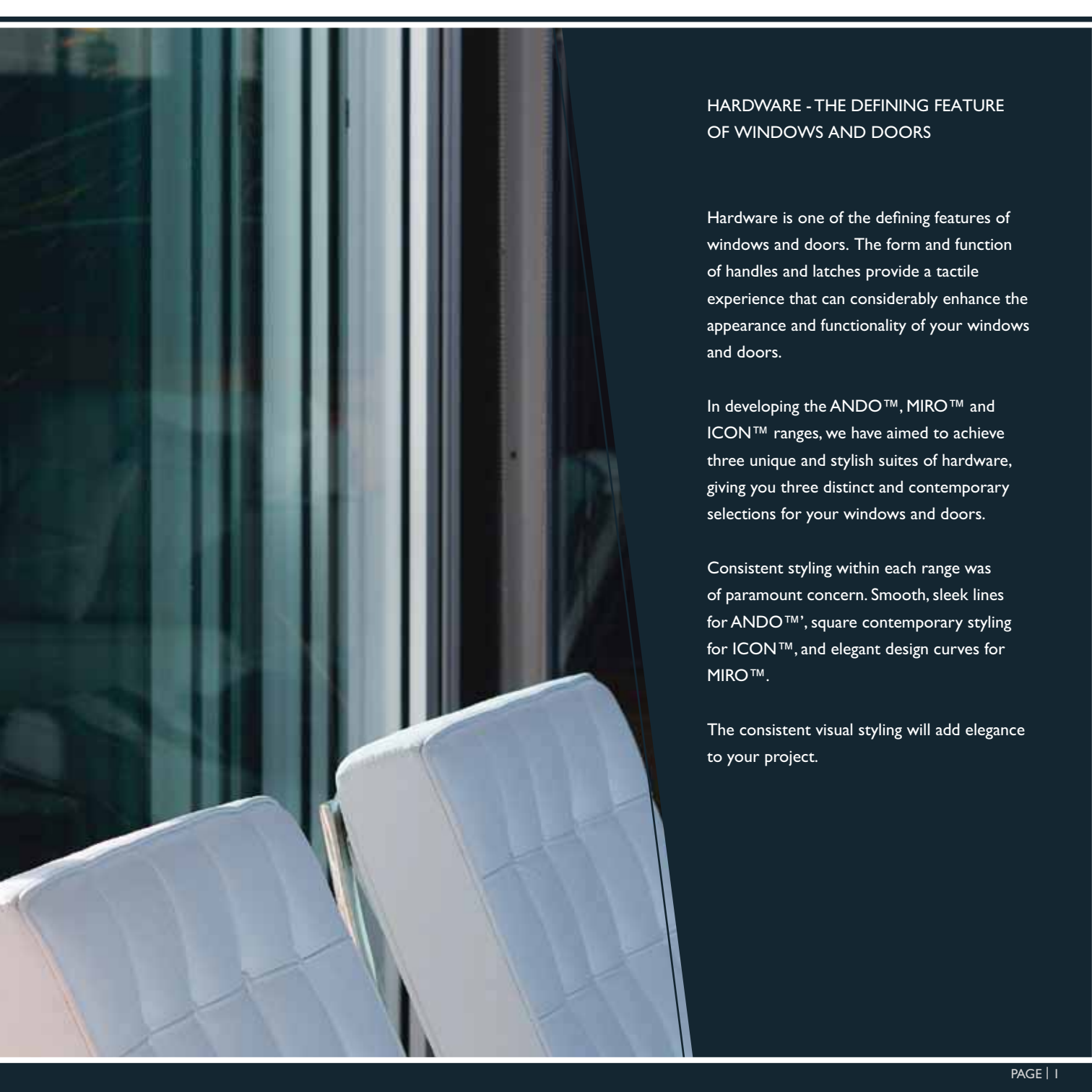
ANDO™, ICON™ & MIRO™ HARDWARE FOR ALUMINIUM WINDOWS & DOORS



HARDWARE



Hardware illustrated in this photograph is non standard. Please consult your fabricator for more information.

A close-up photograph of a window frame with a white tufted chair back in the foreground. The window frame is dark and sleek, with a vertical handle visible. The chair back is white with a tufted pattern. The background is a blurred view of a building through the window.

## HARDWARE - THE DEFINING FEATURE OF WINDOWS AND DOORS

Hardware is one of the defining features of windows and doors. The form and function of handles and latches provide a tactile experience that can considerably enhance the appearance and functionality of your windows and doors.

In developing the ANDO™, MIRO™ and ICON™ ranges, we have aimed to achieve three unique and stylish suites of hardware, giving you three distinct and contemporary selections for your windows and doors.

Consistent styling within each range was of paramount concern. Smooth, sleek lines for ANDO™, square contemporary styling for ICON™, and elegant design curves for MIRO™.

The consistent visual styling will add elegance to your project.

# THREE UNIQUE, STYLISH RANGES

Each of our hardware ranges is uniquely styled to offer you a variety of options for your windows and doors. Select from the smooth, sleek lines of ANDO™, square contemporary styling of ICON™, and elegant curves of MIRO™.



ANDO™  
Form follows feeling

Developed to complement the modern design and clean lines of the Designer Series, the ANDO™ range brings a fresh and sleek look to residential windows and doors. Available across the range of window and door applications and in a wide variety of finishes, ANDO™ hardware offers a family appearance providing consistency throughout your project.



ICON™  
Strength and integrity

The ICON™ hardware range is a fully integrated range of 316-grade stainless steel hardware for aluminium windows and doors.

The range offers superior weathering performance and outstanding durability making it suitable for all environments. Developed for use with our high performance window systems, ICON™ incorporates a square-edge, rectilinear look which complements the lines of Designer Series or Architectural Series windows and doors.



MIRO™  
Contemporary style

The MIRO™ range of window and door hardware is a blend of contemporary design and function. It offers a unified look from window to door.

The smooth, ergonomic MIRO™ shapes offer good aesthetics as well as a comfortable hand grip. Secure and convenient locking features have been included.

Manufactured from die-cast zinc and available in a range of contemporary powder coat finishes to match or contrast your aluminium joinery.



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Photo courtesy of DLG Aluminium and Glazing

# ANDO<sup>TM</sup> HARDWARE

Developed to complement the modern design and clean lines of the Designer Series, the ANDO<sup>TM</sup> range brings a fresh and sleek look to residential windows and doors. Manufactured from die-cast zinc or 316-grade stainless steel the ANDO<sup>TM</sup> range is available across the range of window and door applications and in a wide variety of finishes. ANDO<sup>TM</sup> hardware offers a family appearance providing consistency throughout your project.





ando

# ANDO™

## TWIN POINT SLIDING DOOR LOCK

This powerful square form handle surface mounts to the door. The handle incorporates a twin actuated locking mechanism with dual 316-grade stainless steel locking tongues. The external pull handle is manufactured from powder coat finished Stainless Steel to deliver excellent corrosion resistance and durability.

### SUITABLE FOR USE WITH

-  Series 541 Residential Sliding Door
-  Series 542 Residential Sliding Door
-  Series 618 MAGNUM™ Sliding Door
-  Series 471 Apartment Sliding Door
-  Series 702 SlideMASTER™ Sliding Door
-  Series 704 SlideMASTER™ Sliding Door



### DIMENSIONS

Height: 210mm  
Width: 105mm  
Depth: 44mm



# ANDO™

## SLIMLINE SLIDING DOOR LOCK

The ANDO™ slimline sliding door lock incorporates a twin actuated locking mechanism with dual 316-grade stainless steel locking tongues. There is no lever or D-pull to protrude over the glass, ensuring clean lines and sleek appearance. The external pull handle is manufactured from powder coat finished Stainless Steel to deliver excellent corrosion resistance.

### SUITABLE FOR USE WITH

-  Series 541 Residential Sliding Door
-  Series 542 Residential Sliding Door
-  Series 618 MAGNUM™ Sliding Door
-  Series 471 Apartment Sliding Door
-  Series 702 SlideMASTER™ Sliding Door
-  Series 704 SlideMASTER™ Sliding Door



### DIMENSIONS

Height: 210mm  
Width: 30mm  
Depth: 38mm



# ANDO™

## SINGLE POINT SLIDING DOOR LOCK

Maintaining the form and style of the ANDO™ range, this single point sliding door lock is ideal for residential applications. The handle surface mounts to the door and offers an integrated single point locking mechanism. The external pull handle is manufactured from powder coat finished Stainless Steel to deliver excellent corrosion resistance and durability.

### SUITABLE FOR USE WITH

-  Series 541 Residential Sliding Door
-  Series 542 Residential Sliding Door
-  Series 618 MAGNUM™ Sliding Door
-  Series 471 Apartment Sliding Door



### DIMENSIONS


Height: 210mm  
Width: 100mm  
Depth: 40mm



# ANDO™ SLIDING DOOR HANDLE

This elegant D'Pull handle is designed to offer a sleek contemporary alternative to surface mounted sliding door locks. Used in conjunction with a mortice lock the ANDO™ Sliding door handle delivers a secure, functional and elegant solution. The handle is manufactured from 316-grade Stainless Steel and offered in a natural or powder coat finish.

## SUITABLE FOR USE WITH

-  Series 618 MAGNUM™ Sliding Door
-  Series 731 ThermalHEART™ Sliding Door
-  Series 702 SlideMASTER™ Sliding Door
-  Series 704 SlideMASTER™ Sliding Door



## DIMENSIONS

Height: 236mm  
Width: 66.5mm  
Depth: 50.5mm

 Available in 316-grade Stainless Steel or Powder coat finish

Available mid 2012



# ANDO™ BI-FOLD OPERATOR

This swivel operator throws locking stainless steel bolts into the frame at the top and bottom of the panel. Optional key-locking (separately installed) is available. Available in 316-grade stainless steel or die-cast zinc with powder coated finish.

## SUITABLE FOR USE WITH

-  Series 546 Designer Bi-fold Window
-  Series 548 Designer Bi-fold Door
-  Series 730 ThermalHEART™ Bi-fold Door
-  Series 410 FoldMASTER™ Bi-fold Door
-  Series 411 ViewMASTER™ Bi-fold Door
-  Series 412 ViewMASTER™ Bi-fold Door



## DIMENSIONS (operator)

Height: 143mm  
Width: 27mm  
Depth: 15mm










 Also available in 316-grade Stainless Steel



# ANDO™ LOCKING LEVER HANDLE

A clean, compact lever handle with options for single or multi-point locking. Turning the key activates locking rods at the top and bottom of the door. Available in 316-grade stainless steel or powder coat finish.

## SUITABLE FOR USE WITH

-  Series 549 Residential Entry Door
-  Series 548 Designer Bi-fold Door
-  Series 548 Designer Hinged Door
-  Series 729 ThermalHEART™ Hinged Door
-  Series 730 ThermalHEART™ Bi-fold Door
-  Series 410 FoldMASTER™ Bi-fold Door
-  Series 411 ViewMASTER™ Bi-fold Door
-  Series 412 ViewMASTER™ Bi-fold Door
-  Series 650 Architectural Hinged Door



## DIMENSIONS

Height: 215mm  
Width: 125mm  
Depth: 55mm

 Also available in 316-grade Stainless Steel



# ANDO™ CHAINWINDER

The ANDO™ manual chainwinder is designed to suit awning window systems. Incorporating a corrosion resistant Polesium™ body and adjustable 316-grade stainless steel chain, the ANDO™ manual chainwinder is ideal for use in exposed locations.


## SUITABLE FOR USE WITH

-  Series 516 Residential Awning Window
-  Series 517 Residential Awning Window
-  Series 616 Designer Awning Window
-  Series 726 ThermalHEART™ Awning Window
-  Series 456 Commercial Awning Window
-  Series 466 Architectural Awning Window



## DIMENSIONS

Height: 50mm  
Width: 280mm  
Depth: 50mm

 Supplied as standard with 316 Stainless Steel chain



# ANDO™ SLIDING WINDOW LOCK

A compact streamlined window lock with retractable handle for a neat, flush finish. Press button to expose handle for window operation, push handle into body to lock and conceal handle. Simple elegant aesthetics make this lock ideal for architectural and designer sliding windows where a minimalist style is desired. Available in powder coated finish.

## SUITABLE FOR USE WITH

-  Series 601 Designer Sliding Window
-  Series 602 Designer Sliding Window
-  Series 461 Apartment Sliding Window
-  Series 462 Architectural Sliding Window



## DIMENSIONS

Height: 195mm  
Width: 28mm  
Depth: 7mm (handle retracted)







# ANDO™

## DOUBLE HUNG WINDOW LOCK

A simple stylish window lock for use with double-hung windows. Chrome detail on the latch is consistent with other hardware items from the ANDO™ range and gives an elegant air to this simple design. Turn the latch to lock and unlock. Available in a range of powder coat finishes to complement your joinery.

### SUITABLE FOR USE WITH

-  Series 514 Residential Double-Hung Window
-  Series 613 Designer Double-Hung Window
-  Series 453 Commercial Double-Hung Window
-  Series 463 Architectural Double-Hung Window



### DIMENSIONS

Height: 30mm  
Width: 115mm  
Depth: 30mm



# ICON™ HARDWARE

The ICON™ hardware range is a fully integrated range of 316-grade stainless steel hardware for aluminium windows and doors. The range offers superior weathering performance and outstanding durability making it suitable for all environments.

Developed for use with our high performance window systems, ICON™ incorporates a square-edge, rectilinear look which complements the lines of Designer and Architectural Series windows and doors.

icon



**icon**

# ICON™

## TWIN POINT SLIDING DOOR LOCK

Designed to compliment the ICON™ range this surface mounted lock is ideal for use in residential applications. The Stainless Steel handle incorporates a twin actuated locking mechanism with dual 316-grade stainless steel locking tongues. Available in 316-grade Stainless Steel only.

### SUITABLE FOR USE WITH

-  Series 541 Residential Sliding Door
-  Series 542 Residential Sliding Door
-  Series 618 MAGNUM™ Sliding Door
-  Series 471 Apartment Sliding Door
-  Series 702 SlideMASTER™ Sliding Door
-  Series 704 SlideMASTER™ Sliding Door



Internal Handle with removable snib

#### DIMENSIONS

Height: 240mm  
Width: 98mm  
Depth: 38mm



Optional External Handle

#### DIMENSIONS

Height: 240mm  
Width: 33mm  
Depth: 32mm



Only available in 316-grade Stainless Steel



Note: External handle shown



# ICON™ SLIDING DOOR FLUSH PULL

This is an alternative to a sliding door handle and offers a more understated look. Internal corners of the pull are rounded to soften the aesthetics. A mortice lock with hook bolt is fixed separately and is activated by key or interior turn knob in a rectangular base. Available in 316-grade stainless steel only.


## SUITABLE FOR USE WITH

-  Series 618 MAGNUM™ Sliding Door
-  Series 731 ThermalHEART™ Sliding Door
-  Series 702 SlideMASTER™ Sliding Door
-  Series 704 SlideMASTER™ Sliding Door



## DIMENSIONS

- Height: 230mm
- Width: 45mm
- Depth: 2mm protrusion from extrusion face  
15mm recess

 Only available in 316 Stainless Steel



# ICON™ SLIDING DOOR HANDLE

This powerful square-form handle offers a firm, comfortable grip and is ideal for larger sliding panels. It is fixed to the door on both the interior and exterior. A mortice lock with hook bolt is fixed separately and is activated by key or internal turn snib in a rectangular base plate. Available in 316-grade stainless steel only.


## SUITABLE FOR USE WITH

-  Series 618 MAGNUM™ Sliding Door
-  Series 731 ThermalHEART™ Sliding Door
-  Series 702 SlideMASTER™ Sliding Door
-  Series 704 SlideMASTER™ Sliding Door



## DIMENSIONS

Height: 325mm  
Width: 60mm  
Depth: 45mm

 Only available in 316 Stainless Steel



**icon**

# ICON™ BI-FOLD OPERATOR

This swivel operator throws locking stainless steel bolts into the frame at the top and bottom of the door or window panel. The square corners of the handle are combined with radiused top and bottom surfaces to soften the aesthetics. Optional key-locking (separately installed) is available. Available in 316-grade stainless steel only.

## SUITABLE FOR USE WITH

-  Series 546 Designer Bi-fold Window
-  Series 548 Designer Bi-fold Door
-  Series 730 ThermalHEART™ Bi-fold Door
-  Series 410 FoldMASTER™ Bi-fold Door
-  Series 411 ViewMASTER™ Bi-fold Door
-  Series 412 ViewMASTER™ Bi-fold Door



## DIMENSIONS (operator)

Height: 170mm  
Width: 25mm  
Depth: 20mm

 Only available in 316 Stainless Steel












**icon**

# ICON™ LEVER HANDLE

A clean, compact lever handle with four point locking as standard. The grip has a gently radiused front face and a curved back for a comfortable hand hold. Used in conjunction with lever compression locking, a lifting movement of the handle activates locking rods at the top and bottom of the door. Available in 316-grade stainless steel only.

## SUITABLE FOR USE WITH

-  Series 549 Residential Entry Door
-  Series 548 Designer Bi-fold Door
-  Series 548 Designer Hinged Door
-  Series 729 ThermalHEART™ Hinged Door
-  Series 730 ThermalHEART™ Bi-fold Door
-  Series 410 FoldMASTER™ Bi-fold Door
-  Series 411 ViewMASTER™ Bi-fold Door
-  Series 412 ViewMASTER™ Bi-fold Door
-  Series 650 Architectural Hinged Door



## DIMENSIONS

Height: 210mm  
Width: 123mm  
Depth: 44mm



Only available in 316 Stainless Steel



icon

# ICON™ CASEMENT LATCH

The ICON™ Casement Latch is designed to suit residential awning and casement windows. Manufactured from 316-grade stainless steel, this fastener incorporates square-edged and radiused styling in a bold aesthetic statement. A grey nylon wedge is incorporated.


## SUITABLE FOR USE WITH

-  Series 516 Residential Awning/Casement Window
-  Series 517 Residential Awning/Casement Window
-  Series 616 MAGNUM™ Awning/Casement Window
-  Series 726 ThermalHEART™ Awning/Casement Window
-  Series 456 Commercial Awning Window
-  Series 466 Architectural Awning/Casement Window



## DIMENSIONS

Height: 38mm  
Width: 130mm  
Depth: 21mm

 Only available in 316 Stainless Steel



# MIRO™ HARDWARE

The MIRO™ range of window and door hardware is a blend of contemporary design and function. It offers a unified look from window to door. The smooth, ergonomic MIRO™ shapes offer good grip. Secure and convenient locking features have been included. Manufactured from die-cast zinc and are available in a range of contemporary powder coat finishes to match or contrast your aluminium joinery.



MIRO



# MIRO™

## SINGLE POINT SLIDING DOOR LOCK

Gentle curves and ergonomic design, this single point sliding door lock is ideal for residential applications. The handle surface mounts to the door and offers an integrated single point locking mechanism. The external pull handle is manufactured from powder coat finished Stainless Steel to deliver excellent corrosion resistance.

### SUITABLE FOR USE WITH

-  Series 541 Residential Sliding Door
-  Series 542 Residential Sliding Door
-  Series 618 MAGNUM™ Sliding Door
-  Series 471 Apartment Sliding Door



### DIMENSIONS

Height: 210mm  
Width: 110mm  
Depth: 40mm



# MIRO™ BI-FOLD OPERATOR

The MIRO™ Bi-fold operator activates locking rods in the top and bottom of the door or window panel, offering security, convenience and style. A key-locking version is also available.

## SUITABLE FOR USE WITH

-  Series 546 Designer Bi-fold Window
-  Series 548 Designer Bi-fold Door
-  Series 730 ThermalHEART™ Bi-fold Door
-  Series 410 FoldMASTER™ Bi-fold Door
-  Series 411 ViewMASTER™ Bi-fold Door
-  Series 412 ViewMASTER™ Bi-fold Door



## DIMENSIONS (operator)

Height: 158mm  
Width: 30mm  
Depth: 16mm



# MIRO™ SLIDING DOOR HANDLE

The MIRO™ sliding door 'D' handle is ideal for residential sliding door applications. This handle is typically used in conjunction with a separate key lock or a snib latch in high traffic areas.

## SUITABLE FOR USE WITH

-  Series 618 MAGNUM™ Sliding Door
-  Series 731 ThermalHEART™ Sliding Door
-  Series 702 SlideMASTER™ Sliding Door
-  Series 704 SlideMASTER™ Sliding Door



## DIMENSIONS










Height: 168mm  
Width: 55mm  
Depth: 43mm



# MIRO™ LEVER HANDLE

With a sleek, comfortable grip common to all MIRO™ hardware, the lever door lock is available in several locking options, including keyed both sides or with interior snib. Used in conjunction with lever compression locking, an upward handle movement activates four-point locking.

## SUITABLE FOR USE WITH

-  Series 549 Residential Entry Door
-  Series 548 Designer Bi-fold Door
-  Series 548 Designer Hinged Door
-  Series 729 ThermalHEART™ Hinged Door
-  Series 730 ThermalHEART™ Bi-fold Door
-  Series 410 FoldMASTER™ Bi-fold Door
-  Series 411 ViewMASTER™ Bi-fold Door
-  Series 412 ViewMASTER™ Bi-fold Door
-  Series 650 Architectural Hinged Door



## DIMENSIONS

Height: 211mm  
Width: 130mm  
Depth: 70mm



# MIRO™ CASEMENT LATCH

The MIRO™ Casement Latch combines a sure hand grip with clean lines. The PVC closing wedge is matched to the handle colour. This handle is suitable for residential awning and casement window suites.

## SUITABLE FOR USE WITH

-  Series 516 Residential Awning/Casement Window
-  Series 517 Residential Awning/Casement Window
-  Series 616 MAGNUM™ Awning/Casement Window
-  Series 726 ThermalHEART™ Awning/Casement Window
-  Series 456 Commercial Awning Window
-  Series 466 Architectural Awning/Casement Window



## DIMENSIONS

Height: 35mm  
Width: 125mm  
Depth: 44mm



# HARDWARE COMPATIBILITY

ICON™, ANDO™ and MIRO™ hardware is compatible with most Vantage and Elevate Architectural Series systems, to simplify your selection process the table below indicates the compatibility of hardware with each Vantage or Elevate system.

	Residential Series					Designer Series							Thermal HEART™				
	514	516	517	541	542	546	548	549	601/2	613	616	618	726	729	730	731	
	D/hung	Awning	Awning	Sliding	Sliding	Bi-fold	Bi-fold	Hinged	Sliding	D/hung	Awning	Sliding	Awning	Hinged	Bi-fold	Sliding	
<b>ANDO™</b>																	
Single Point Sliding Door Lock				▲	▲							▲					
Twin Point Sliding Door Lock				▲	▲							▲					
Slimline Sliding Door Lock				▲	▲							▲					
Sliding Door Handle (with mortice lock).												▲					▲
Bi-fold Operator						▲	▲									▲	
Locking Lever Handle (2-point)							▲	▲						▲	▲		
Locking Lever Handle (4-point)							▲	▲						▲	▲		
Sliding Window Lock									▲								
Chainwinder		▲	▲								▲		▲				
Double Hung Window Lock	▲									▲							
<b>MIRO™</b>																	
Single Point Sliding Door Lock				▲	▲							▲					
Sliding Door D-pull (with mortice lock).												▲					▲
Bi-fold Operator						▲	▲									▲	
Lever Handle (2-point)							▲	▲						▲	▲		
Lever Handle (4-point)							▲	▲						▲	▲		
Lever Handle (with lever compression lock)							▲	▲						▲	▲		
Wedgeless Window Fastener/Cam Handle		▲	▲								▲		▲				
<b>ICON™</b>																	
Twin Point Sliding Door Lock				▲	▲							▲					
D-pull with ISEO Lock												▲					▲
Flush Pull (with mortice lock)												▲					▲
Bi-fold Actuator						▲	▲									▲	
2-Point Hinged Door Lock							▲	▲						▲	▲		
Multi-point (4) Hinged Door Lock							▲	▲						▲	▲		
Lever Compression Hinged Door Lock							▲	▲						▲	▲		
Wedgeless Window Fastener/Cam Handle		▲	▲								▲		▲				

	Commercial Series						Architectural Series									
	50/52	452	453	456	461	471	462	463	466	467	410	411	412	650	702	704
	Hinged	Sliding	D/hung	Awning	Sliding	Sliding	Sliding	D/hung	Awning	Awning	Bi-fold	Bi-fold	Bi-fold	Hinged	Sliding	Sliding
ANDO™																
Single Point Sliding Door Lock						▲										
Twin Point Sliding Door Lock						▲									▲	▲
Slimline Sliding Door Lock						▲										
Sliding Door Handle (with mortice lock).															▲	▲
Bi-fold Operator											▲	▲	▲			
Locking Lever Handle (2-point)	▲										▲	▲	▲	▲		
Locking Lever Handle (4-point)	▲										▲	▲	▲	▲		
Sliding Window Lock					▲		▲									
Chainwinder				▲					▲							
Double Hung Window Lock			▲					▲								
MIRO™																
Single Point Sliding Door Lock						▲										
Sliding Door D-pull (with mortice lock).															▲	▲
Bi-fold Operator											▲	▲	▲			
Lever Handle (2-point)	▲										▲	▲	▲	▲		
Lever Handle (4-point)	▲										▲	▲	▲	▲		
Lever Handle (with lever compression lock)	▲										▲	▲	▲	▲		
Wedgeless Window Fastener/Cam Handle				▲					▲							
ICON™																
Twin Point Sliding Door Lock						▲									▲	▲
D-pull (with mortice lock)															▲	▲
Flush Pull (with mortice lock)															▲	▲
Bi-fold Actuator											▲	▲	▲			
2-Point Hinged Door Lock	▲										▲	▲	▲	▲		
Multi-point (4) Hinged Door Lock	▲										▲	▲	▲	▲		
Lever Compression Hinged Door Lock	▲										▲	▲	▲	▲		
Wedgeless Window Fastener / Cam Handle				▲					▲							



# CHOOSE YOUR HARDWARE COLOUR



Choosing a colour for your window and door systems requires careful thought. All Vantage and Elevate windows and doors are made to order so you have complete freedom to choose the perfect finish for your project.



An added advantage is being able to select colour matched hardware for your windows and doors.

**MIRO™** and **ANDO™** hardware can be colour matched to your aluminium joinery. Choose from one of our hardware colours and your hardware will match your joinery, giving you a stylish finish for your project.

**ICON™** and some **ANDO™** hardware is available in 316-grade stainless steel. This is the ideal, upmarket finish for your project. Stainless steel hardware has superior weathering performance and provides an excellent solution where it is not possible to achieve a colour matched hardware and joinery combination.

Stainless steel hardware looks fabulous on anodised joinery for a sleek architectural finish.



When using an AWS Colour Card you will notice a small key symbol beside some colour swatches. This symbol denotes the availability of colour matched hardware in the finish.

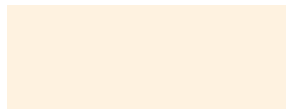
**Silver Medallist**  
Pearl Satin 3005



**Pearl White**  
Gloss 1004



**Dark Grey**  
Matt 2005



**White Birch**  
Gloss 1007



**Charcoal Metallic**  
Gloss 3001



**Primrose**  
Gloss 1005



**Hammersley Brown**  
Satin 2008



**Stone Beige**  
Matt 1006



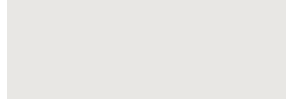
**Magnolia**  
Gloss 2012



**APO Grey**  
Satin 1001



**Paperbark®**  
COLORBOND®  
Matt 2016



**Surfmist®**  
COLORBOND®  
Matt 2022



**Dune®**  
COLORBOND®  
Matt 2007



**Woodland Grey®**  
COLORBOND®  
Matt 1008



**Pottery**  
Satin 2017



**Custom Black**  
Matt 1002

**Doeskin**  
Satin 2006



**Citi®**  
Pearl Matt 3002



ANDO™ and MIRO™ hardware can be supplied colour matched to your powdercoat finished aluminium joinery.

Colour matched finishes are displayed on this page.

**IMPORTANT NOTE:** finishes shown on this page are a guide only and are not accurate representations of the actual powder coat or anodised finish. Please refer to the AWS Colour Card, or request powder coat swatches from your fabricator for colour matching.

A close-up photograph of a modern door handle and lock mechanism. The handle is a long, vertical, brushed metal bar with a rectangular cutout in the center. Below the handle is a matching metal lock cylinder with a keyhole. The door is made of glass, and the background is slightly blurred, showing some greenery.

# ONE KEY SOLUTION

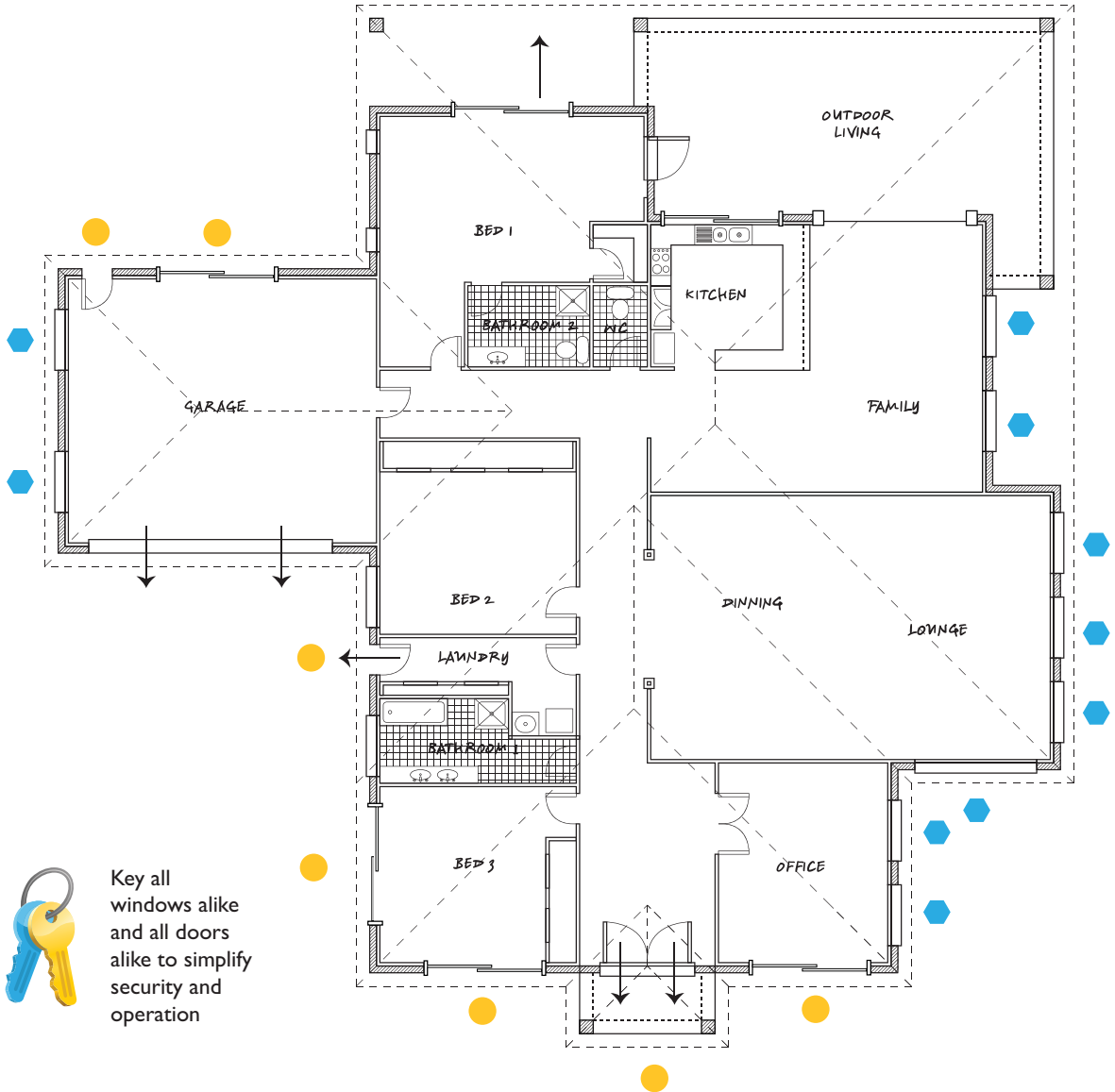
Project security can be complex - reducing the number of key combinations for a project can simplify this and improve operability for end users.

The AWS range of window and door hardware is designed to ease the complexity of home security. A range of keying options are available.

Depending upon the products and hardware specified, it is possible to achieve a single key solution for your project.

In almost all instances, AWS window locks can be keyed alike, as can AWS door locks. This means one key to operate all windows within your project and one key to operate all doors. This simplified approach brings security and peace of mind to end users.

Photo Courtesy of Windows By Design.  
This is a non standard hardware combination, please consult your fabricator for more information.



Key all windows alike and all doors alike to simplify security and operation



# HARDWARE CARE & MAINTENANCE

## **CARING FOR STAINLESS STEEL HARDWARE**

Stainless steel is generally low in maintenance, although some is required to maximise corrosion resistance and removal of surface contamination. Proper care and maintenance will ensure your ICON™ or ANDO™ stainless steel hardware achieves maximum corrosion resistance and maintains its lustre and appearance indefinitely.

One of the advantages of stainless steel hardware is that any “tea staining” or discolouration can be easily removed and generally the product will return to its ‘new’ state with appropriate cleaning.

- Most discolouration can be removed with a mildly abrasive cleaner (Ajax, Jif, Brasso, etc.)
- Heavier corrosion can be removed using a Scotch-Brite™ pad or stainless steel scourer
- Do not use steel wool this may leave residues of steel which will rust, causing surface discolouration
- After cleaning, the product should be rinsed free of all cleaning product residue with clean water. Stainless steel may develop discolouration brought about by environmental and installation conditions. Environments with exposure to the following substances should be avoided:
  - Chlorine based (bleach) products and cleaners
  - Hydrochloric acid (commonly used for tile and concrete cleaning)
  - Cement dust
  - Soap concentrates
  - Water with high iron content (generally bore water)

*NOTE: Stainless steel is a living metal, so light surface discolouration is likely to occur in the first few weeks after installation as the metal stabilises with the environment. Do not be alarmed, this is quite normal but does require cleaning immediately to prevent permanent damage.*

## **CARING FOR POWDER COAT FINISHED HARDWARE**

Hardware that is supplied with a powder coat finish and should be cleaned on a regular basis.

Atmospheric deposits, especially in coastal areas, can cause damage to the coating surface and should be cleaned every three months. In severe marine environments cleaning should ideally take place monthly, especially for exterior-mounted hardware such as door handles.

Cleaning should be undertaken with a dilute solution of a mild detergent in warm water. A soft brush or rag should be used. There should be no use of abrasive aids.

After cleaning, the coating should be wiped down with fresh water.



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