



Leading Window & Door Systems

Wintec Aluminium



Since our beginning in 1997, we have developed a range of window and door products that are innovative, functional and stylish.

Wintec Aluminium windows and doors are an all Australian designed and manufactured product, with modern designs and quality finish at the forefront of the Wintec philosophy.

An ongoing commitment to product development and service to our Australia wide fabricator base ensures that no matter where you are, you have access to the latest designs in the Window and Door industry.

“Australia’s Leading Window and Door Systems”

Products and Services

Aluminium Windows & Doors

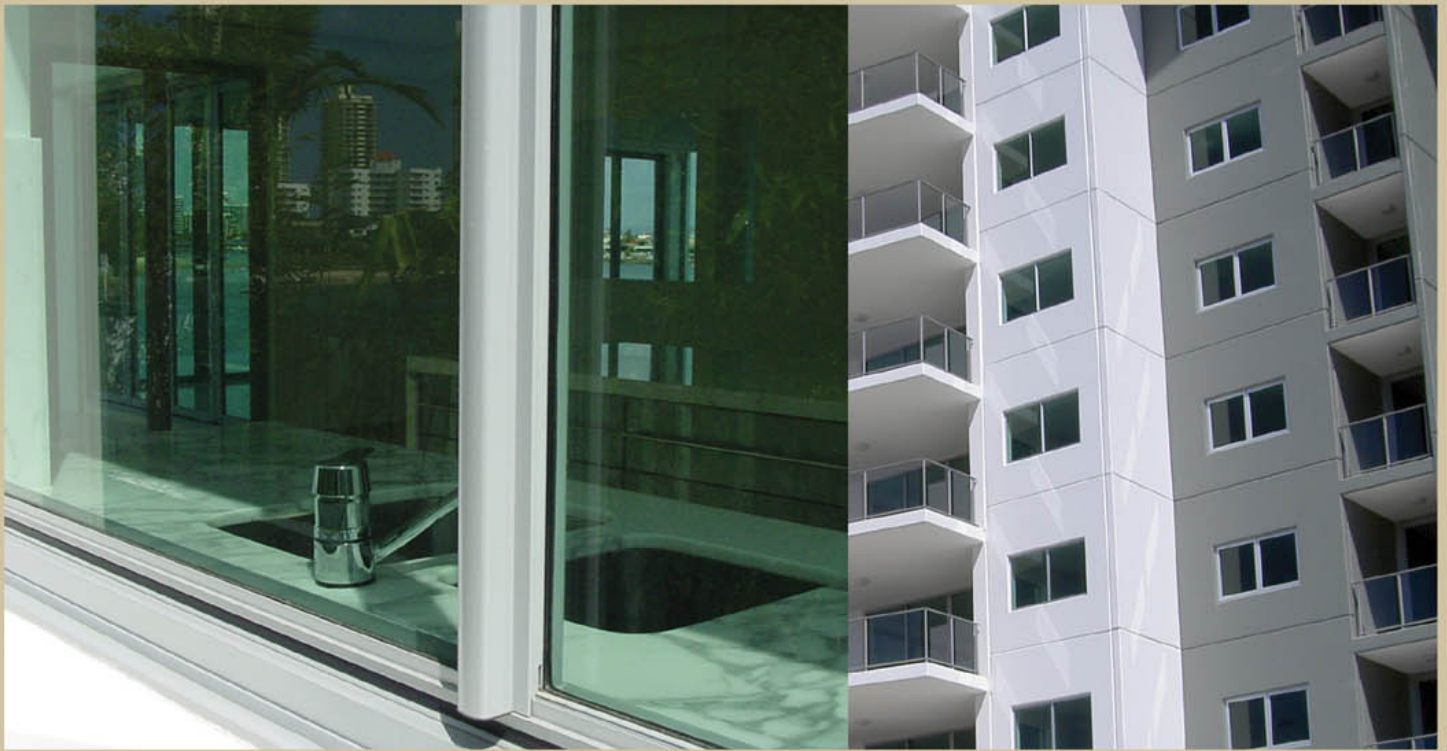
Wintec have products to suit all areas in Australia – consisting of, Sliding windows, Sliding doors, Awning and Casement windows, Double Hung windows, Louvres, Sliding Multi Track doors, French doors and Bi-folding doors .

Window & Door Testing Laboratory

The Wintec designed products are tested to Australian standard AS2047-1999 in NATA accredited laboratory No 14093. This ensures your windows and doors comply with the building code of Australia [BCA] and are suited to your particular location. In line with the BCA requirements Wintec windows and doors carry a 7 year guarantee.



Sliding Window



Frame Widths .

Wintec Sliding Windows are available in 48, 65, 75 & 100mm frame widths; in finned, finless and face fix configurations. These systems can also be double glazed (18mm pocket) with adapters. Interchangeable sashes fit all 3 frame widths.

Structural .

Hollow sections give added strength and security. Heavy duty double rollers are standard on all Wintec Sliding Windows, which last longer and operate smoother than conventional types. Rounded hollow stiles add to the strength & will not catch on window coverings. The sash sits completely inside the frame which resists rolling of the top and bottom sash rail under high wind loads, with increased daylight opening.

Weather .

All Wintec Sliding Windows achieve a minimum water penetration resistance pressure of 250Pa. Varying the sill type will achieve ratings up to 600Pa. All wind load categories are catered for Australia wide. Wintec's hollow sill design helps achieve maximum weatherability.

Maintenance .

With an easy clean sill design, window cleaning is safer with rounded edges.

Aesthetics .

No unfinished or exposed edges. No internal projection of transom and sash sections. Sash rails top & bottom are concealed within the sill and frame. Genuine Wintec handles are ergonomically designed for ease of use for the elderly and disabled. The handles operate in the direction of the sash movement and are available in 4 colours.

Options .

Multi-position vent locking available, Standard or barrel key locking available, Insect / Security screens.



Sliding Window System

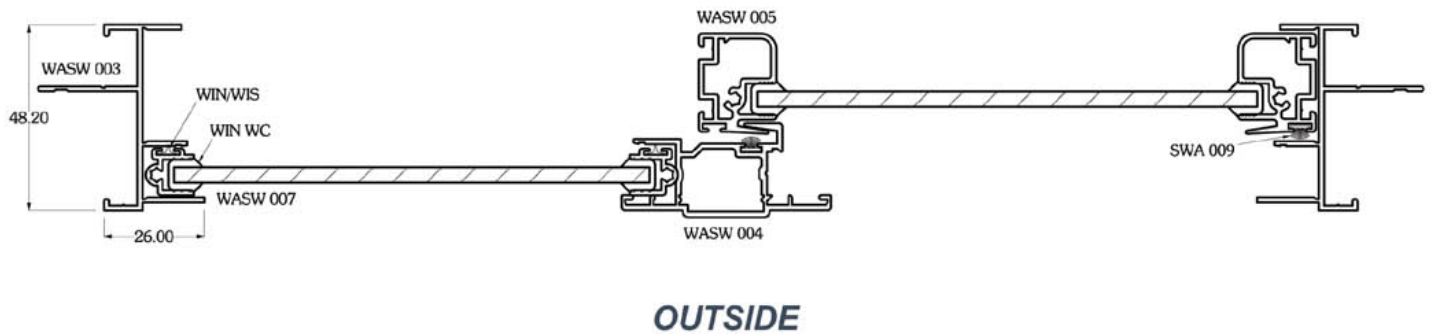
- Glazing thickness to 8.38mm as standard. Thicker glass and double glazing available.
- The flush rails to sill design gives increased strength and clear sight lines
- Non corrosive double wheel rollers
- Flat sill for ease of cleaning



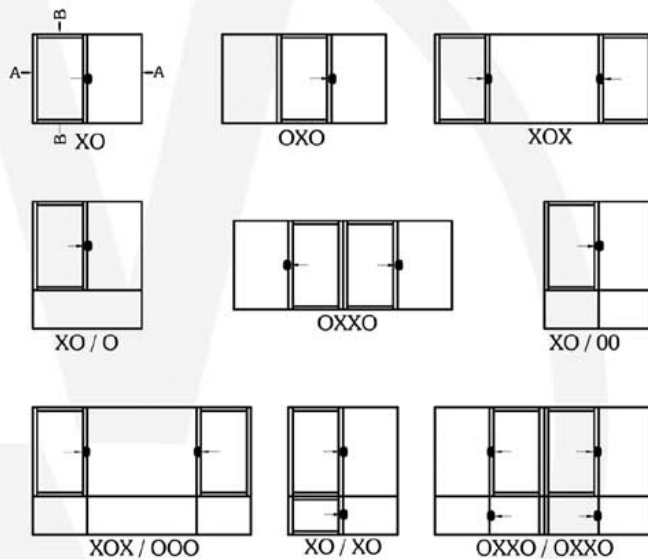
SLIDING WINDOW

A - A

Technical Configurations - Scale 1:2



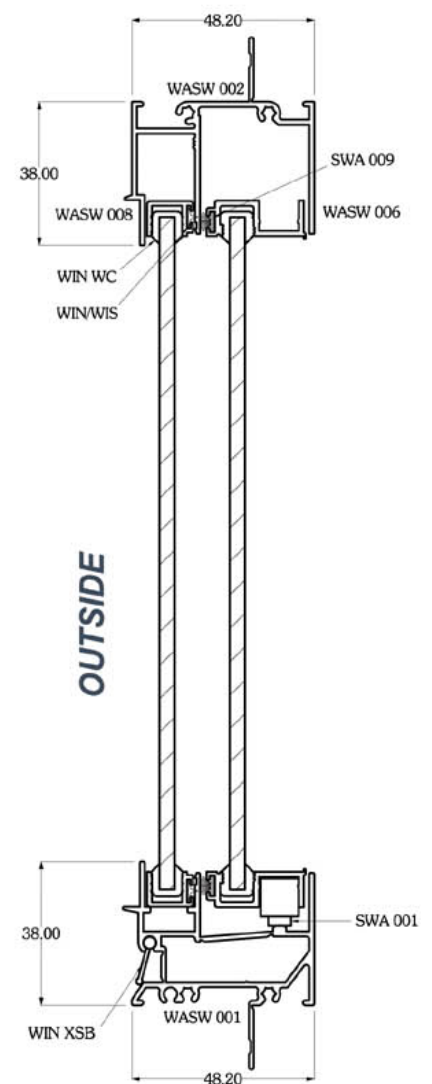
Typical 48mm Window - VIEW FROM OUTSIDE



Contact your local Wintec Fabricator
for other configuration options.

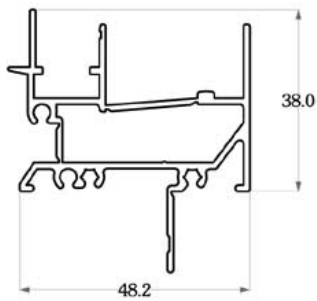
X - Sliding
O - Fixed

B - B

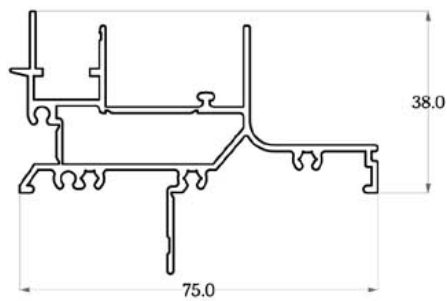


CROSS SECTION

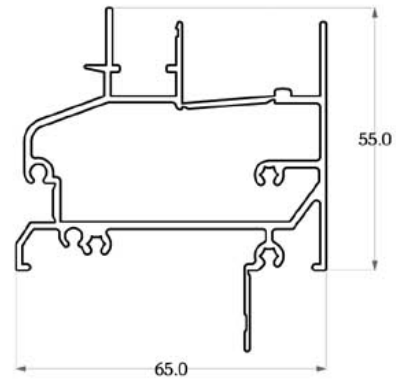
Window Sills



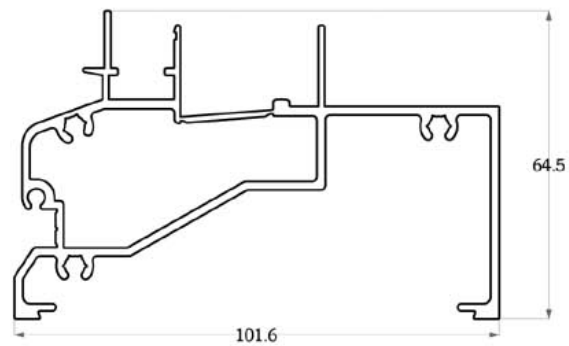
48mm HOLLOW SILL



75mm HOLLOW SILL



65mm HOLLOW SILL



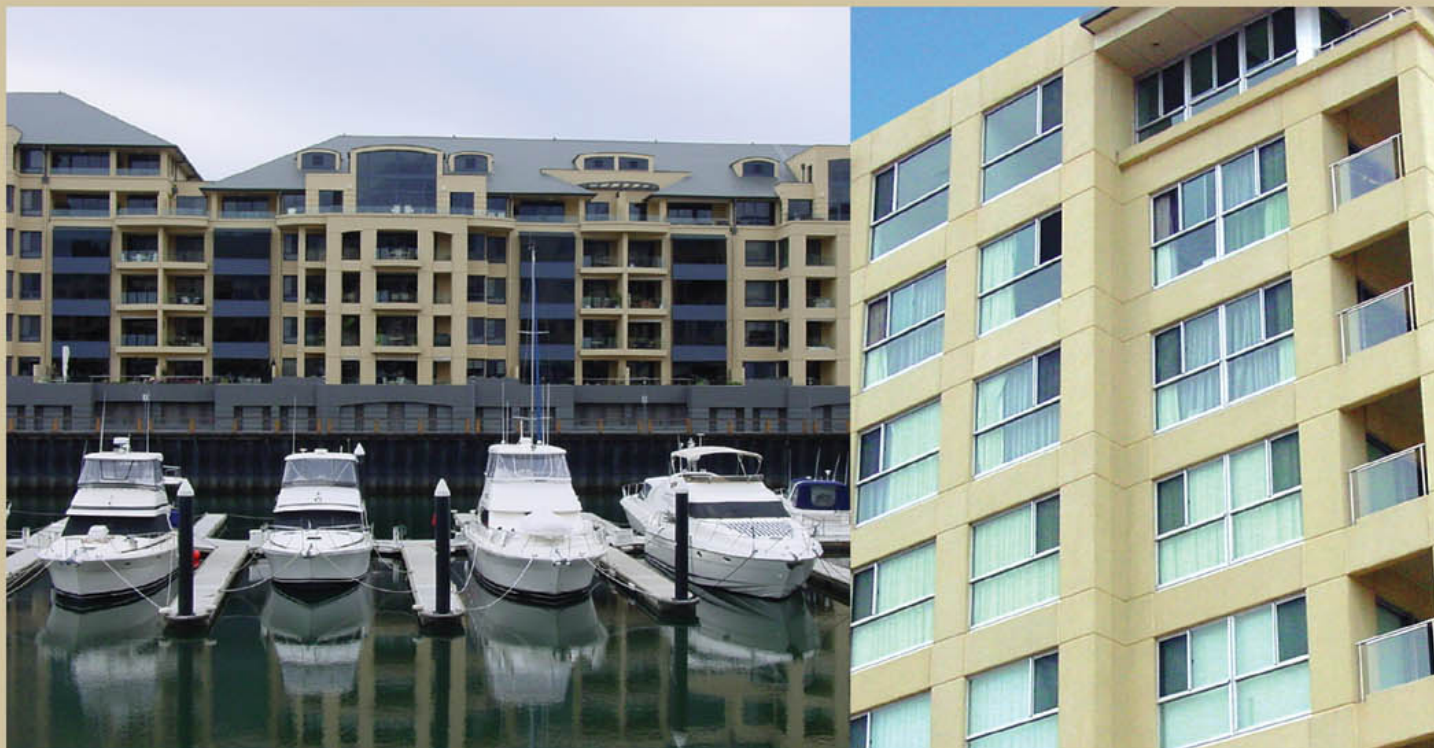
100mm HOLLOW SILL

Maximum Sizes Table

<div> <div>1600</div> <div>2400</div> <div>2500</div> <div>1600</div> <div>900</div> </div>				

***Note:** For products or configurations outside of these sizes, or pressures exceeding 1000Pa please contact your nearest Wintec Fabricator

Double Glazed Sliding Window



Frame Widths .

The Wintec Double Glazed Sliding Window has a frame width of 65mm and can accommodate 18mm glazing.

Structural .

Hollow sections give added strength and security. Heavy duty rollers are standard on all Wintec Double Glazed Sliding Windows, they last longer & operate smoother than conventional types. Rounded stiles add to the strength and will not catch on window coverings.

Weather .

The Wintec Double Glazed Sliding Window achieves a water penetration resistance pressure of 330Pa.

Maintenance .

With an easy clean sill design (wide and low), window cleaning is safer with rounded edges.

Aesthetics .

No unfinished or exposed edges. No internal projection of transom and sash sections. Genuine Wintec handles are ergonomically designed for ease of use for the elderly and disabled. The handles operate in the direction of the sash movement and are available in a range of colours.

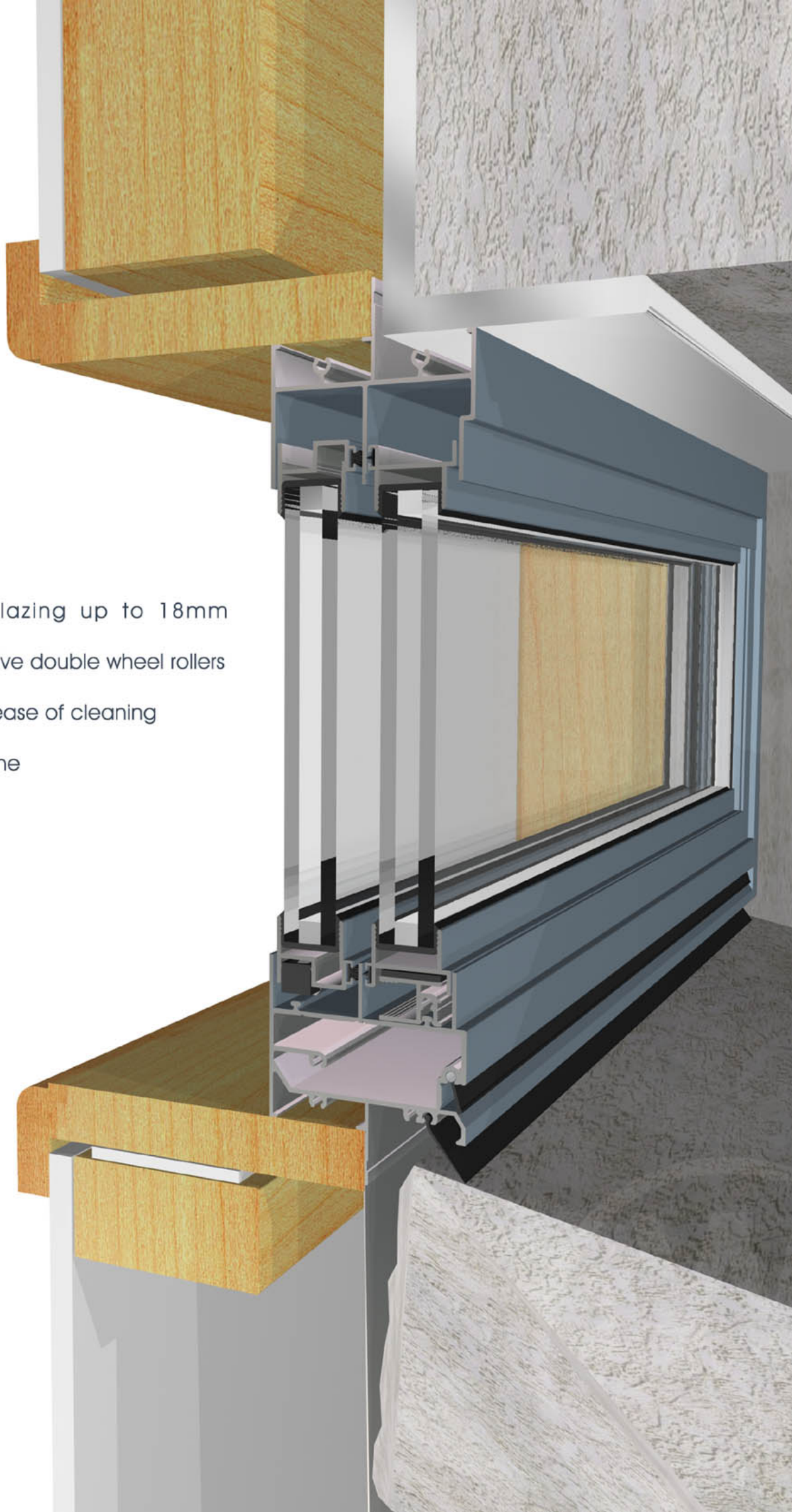
Options .

Multi-position vent locking available, Standard or barrel key locking available, Insect / Security screens.



Double Glazed Window

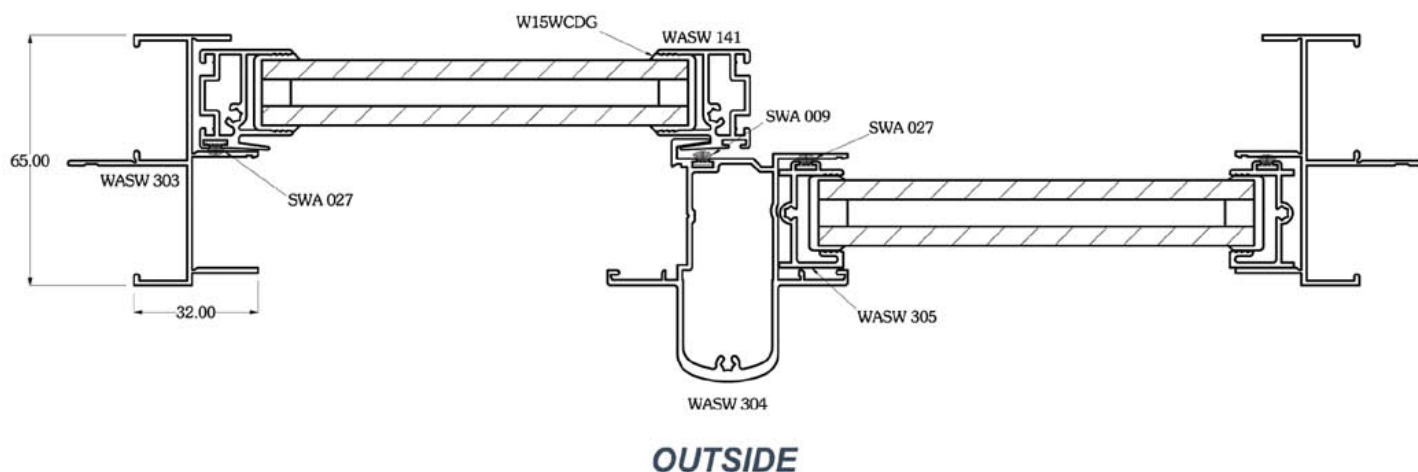
- Double glazing up to 18mm
- Non corrosive double wheel rollers
- Flat sill for ease of cleaning
- 65mm frame



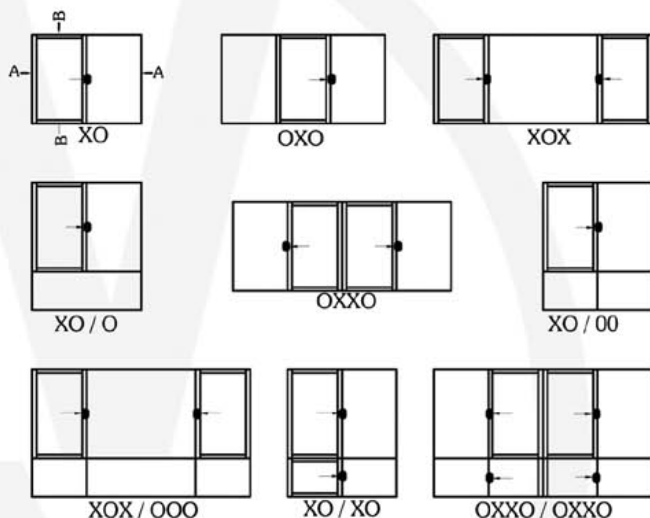
Double Glazed Sliding Window

A - A

Technical Configurations - Scale 1:2



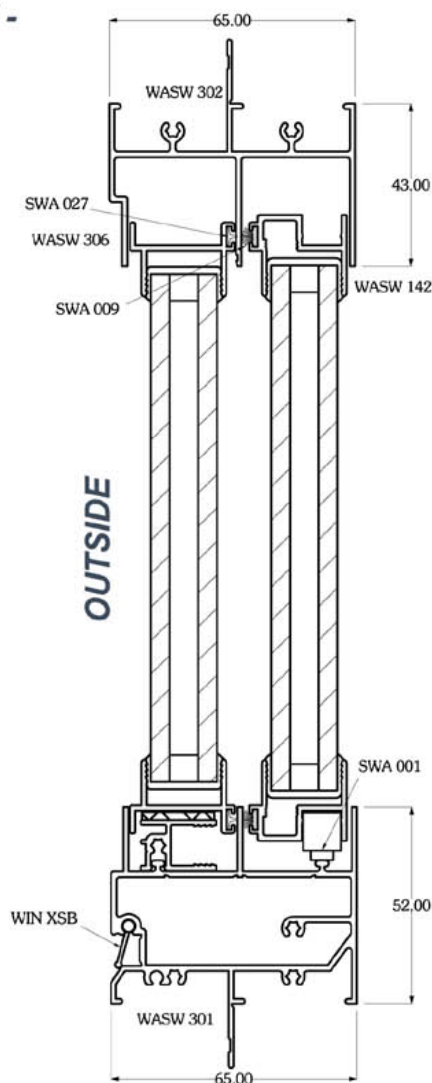
Typical 300 Series Double Glazed Sliding Window - VIEW FROM OUTSIDE



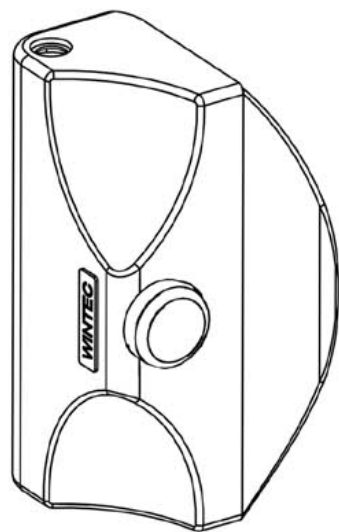
Contact your local Wintec Fabricator for other configuration options.

X - Sliding
O - Fixed

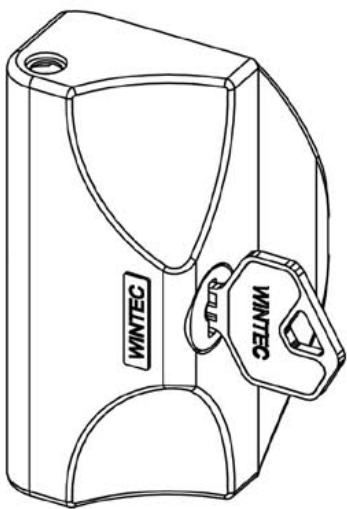
B - B



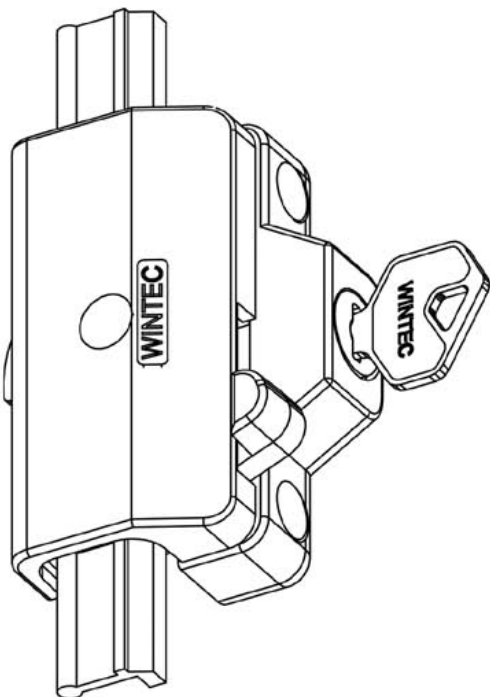
Window Handles



Standard



Locking



Multi Locking

Maximum Sizes Table

<div> <div>2400</div> <div>1600</div> </div>	<div> <div>3600</div> </div>	<div> <div>3600</div> </div>	<div> <div>4800</div> </div>
<div> <div>2400</div> <div>2500</div> <div>1600</div> <div>900</div> </div>	<div> <div>3600</div> </div>	<div> <div>3600</div> </div>	<div> <div>4800</div> </div>
<div> <div>2400</div> <div>2500</div> <div>1600</div> <div>900</div> </div>	<div> <div>3600</div> </div>	<div> <div>3600</div> </div>	<div> <div>4800</div> </div>

***Note:** For products or configurations outside of these sizes, or pressures exceeding 1000Pa please contact your nearest Wintec Fabricator

Double Hung Window



Structural .

Hollow sections including Mullions and Stiles give added strength and security. 1200 Pascal rating. The Double Hung Window system has a frame size of 61.5mm in width with a flyscreen chanell. With out this chanell the frame size is 48mm in width.

Weather .

The Wintec Double-Hung Window will achieve a maximum water penetration resistance pressure of 200 Pascals with a hollow sill section.

Aesthetics & Benefits .

There are 2 sash types available for this system, the Standard and Federation wide stile.

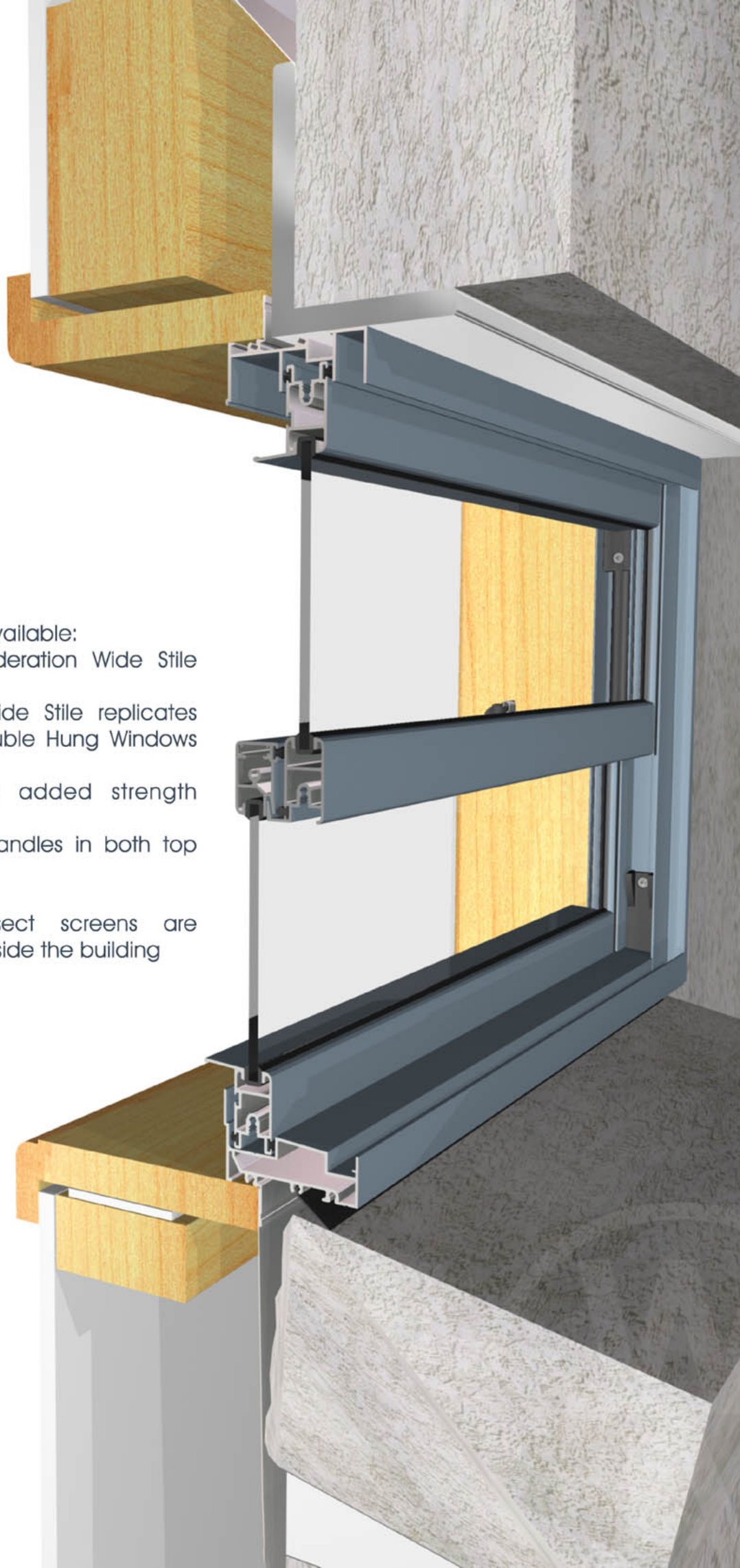
The Standard incorporates: Hollow rails for added strength, stiles are flush to the jambs offering clear sight lines, built in extruded handles in both top and bottom sash's and removable security and insect screens from inside the building.

The Federation wide stile incorporates: Removable security and insect screens from inside the building, Wide sash stiles replicate that of timber double hung windows, dual colour combinations are available (i.e. sash different to the frame) as well as decorative horns.



Double Hung Window

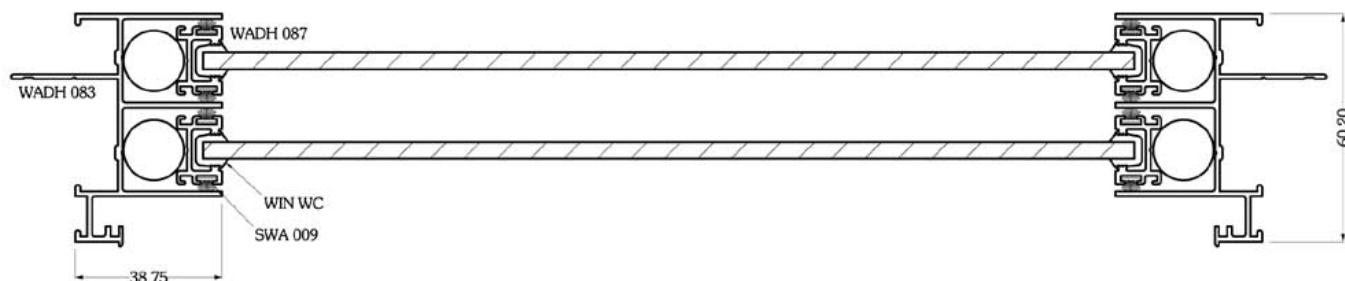
- 2 Sash types are available: Standard and Federation Wide Stile
- The Federation Wide Stile replicates that of timber Double Hung Windows
- Hollow rails give added strength
- Built-in extruded handles in both top and bottom sash's
- Security and insect screens are removable from inside the building



Double Hung Window

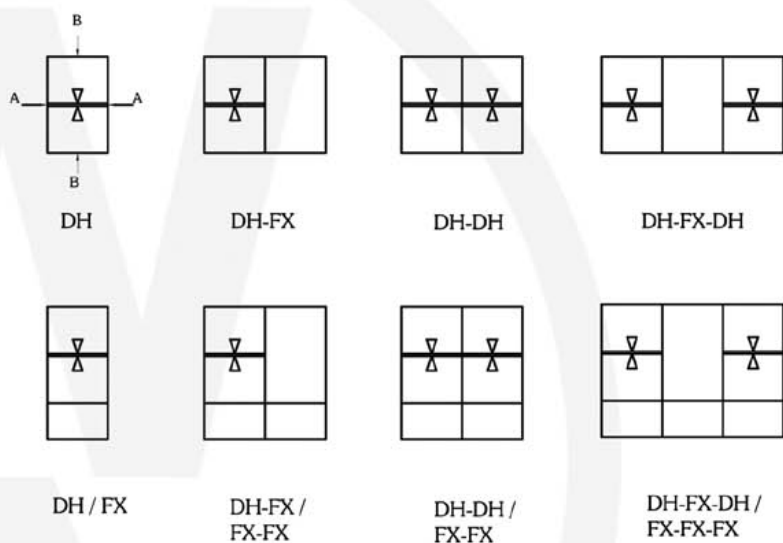
A - A

Technical Configurations - Scale 1:2

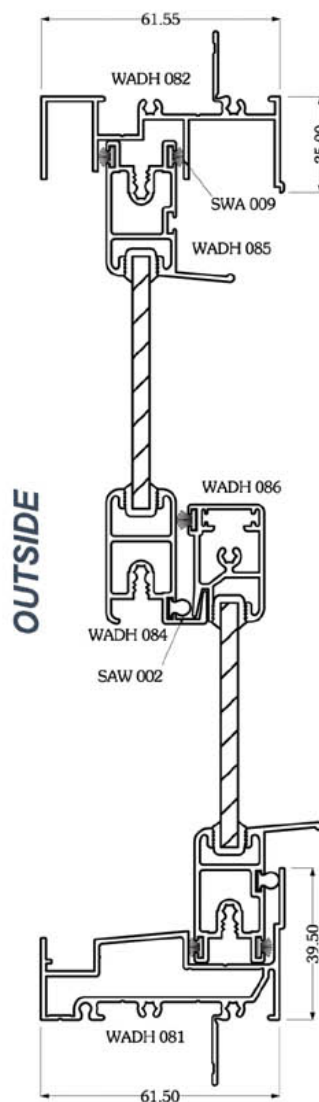


OUTSIDE

Typical Double Hung Window - VIEW FROM OUTSIDE



B - B

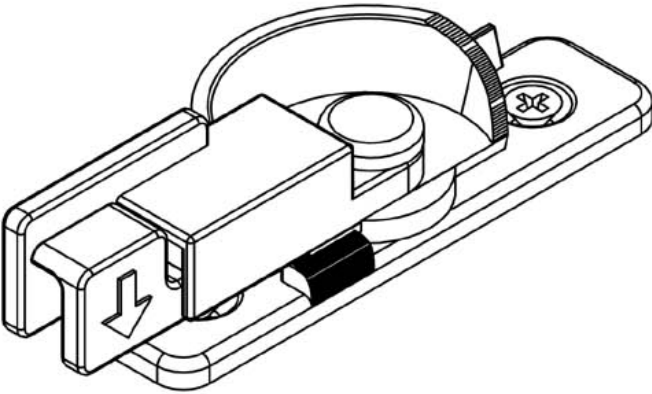


OUTSIDE

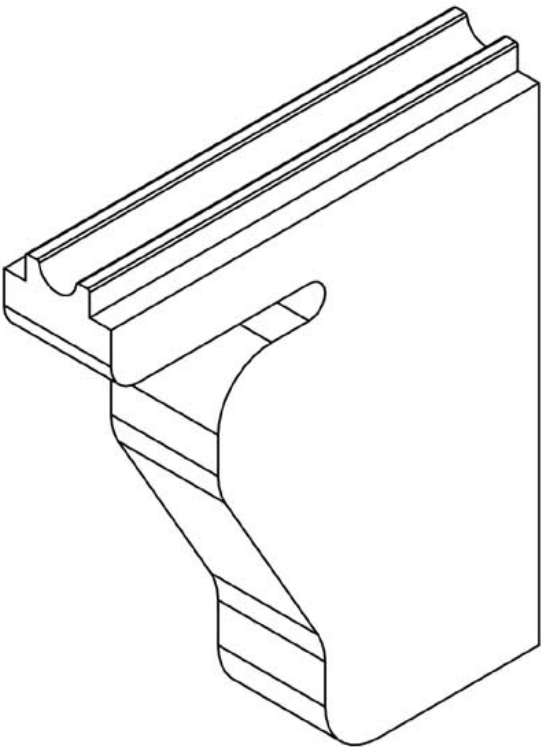
Contact your local Wintec Fabricator for other configuration options.

DH - Double Hung
FX - Fixed

Window Hardware



Sash / Lock Keeper



Federation Sash Horn

Maximum Sizes Table

900	3600	2700	3600	4500	5400
2400					

900	1800	2700	3600	4500	5400
2400					

***Note:** For products or configurations outside of these sizes, or pressures exceeding 1000Pa please contact your nearest Wintec Fabricator

Awning & Casement Window



Structural .

The Awning Window is a top hung system. The Casement Window is a side hung system. The frame width of this system is 48.2mm. Hollow sections including Mullions & Stiles give added strength and security. This system has a 1000 Pascal structural rating on a 1500mm high x 1200mm wide Awning.

Weather .

The Wintec Awning Windows will achieve a minimum water penetration resistance pressure of 300 Pascals.

Maintenance .

With an easy clean sill design, window cleaning is safer with rounded edges.

Aesthetics .

This system has no unfinished or exposed edges. All rails and stiles are rounded.

Additional Benefits .

The Wintec Awning Window can accommodate Friction Stays or a Top Hung system and chain winder. Multiple bays can be added using a standard mullion.

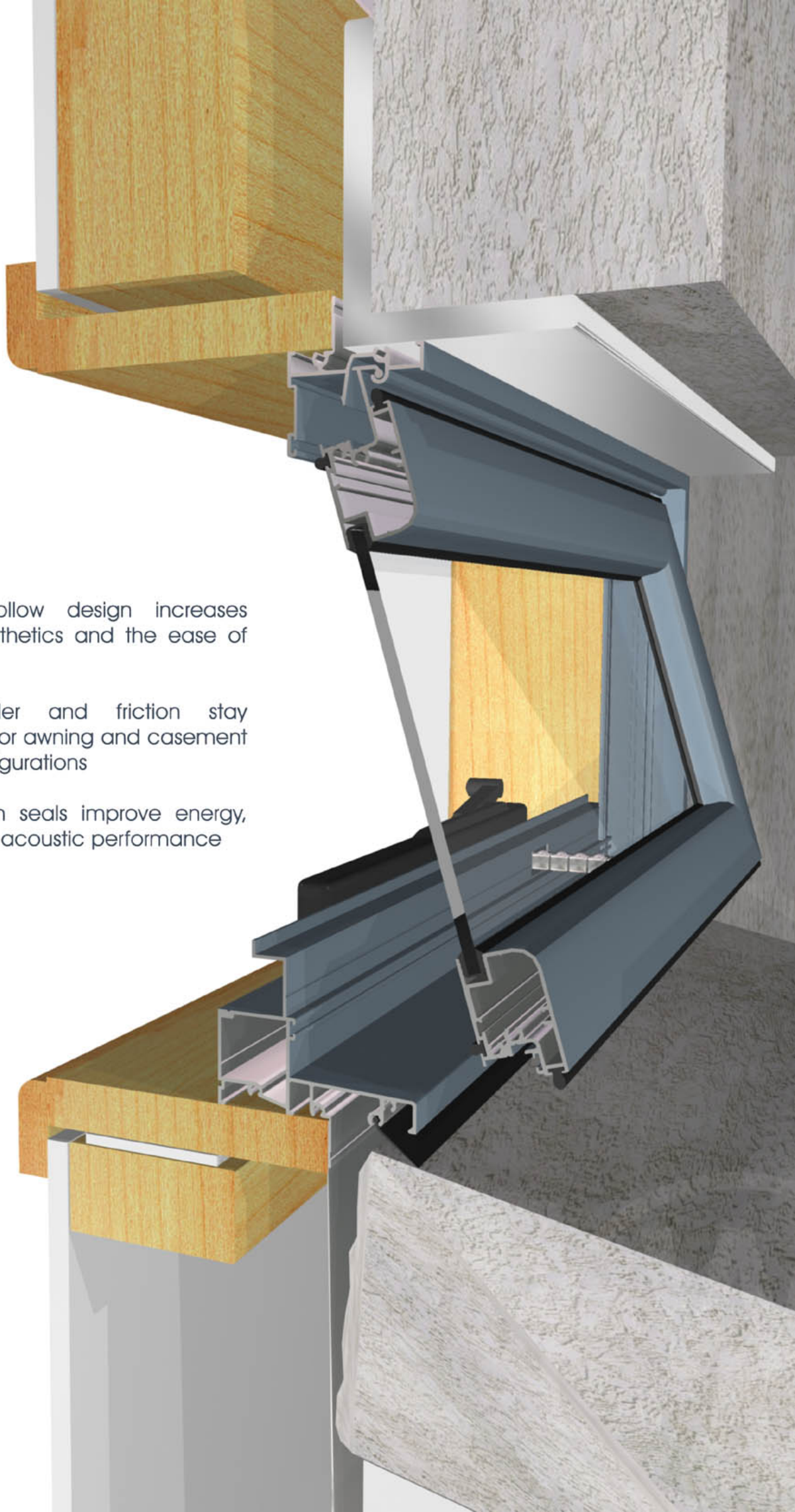
Options .

Insect / Security screens available as well as Double Glazing up to an 18mm pocket.



Awning Window System

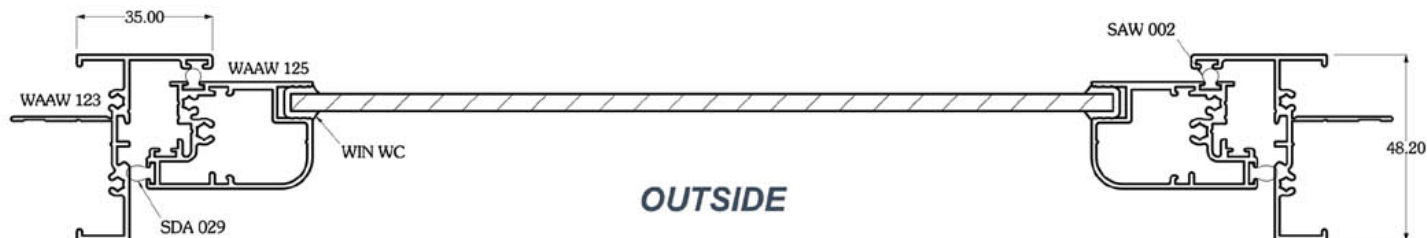
- Rounded hollow design increases strength, aesthetics and the ease of cleaning
- Chain winder and friction stay compatible for awning and casement window configurations
- Double Q'lon seals improve energy, weather and acoustic performance
- Mitred Sash



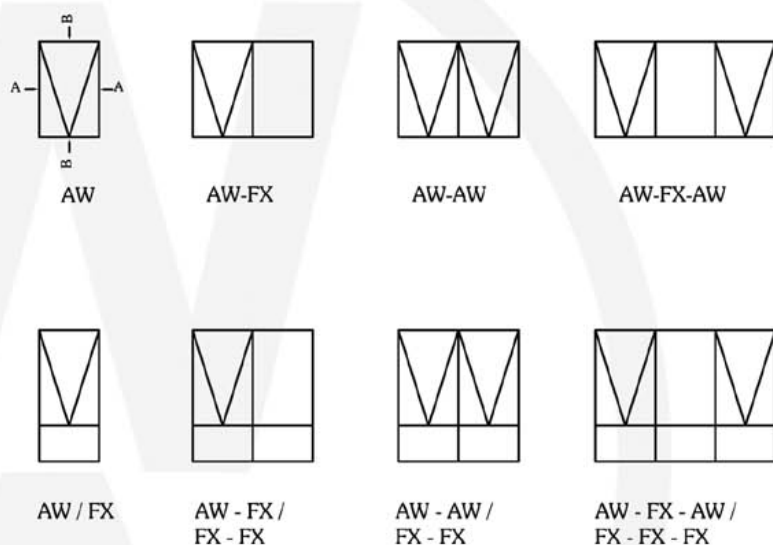
Awning Window

A - A

Technical Configurations - Scale 1:2



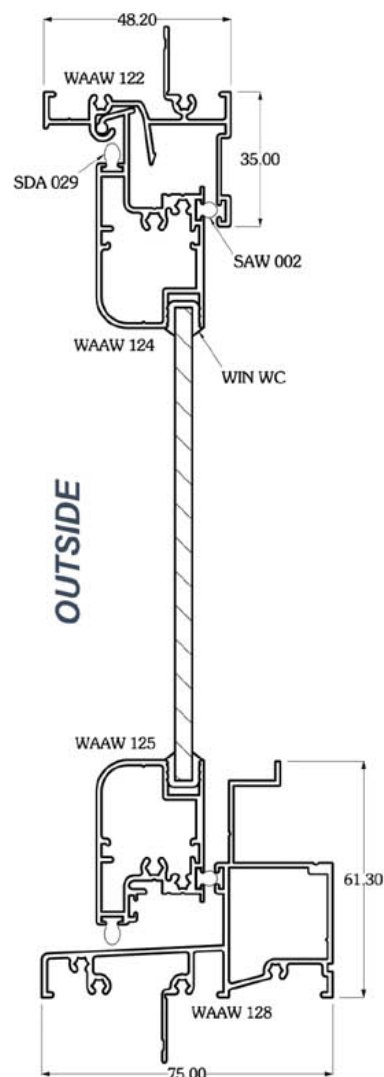
Typical Awning Window - VIEW FROM OUTSIDE



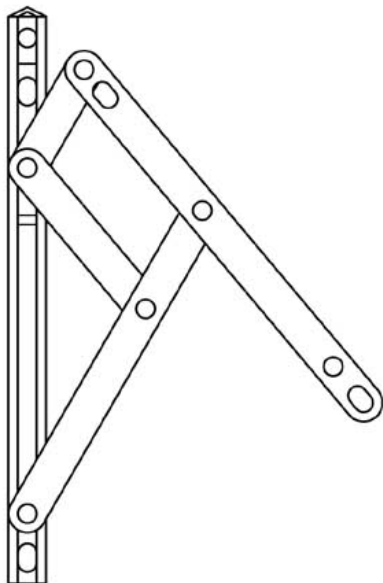
Contact your local Wintec Fabricator for other configuration options.

AW - Awning
FX - Fixed

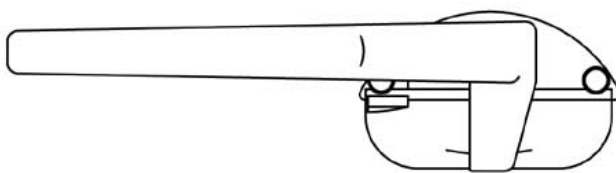
B - B



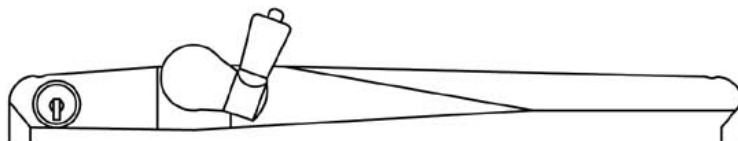
Awning Hardware



Stays



Self-latching Handle



Chain Winder

Maximum Sizes Table

	1200	2400	3600	4800	6000
1600					
2500					
900					
2500					
900					

***Note:** For products or configurations outside of these sizes, or pressures exceeding 1000Pa please contact your nearest Wintec Fabricator

Summit Awning Window



Structural

Hollow extrusions give added strength and stability to enable sash sizes up to 2100mm high x 1500mm wide at 3000 pascals.

Weather

The Wintec Summit awning will achieve a water penetration resistance rating of 600 pascals.



Maintenance

The rounded edges of the extrusions make for safe and easy cleaning.

Aesthetics

The Summit window system has no unfinished or exposed edges. All stiles and rails are rounded. All hardware is curved to match the look of the extrusions.

Additional Benefits

Multi-point locking adds extra security and stability in high wind areas.

Options

The window will accept double glazing up to 24mm thick. Insect and security screens are easily fitted.



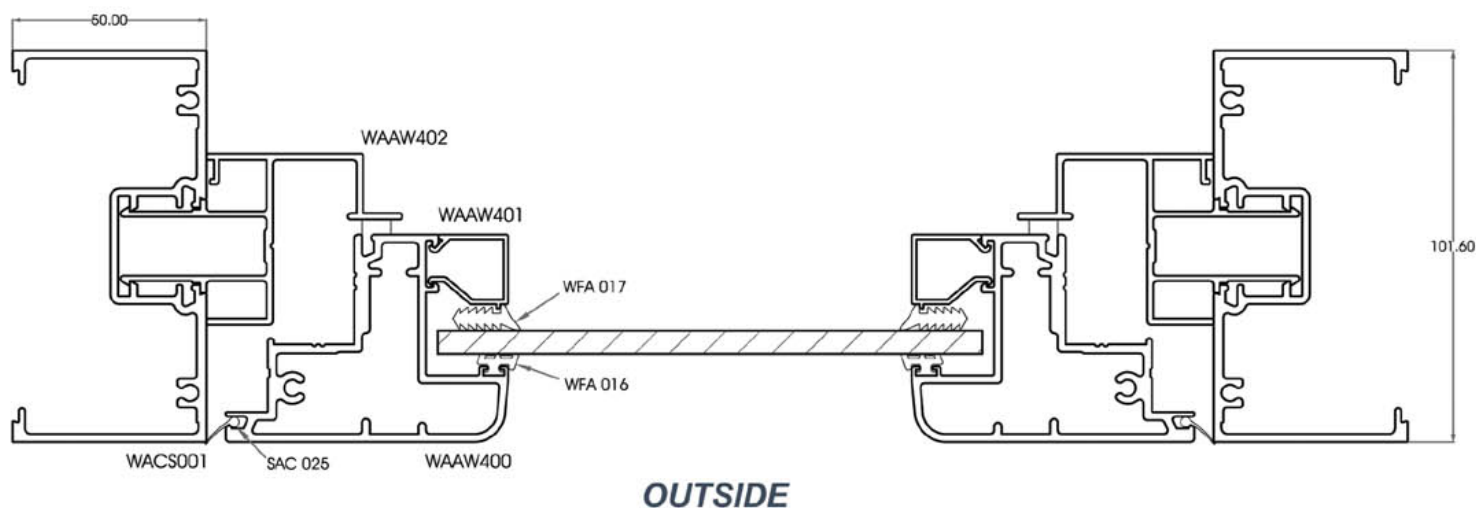
Summit Awning Window System

- Double Glazing up to 24mm thick
- Multi-point locking adds extra security and stability in high wind areas.
- Stiles & Rails are Aesthetically Streamlined as is the hardware to match the extrusions.
- Includes internal tracks for fly/security screens *"No Add Ons"*

Summit Awning Window

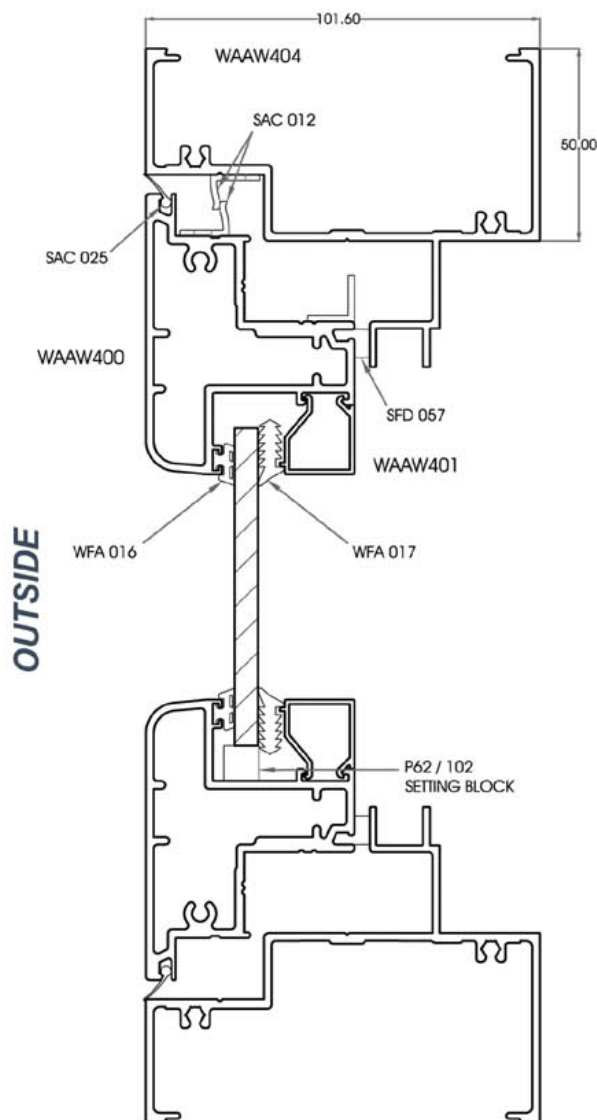
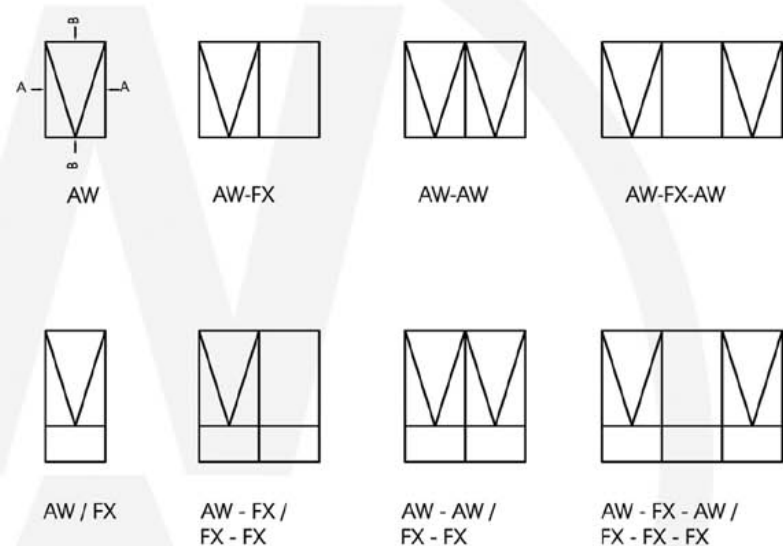
A - A

Technical Configurations - Scale 1:2



B - B

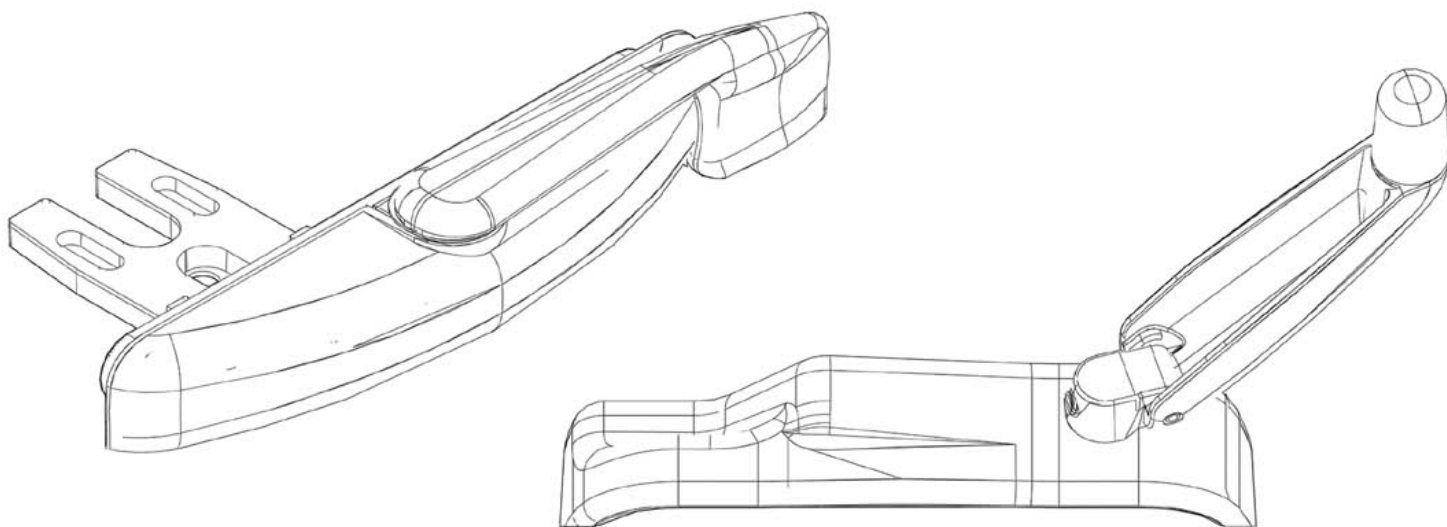
Typical Summit Awning Window - VIEW FROM OUTSIDE



Contact your local Wintec Fabricator for other configuration options.

AW - Awning
FX - Fixed

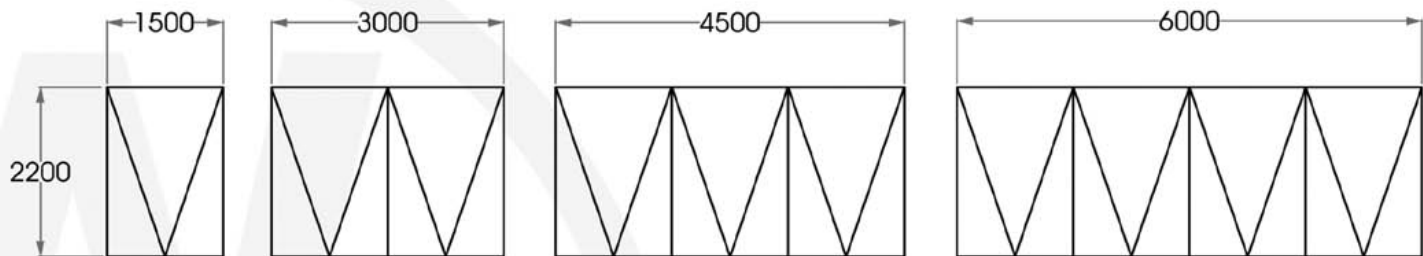
Summit Awning Window Hardware



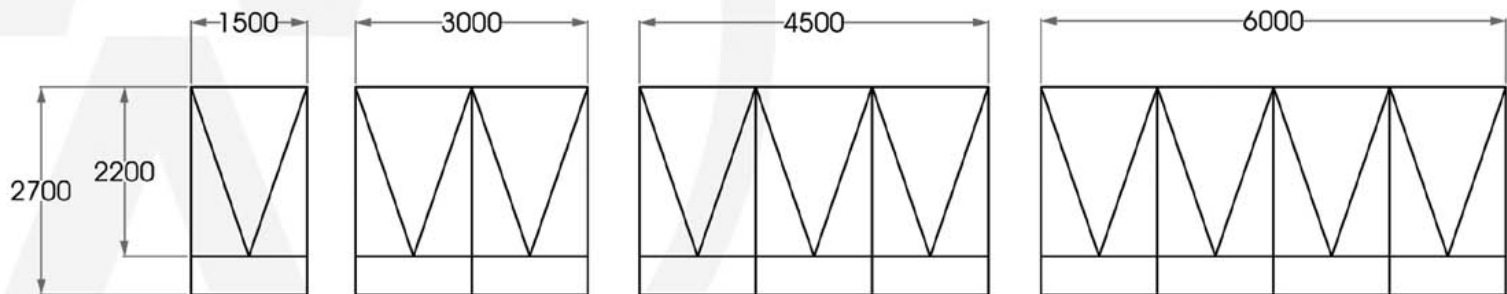
Maximum Sizes Table

Housing Design Limitations

Serviceability Wind Pressure 3000Pa (N6)
Ultimate Strength Wind Pressure 4500Pa (N6)
Water Penetration Resistance Pressure 600Pa (N6)



Serviceability Wind Pressure 1500Pa (N4)
Ultimate Strength Wind Pressure 2300Pa (N4)
Water Penetration Resistance Pressure 600Pa (N6)



***Note:** For products or configurations outside of these sizes, or pressures exceeding the above please contact your nearest Wintec Fabricator

Summit Casement Window



Structural

Hollow extrusions give added strength and stability to enable sash sizes up to 2100mm high x 600mm wide at 3000 pascals.

Weather

The Wintec Summit casement will achieve a water penetration resistance rating of 600 pascals.



Maintenance

The rounded edges of the extrusions make for safe and easy cleaning.

Aesthetics

The Summit window system has no unfinished or exposed edges. All stiles and rails are rounded. All hardware is curved to match the look of the extrusions.

Additional Benefits

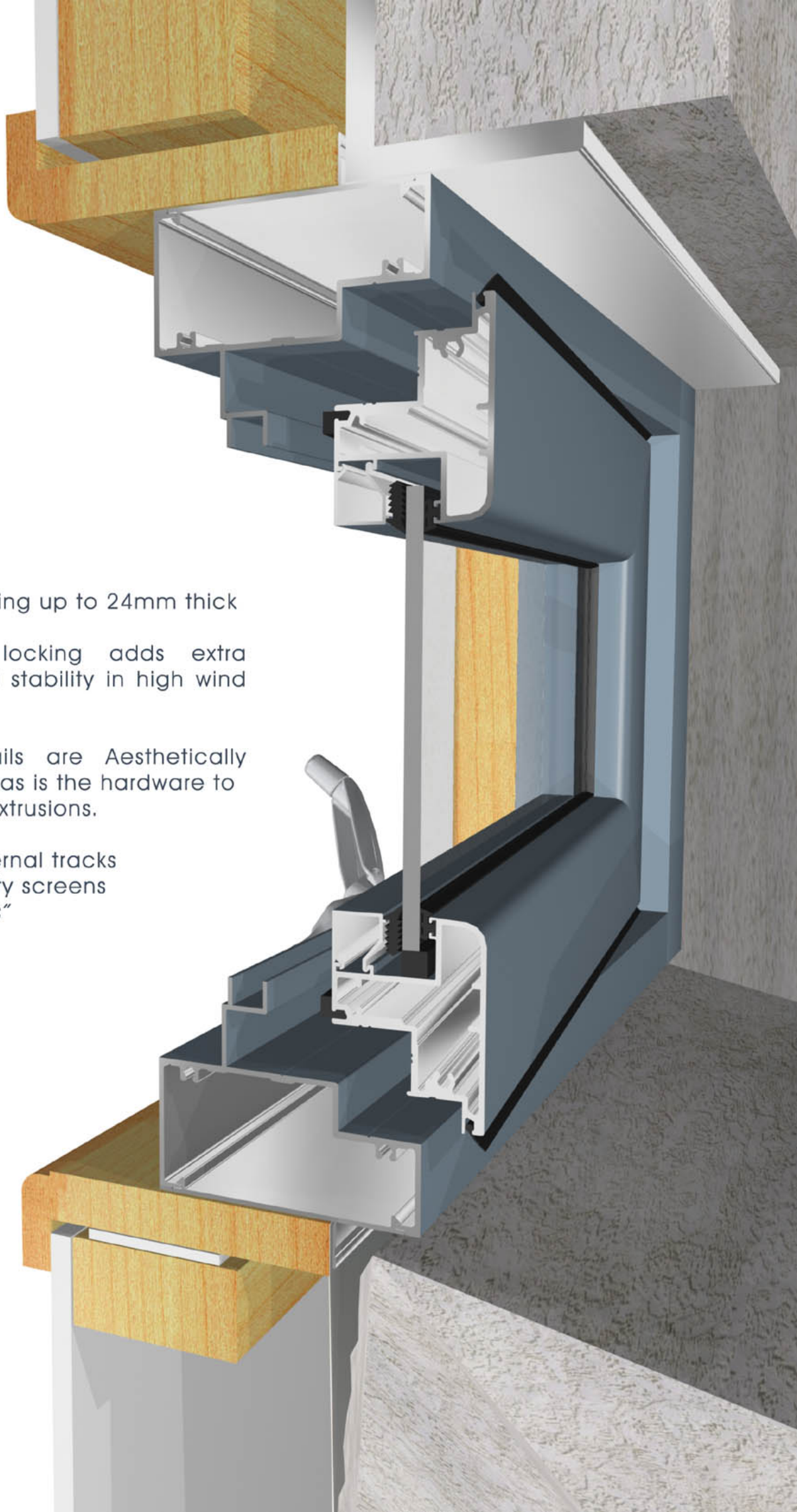
Multi-point locking adds extra security and stability in high wind areas. 90 degree sash opening makes cleaning from the inside easier.

Options

The window will accept double glazing up to 24mm thick. Insect and security screens are easily fitted.

Summit Casement Window System

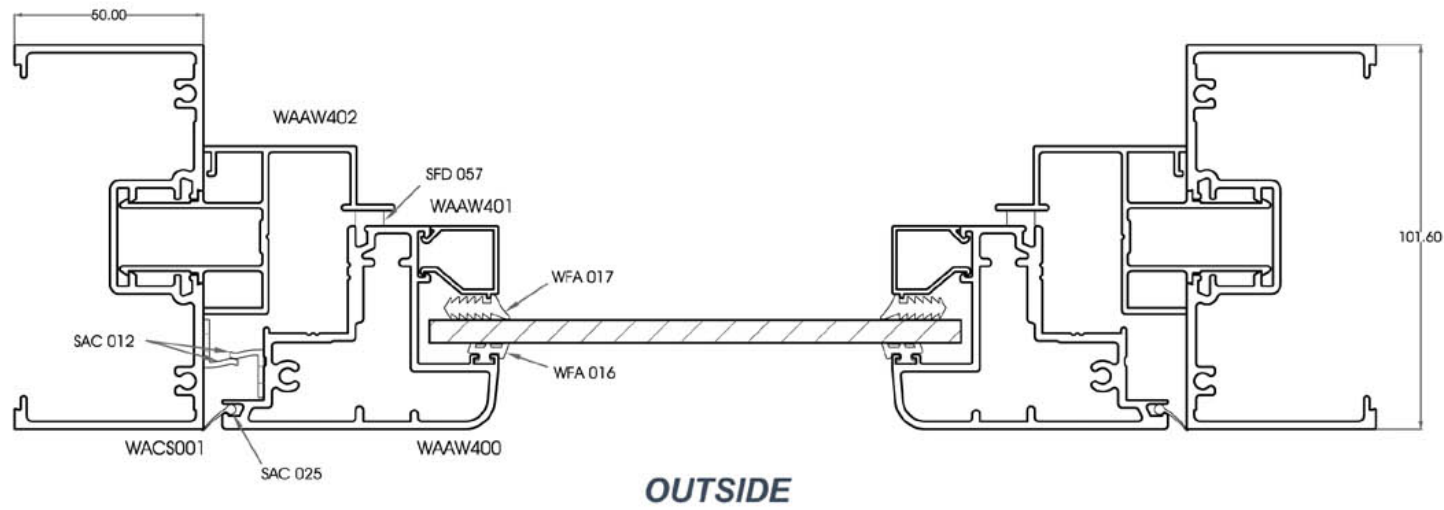
- Double Glazing up to 24mm thick
- Multi-point locking adds extra security and stability in high wind areas.
- Stiles & Rails are Aesthetically Streamlined as is the hardware to match the extrusions.
- Includes internal tracks for fly/security screens *"No Add Ons"*



Summit Casement Window

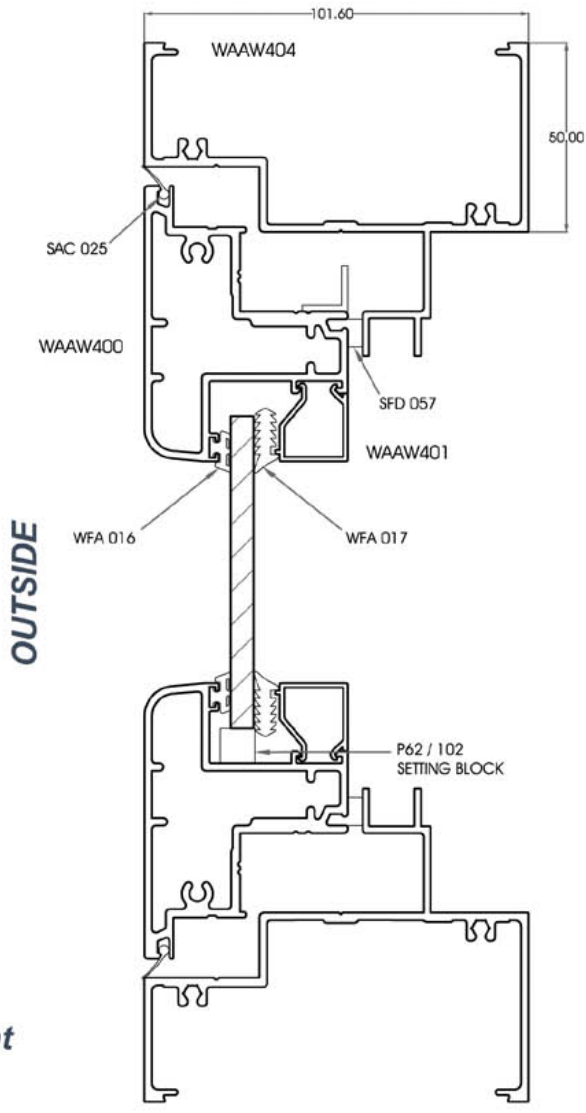
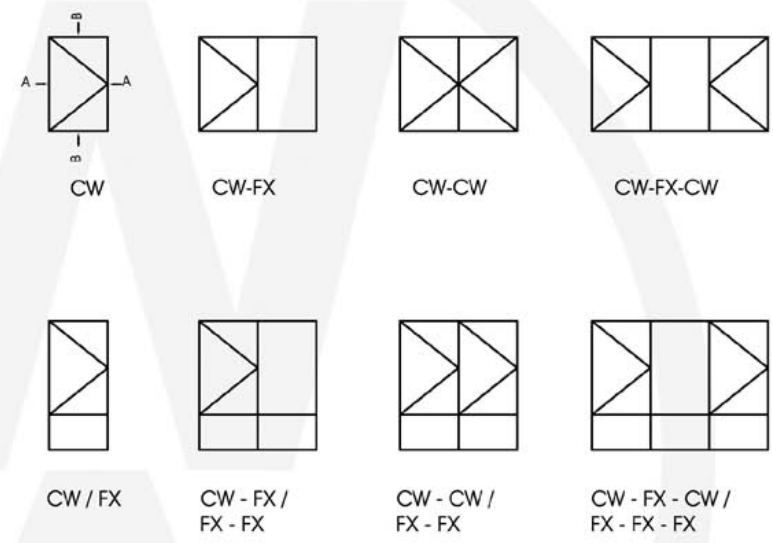
A - A

Technical Configurations - Scale 1:2



B - B

Typical Summit Casement Window - VIEW FROM OUTSIDE



Contact your local Wintec Fabricator for other configuration options.

CW - Casement
FX - Fixed

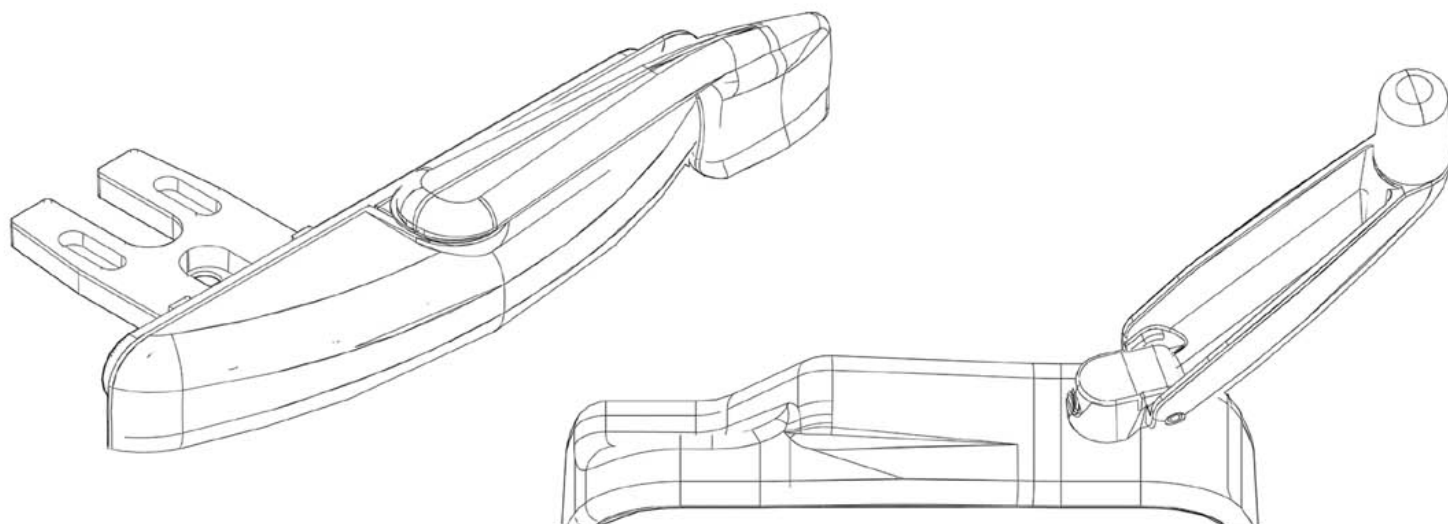


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CROSS SECTION

Leading Window & Door Systems

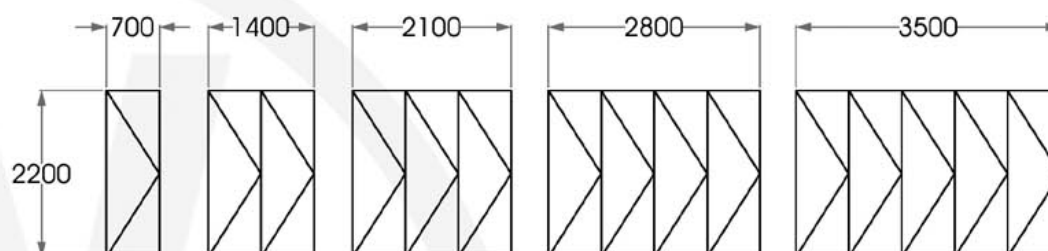
Summit Casement Window Hardware



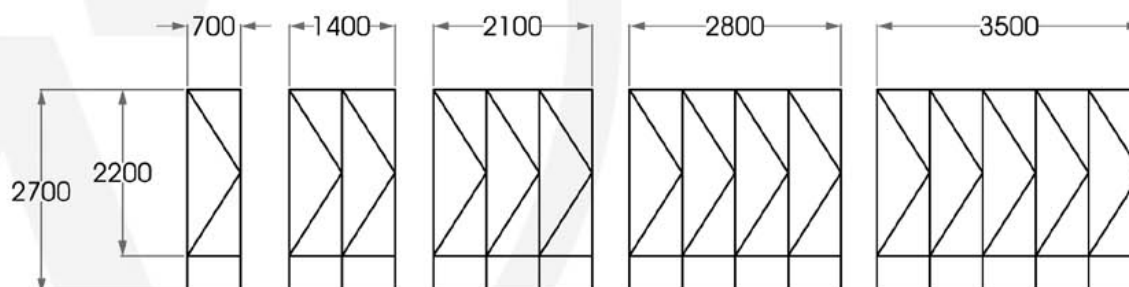
Maximum Sizes Table

Housing Design Limitations

Serviceability Wind Pressure 3000Pa (N6)
 Ultimate Strength Wind Pressure 4500Pa (N6)
 Water Penetration Resistance Pressure 600Pa (N6)



Serviceability Wind Pressure 3000Pa (N6)
 Ultimate Strength Wind Pressure 4500Pa (N6)
 Water Penetration Resistance Pressure 600Pa (N6)



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Louvre Window



Structural .

The Louvre Mullion allows for multiple banks of Louvres within the same perimeter frame. Wintec Louvres can be coupled to all other Wintec products.

Aesthetics .

No unpainted or exposed edges on the inside faces.

Additional Benefits .

An insect and security screen track is built into the frame. The Louvre can be coupled to other Wintec products such as the French Door.



Louvre Window System

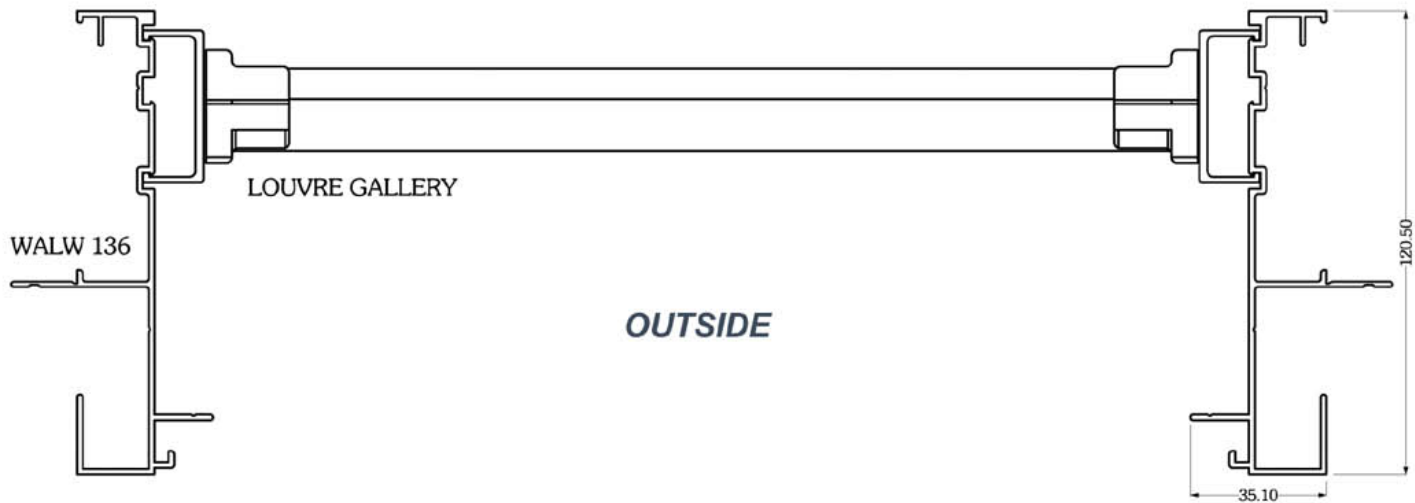
- An insect and security screen track is built into the frame
- Wintec Louvre's can be coupled to all other Wintec products
- The Louvre blades are available in aluminium powder coated finishes. They are also available in various glass and timber types.



Louvre Window

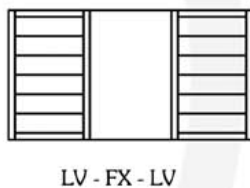
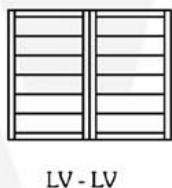
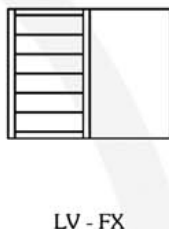
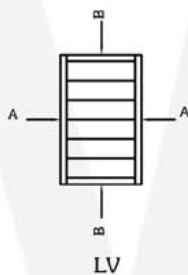
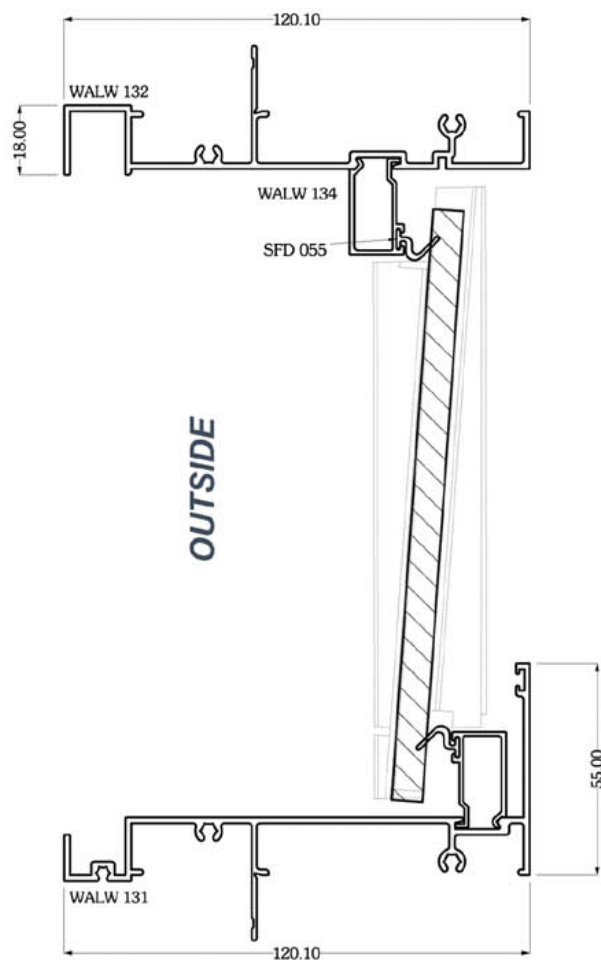
A - A

Technical Configurations - Scale 1:2



B - B

Typical Louvre Window - VIEW FROM OUTSIDE



Contact your local Wintec Fabricator for other configuration options.

LV - Louvre
FX - Fixed

Louvre Handle

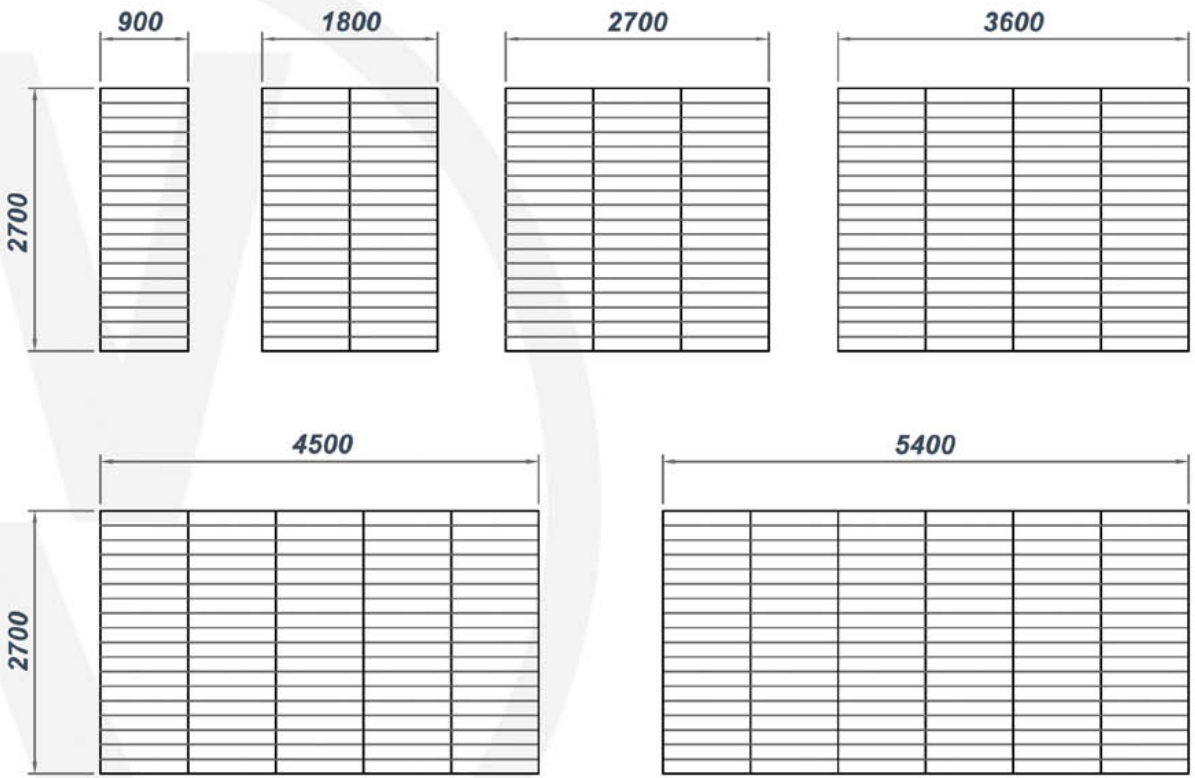


Standard Handle



Louvre Gallery

Maximum Sizes Table



***Note:** For products or configurations outside of these sizes, or pressures exceeding 1000Pa please contact your nearest Wintec Fabricator

Sliding Door



Sill Types .

300 Pascal rated sill (Water Penetration Resistance Pressure), 450 Pascal rated sill (Water Penetration Resistance Pressure), 600 Pascal Sub Sill combination rated sill (Water Penetration Resistance Pressure), Low profile 150 Pascal rated sill (Water Penetration Resistance Pressure) and non-rated Wheelchair sill (1:8 maximum gradient that complies with AS1428)

Mullion & Interlocks .

Available in Standard duty = 1000 Pascal serviceability, Heavy duty = 2200 Pascal serviceability and Region D = Cyclonic Rating.

Structural .

Hollow sections including Mullions and Stiles give added strength and security. Large doors are fitted with heavy duty double rollers. A commercial lock stile is available for architectural hardware applications

Aesthetics .

No unfinished or exposed edges. Rounded Interlocks look better than conventional "T" types and are less likely to catch on furnishings.

Additional Benefits .

With a maximum door height of 2700mm, the Low profile sill is available for Disabled access and / or Nursing home applications. The Sliding door can be coupled to other Wintec products.

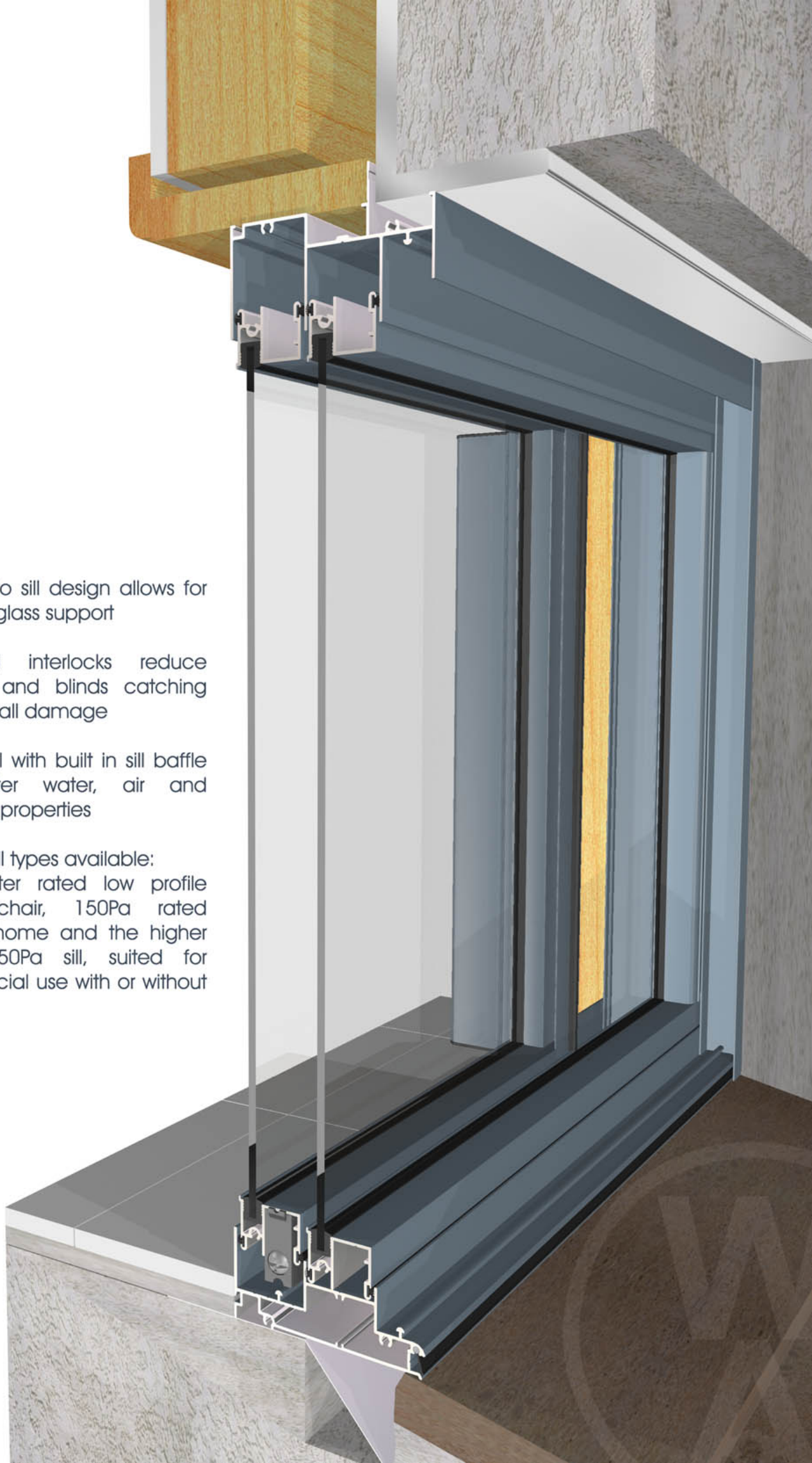
Options .

Insect / Security screens available as well as Double Glazing with an 18mm pocket.



Sliding Door System

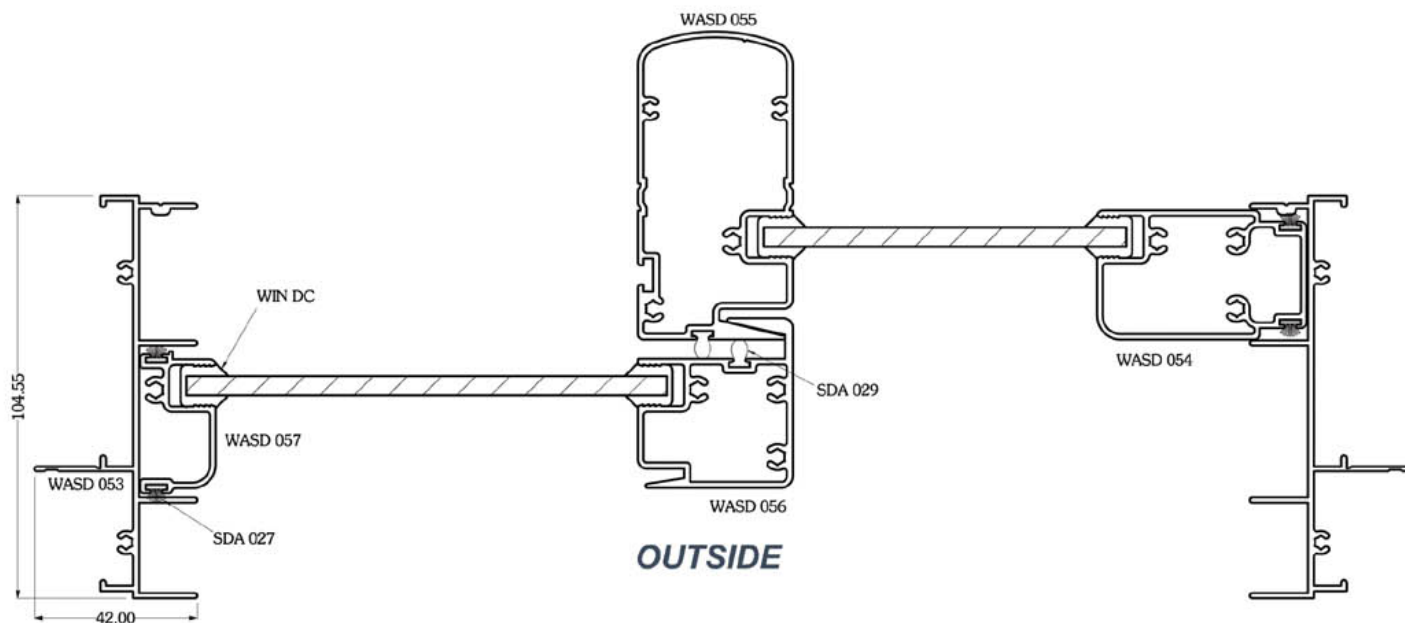
- Low rail to sill design allows for stronger glass support
- Rounded interlocks reduce curtains and blinds catching and overall damage
- Hollow sill with built in sill baffle for better water, air and acoustic properties
- Various sill types available:
Non water rated low profile wheel chair, 150Pa rated Nursing home and the higher rated 450Pa sill, suited for commercial use with or without sub sills



Sliding Door

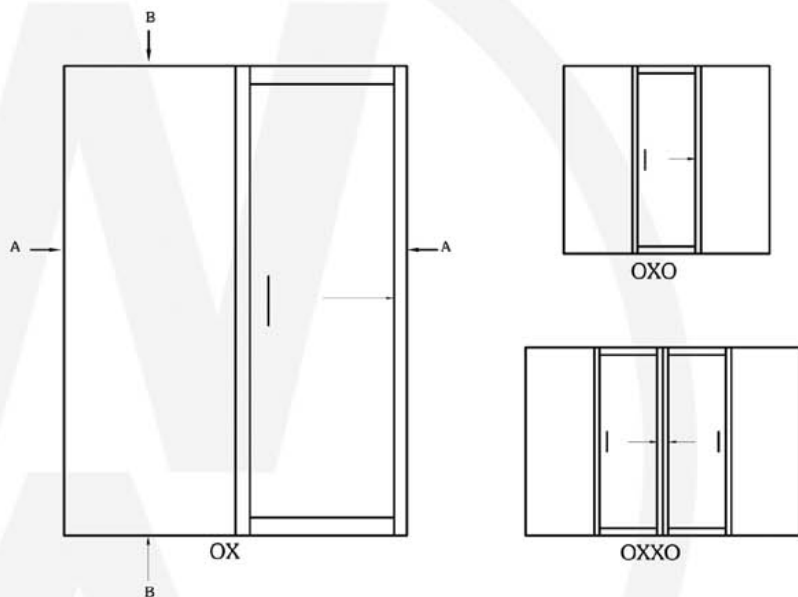
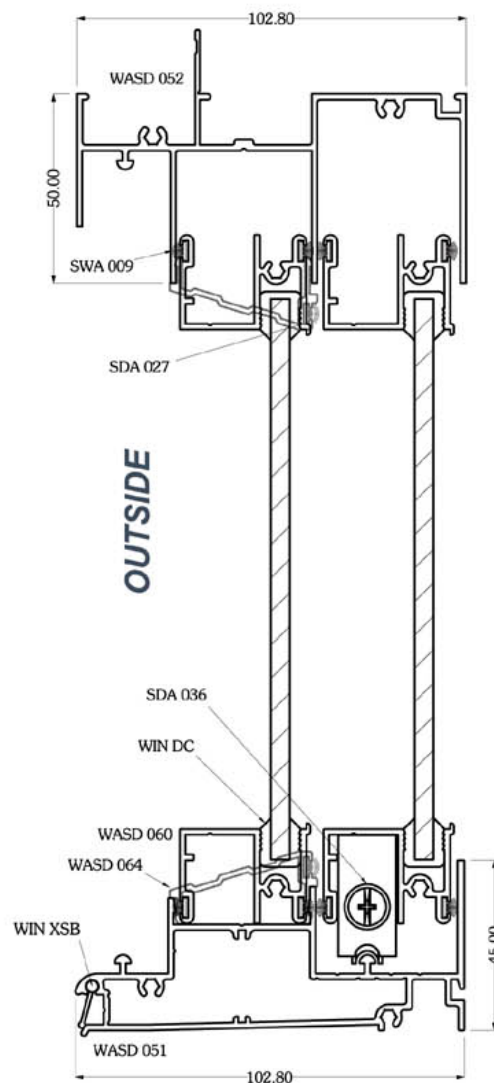
A - A

Technical Configurations - Scale 1:2



Typical Sliding Door - VIEW FROM OUTSIDE

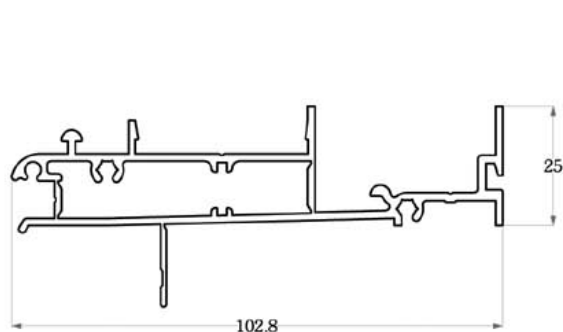
B - B



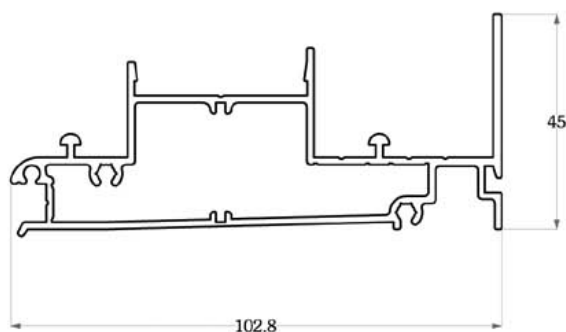
Contact your local Wintec Fabricator
for other configuration options.

X - Sliding
O - Fixed

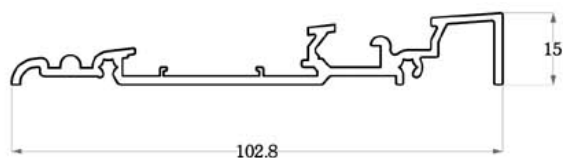
Door Low & High Rating Sills



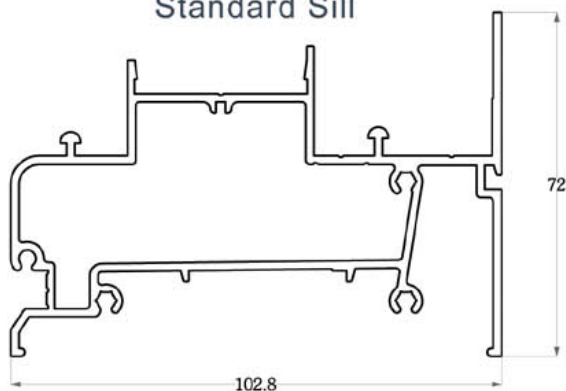
Nursing Home Sill



Standard Sill



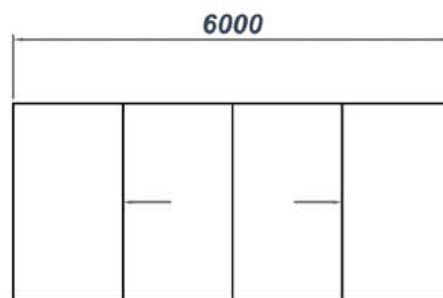
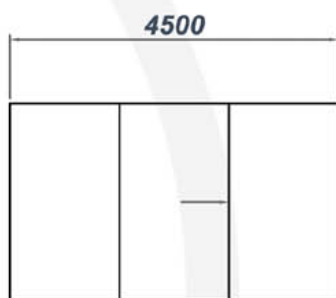
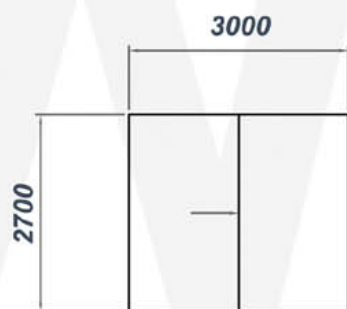
Disabled Wheelchair Sill



450 / 600 Pa Sill

Maximum Sizes Table

***Note:** The Wintec Sliding Door is compatible with various brands of door handles and locks; See your local Wintec Fabricator for details



***Note:** For products or configurations outside of these sizes, or pressures exceeding 1000Pa please contact your nearest Wintec Fabricator

Multi Track Sliding Door



Sill Type .

170mm wide sill with screenable track. Rated to Australian Standards the Multi Track 200 sill has a water penetration resistance pressure of 300 Pascals.

Mullions & Interlocks .

Available in Standard duty = 1000 Pascal serviceability, Heavy duty = 2200 Pascal serviceability and Region D = Cyclonic Rating.

Aesthetics .

No unfinished or exposed edges. Rounded Interlocks look better than conventional "T" types & are less likely to catch on furnishings.

Additional Benefits .

This system has a Maximum door height of 2700mm and a Maximum door width of 7200mm. Depending on width this system can have 3 or 6 panel configurations.

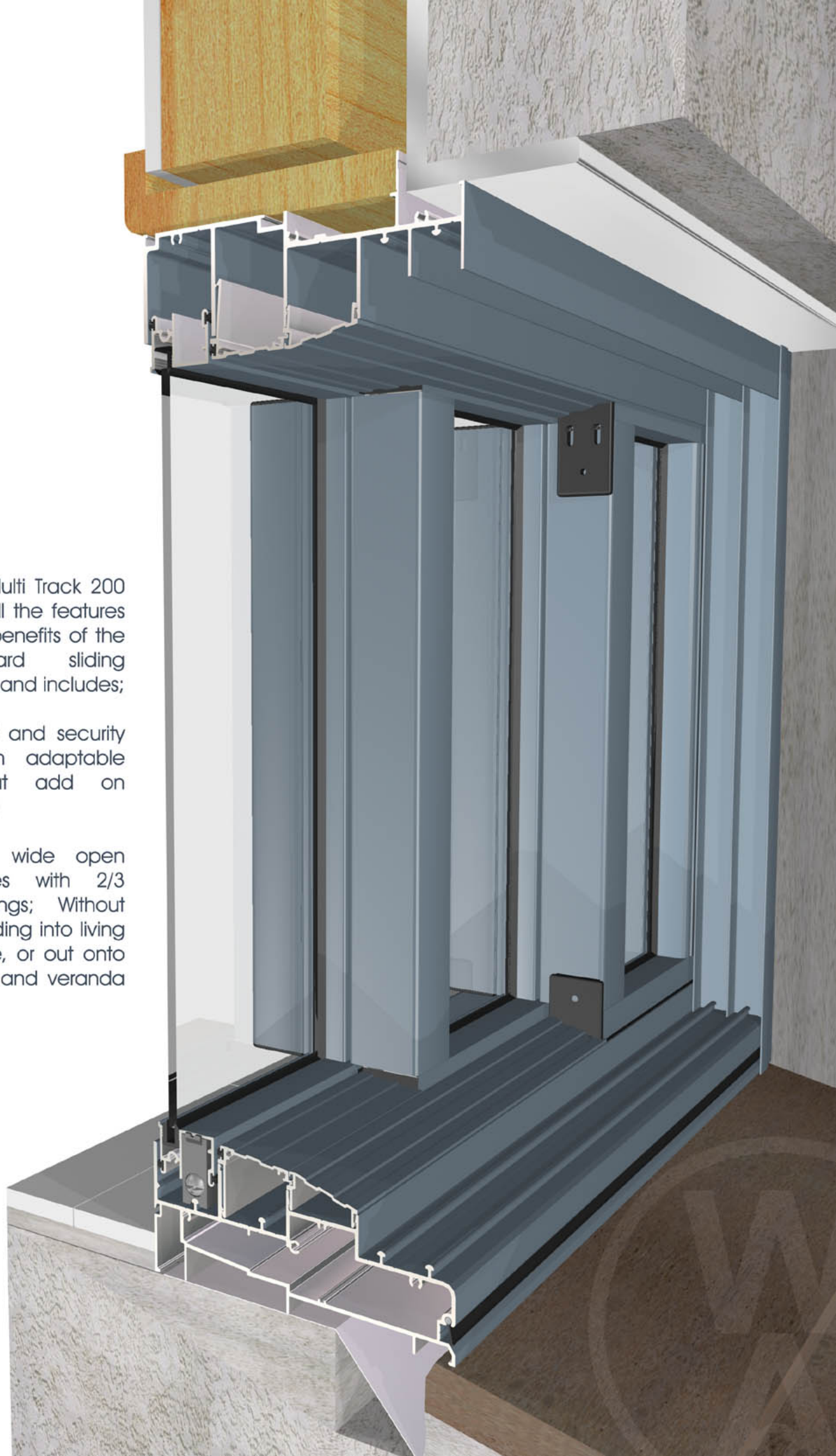
Options .

Insect / Security screens available as well as Double Glazing with an 18mm pocket.



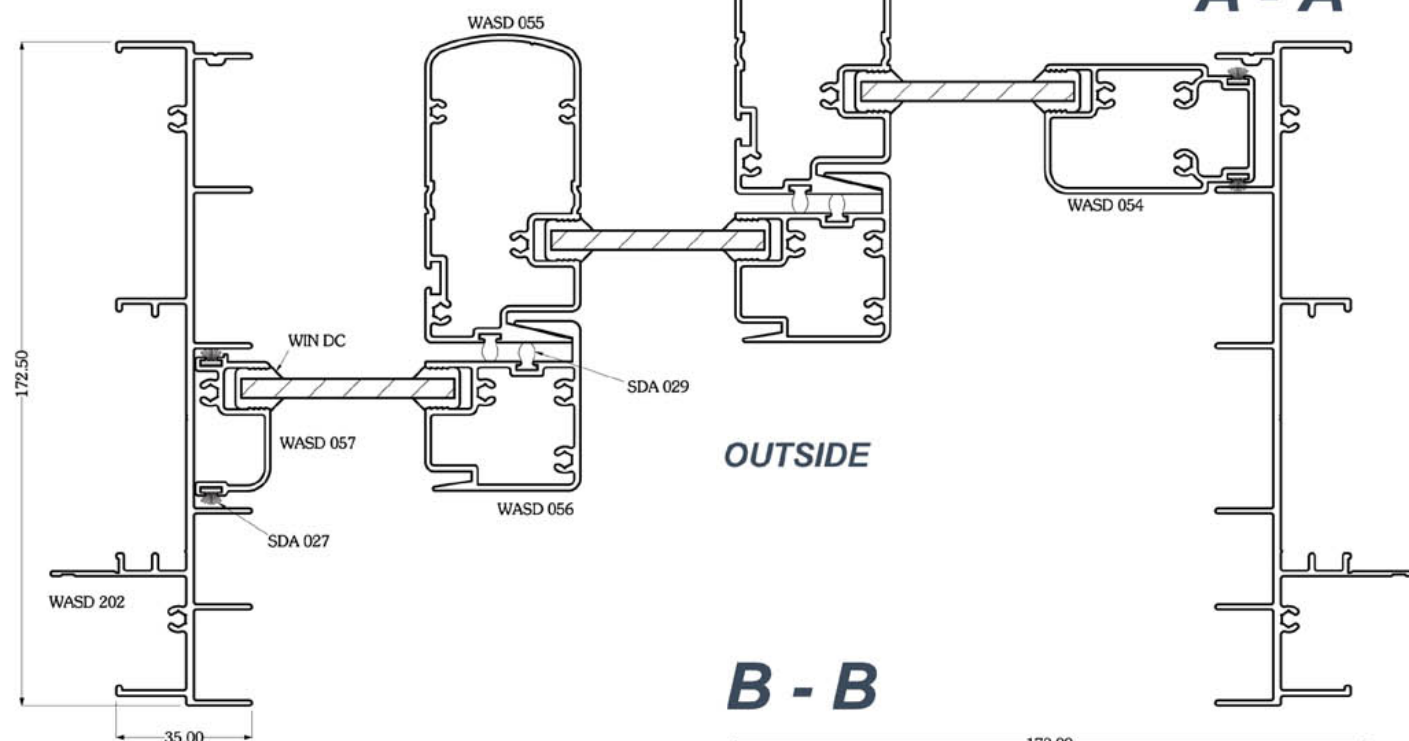
Multi Track Sliding Door

- The Multi Track 200 has all the features and benefits of the standard sliding doors and includes;
- Insect and security screen adaptable without add on tracks
- Enjoy wide open spaces with 2/3 openings; Without impeding into living space, or out onto patio and veranda areas

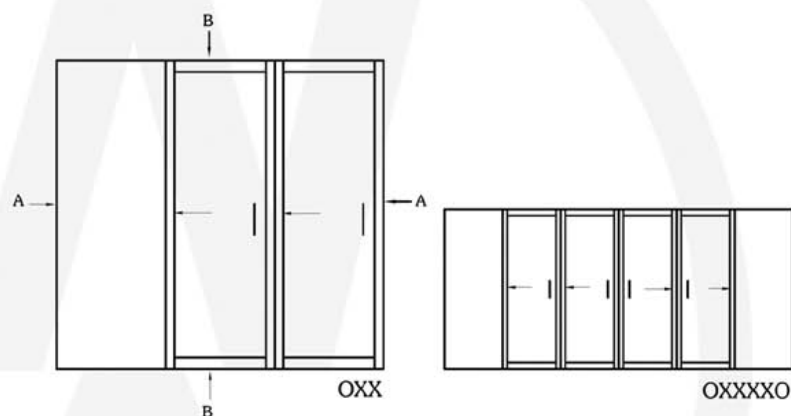


Multi Track Sliding Door

Technical Configurations - Scale 1:2

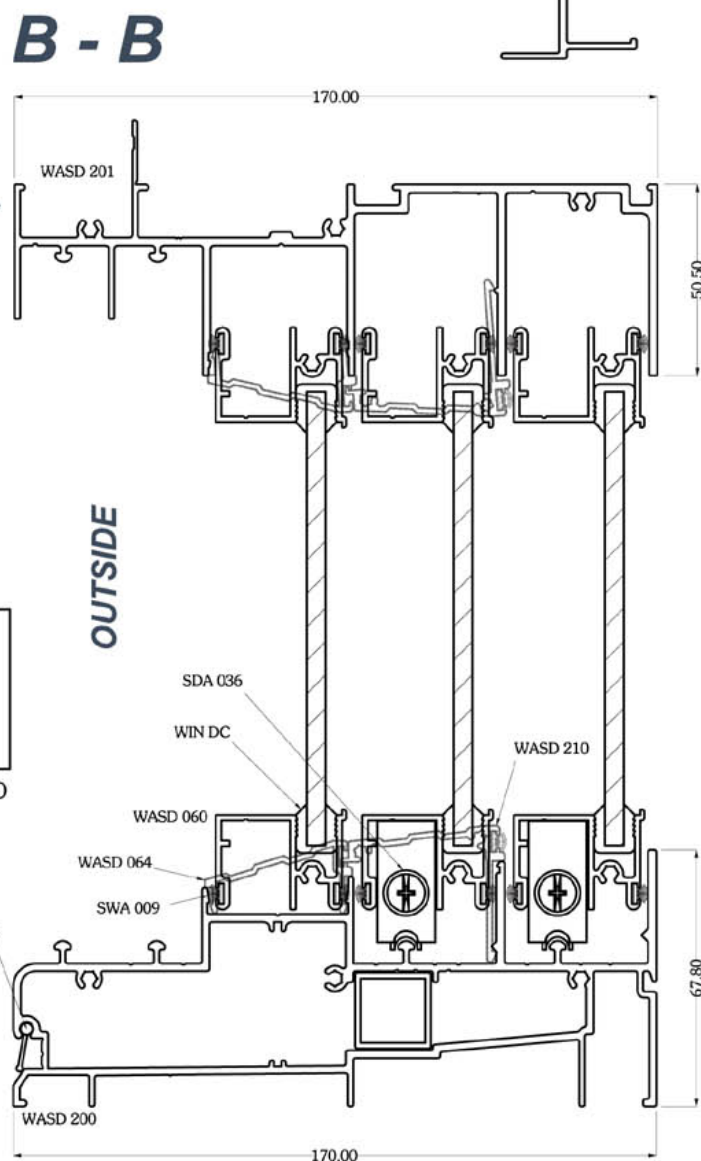


Typical Multi Track Sliding Door -
VIEW FROM OUTSIDE



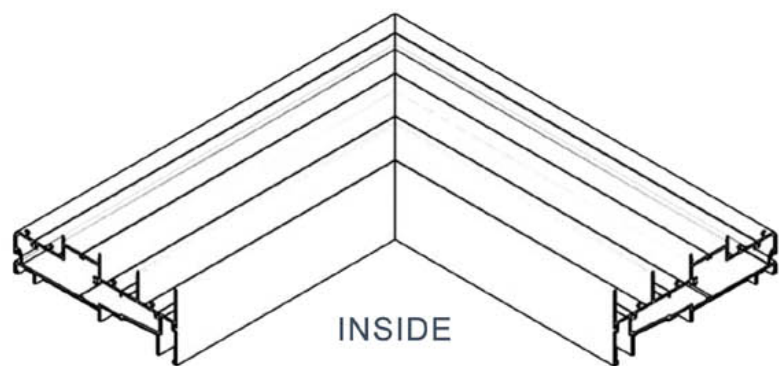
X - Sliding
O - Fixed

Contact your local Wintec Fabricator
for other configuration options.

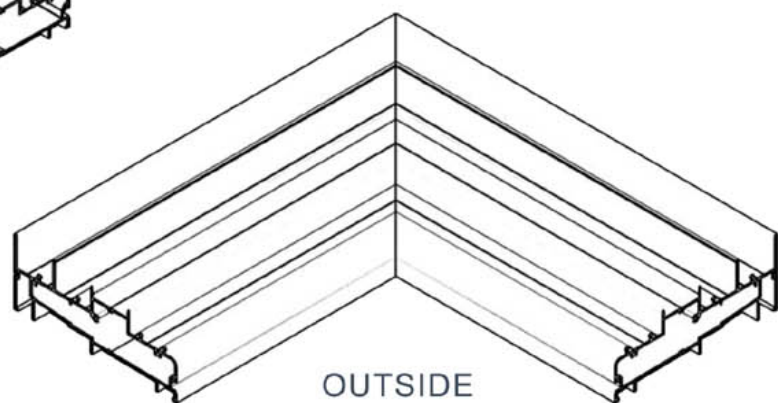


CROSS SECTION

Corner Options

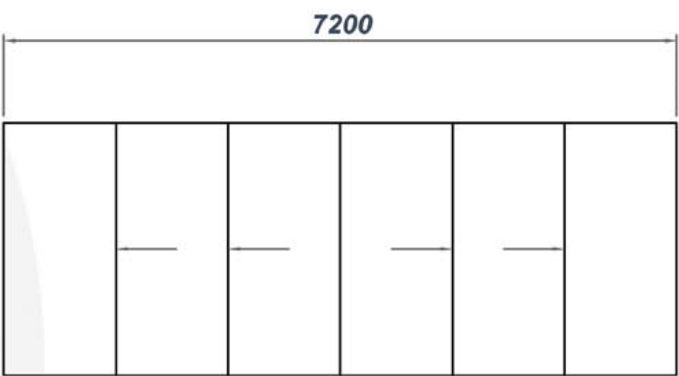
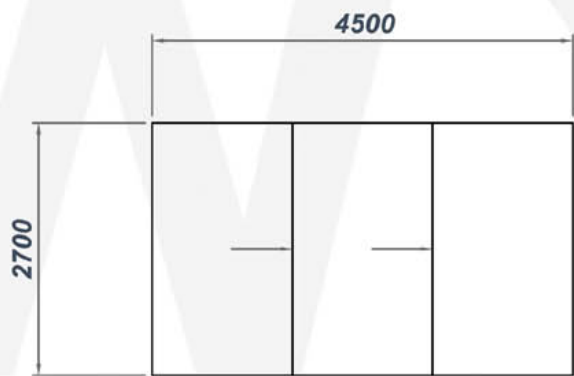


Multi Track Sill - External Corner



Multi Track Sill - Internal Corner

Maximum Sizes Table



***Note:** For products or configurations outside of these sizes, or pressures exceeding 1000Pa please contact your nearest Wintec Fabricator

Summit Sliding Door



The Summit 250 Sliding Door is a product born out of necessity. Architects and Engineers working on projects in cyclonic regions of Australia require higher performing window and door products. The T1 building in Townsville Queensland by the Hedley Group, is an example of this requirement.

Structural .

Size & strength matters, sliding door heights above 3 metres are now possible with the Summit 250. Ultimate strength is obtained through the use of large interlocking hollow sections & heavier gauge wall sections throughout. This system can be glazed up to 12mm

Aesthetics .

The Summit 250 inherits the similar features of the already successful Wintec Sliding Door such as; smooth lines, easy clean surfaces, end capped mullions & interlocks & a heavy duty roller system. The Summit 250 also allows the owner larger uninterrupted views.

Performance .

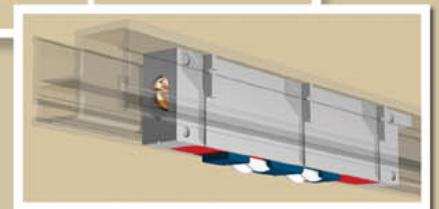
The Summit 250 is tested to AS 2047-1999 & can achieve wind load ratings above 8Kpa. Glazing options allow the Summit 250 to be used in sensitive acoustic & energy efficient applications where large openings & views are still a key requirement.

Additional Benefits .

The Summit 250 Door is suitable for all regions in Australia. It is particularly at home in high wind, coastal & cyclonic regions or for those who simply want "The Ultimate Door!"



Summit 250



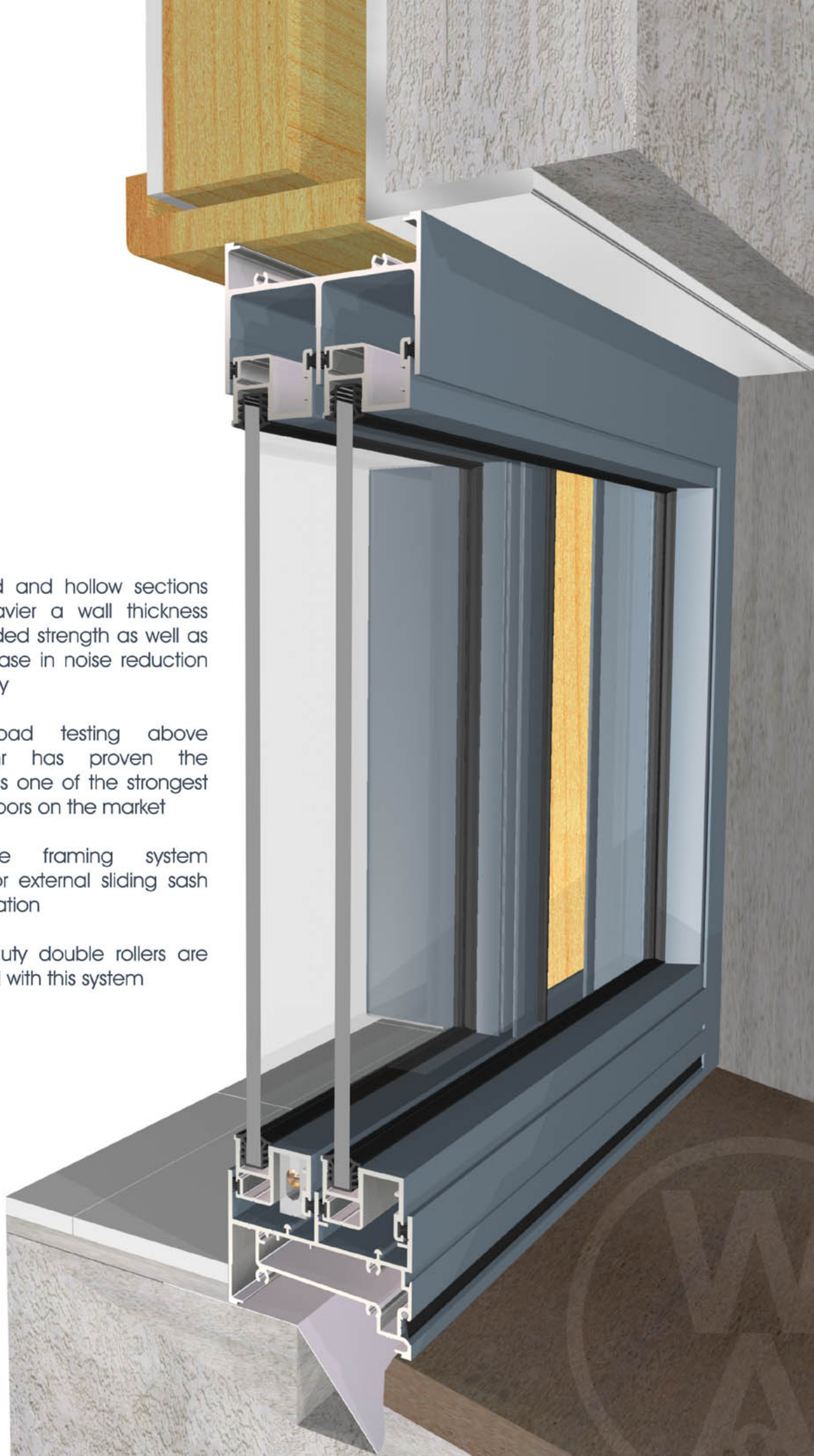
Heavy Duty Double Bogie Roller System



Rated in accordance with AS2047-1999

Summit Sliding Door

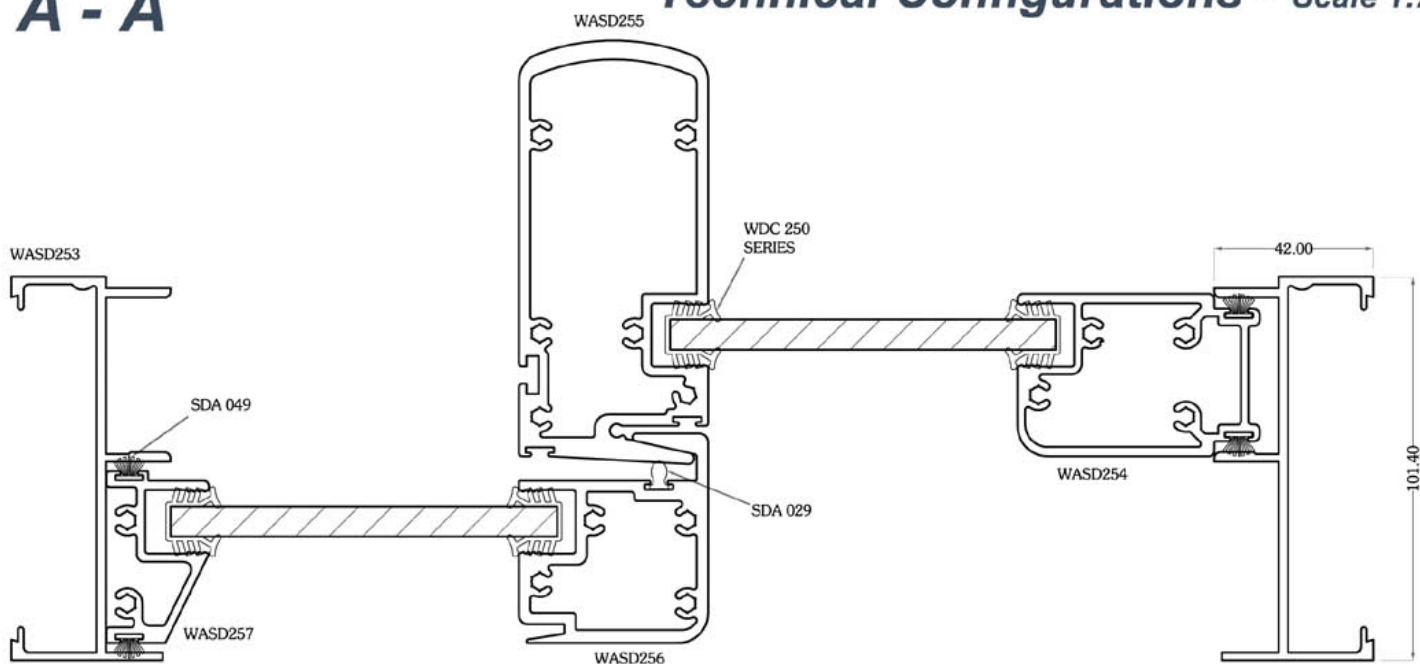
- Rounded and hollow sections with heavier wall thickness give added strength as well as an increase in noise reduction efficiency
- Wind load testing above 300Km/hr has proven the Summit is one of the strongest sliding doors on the market
- Reversible framing system allows for external sliding sash configuration
- Heavy duty double rollers are standard with this system



Summit Sliding Door

A - A

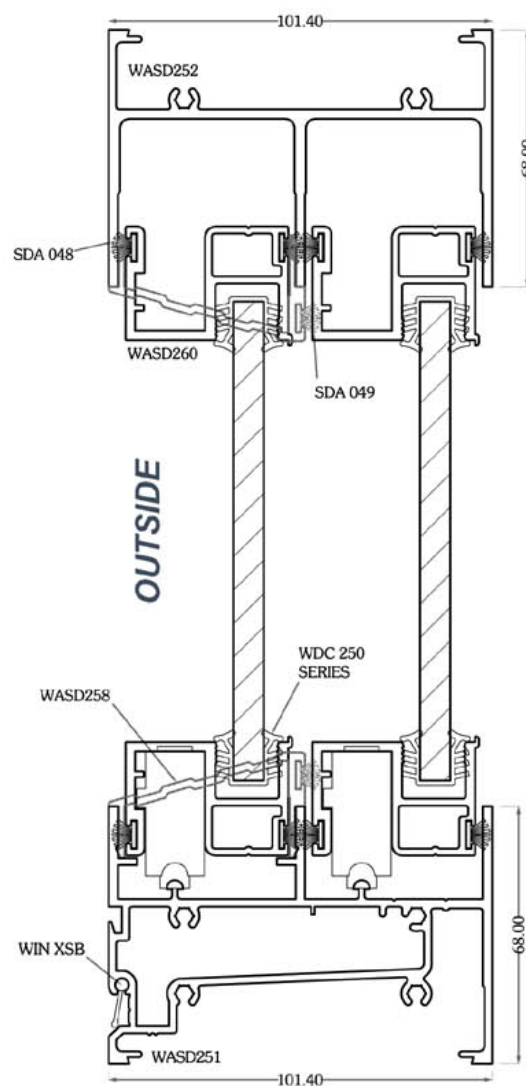
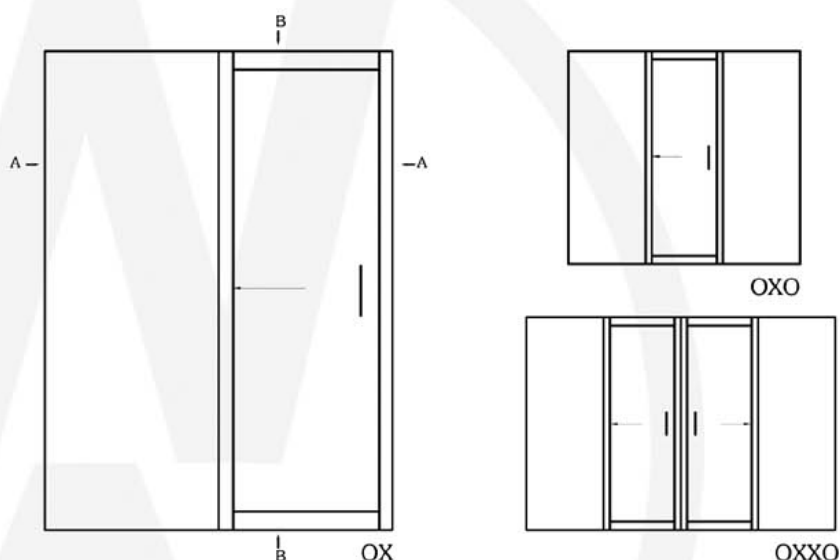
Technical Configurations - Scale 1:2



OUTSIDE

B - B

Typical Summit Sliding Door -
VIEW FROM OUTSIDE

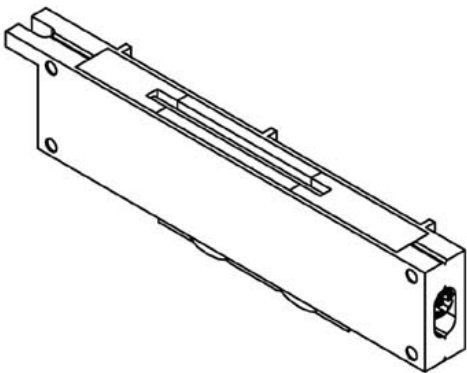


OUTSIDE

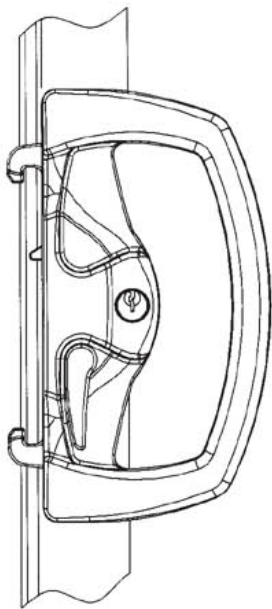
Contact your local Wintec Fabricator
for other configuration options.

X - Sliding
O - Fixed

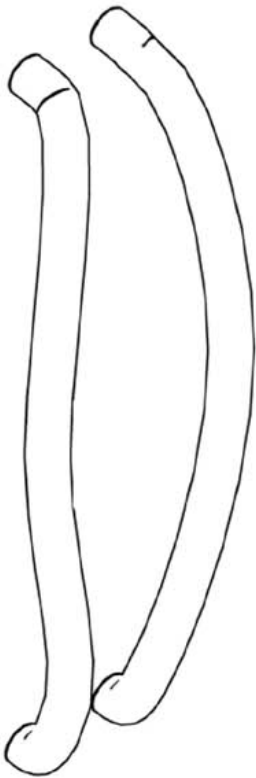
Summit Hardware



Heavy Duty Double Rollers



DeadLock Handle



The Summit Door Stiles Suit A
Range of Architectural Door Furniture

Maximum Sizes Table

3000		4500		6000	
3000					

***Note:** For products or configurations outside of these sizes, or pressures exceeding 1000Pa please contact your nearest Wintec Fabricator

Hinged Doors



Structural .

Strong hollow rails, stiles and mid rails give this Hinged Door the edge in strength and serviceability. The Wintec French Door can be coupled with all other Wintec Products. Mitred door sash is 75mm x 48mm and can also be double glazed.

Weather .

Unique "Z" seals as well as Q'lon seals for the Head, Sill and Stiles provides excellent sealing from the weather.

Aesthetics .

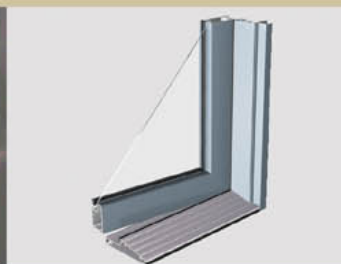
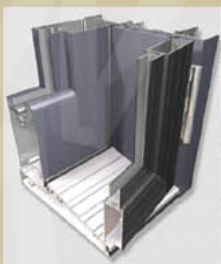
Rounded rails help to give this door the classy yet structurally sound look. This system is available in various glazing options and styles.

Additional Benefits .

This system can be individually glazed and is also available in a federation style. Doors can be opened inwards as well as outwards with the Triple 1 framing system.

Note .

It is not a requirement for hinged doors to be tested in accordance to AS2047. It is an initiative of Wintec Aluminium to achieve ratings on air infiltration and water penetration for all window and door products.



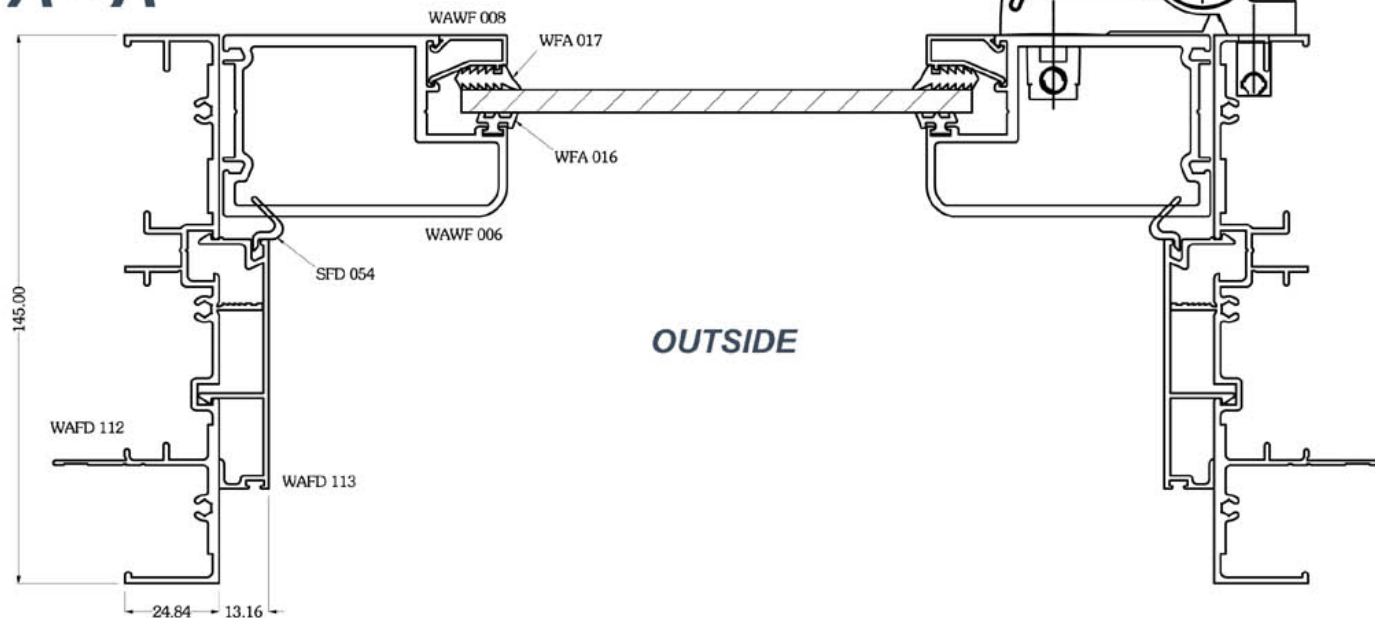
Tripole 7 French Door

- Full perimeter frame sealing system using Q'Lon foam seals
- Self draining hollow inward and outward opening sills
- Rated sill is tested to 200Pa water penetration resistance
- Double rebate jambs suited for security door
- Suited to double glazing



Hinged Door - OPENING IN

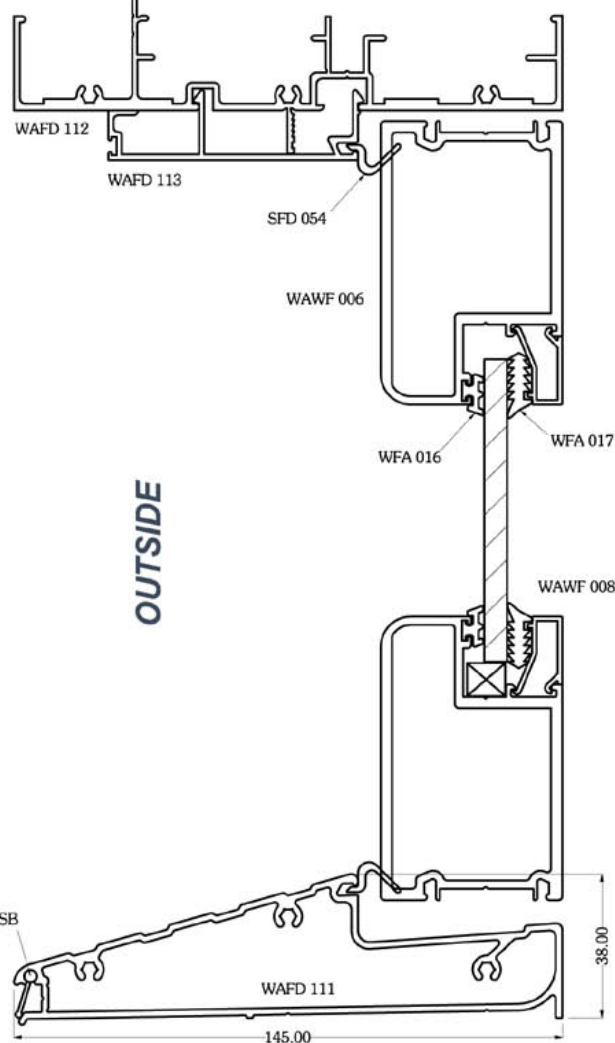
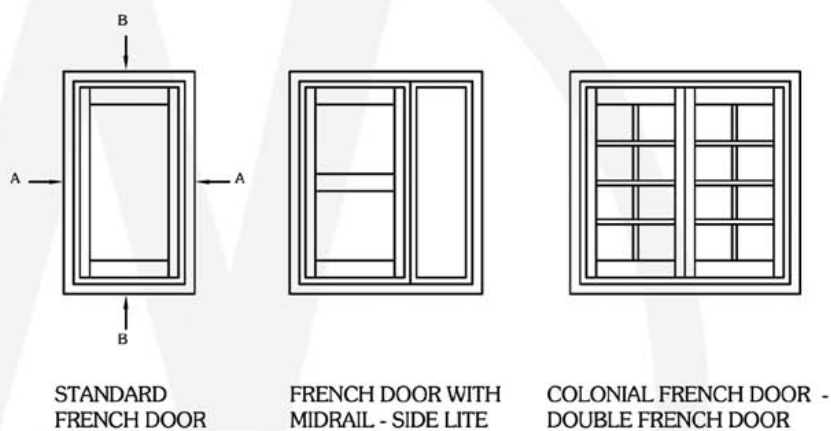
A - A



B - B

Typical 111 French Door - VIEW FROM OUTSIDE

Technical Configurations - Scale 1:2



Contact your local Wintec Fabricator for other configuration options.

Hinged Door Hardware

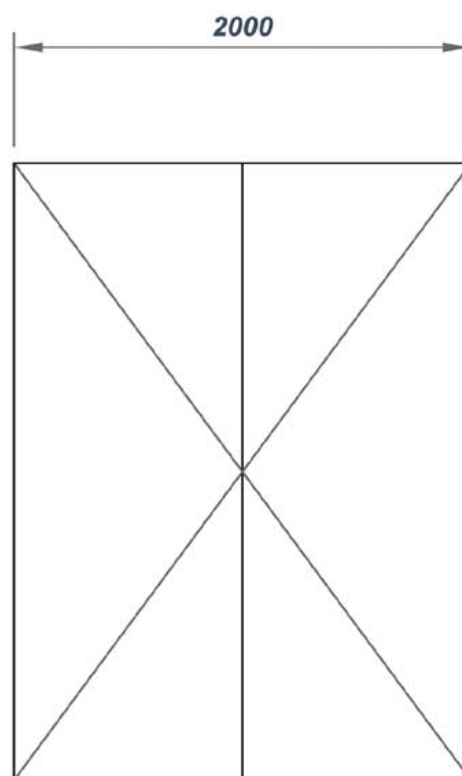


Lever Handle



Multi Point Locking

Maximum Sizes Table



***Note:** For products or configurations outside of these sizes, or pressures exceeding 1000Pa please contact your nearest Wintec Fabricator

WINFOLD

Bi-folding Door

Structural .

Featuring Wintec's rounded hollow construction, the Winfold suits door heights up to 3 metres and individual panel widths to 1 metre. Therefore, offering more uninterrupted views without sacrificing strength and safety. Quality marine grade stainless steel hardware is used to ensure product longevity and performance in the harshest of conditions.

Weather & Energy .

Keeping up with Wintec's proven weather performance, the Winfold is ideal for coastal and exposed locations. The Winfold sill is reversible allowing for inward or outward openings. With modern design and utilising quality seals, ensures the Winfold will meet the high demands for energy efficiency and weather performance in today's market.

Aesthetics .

The Winfold features a new and fresh approach to bi-fold styling. Hard square edges are eliminated on the Winfold and replaced with more modern rounded door rails and stiles that give that easy clean, smooth and classy appearance.

Additional Benefits .

Available in double glazing

Multi point locking hardware for better security

Dust seal on head track reduces wear and corrosion

Available in a low profile sill for easy access applications

**Rated in accordance with AS2047-1999*

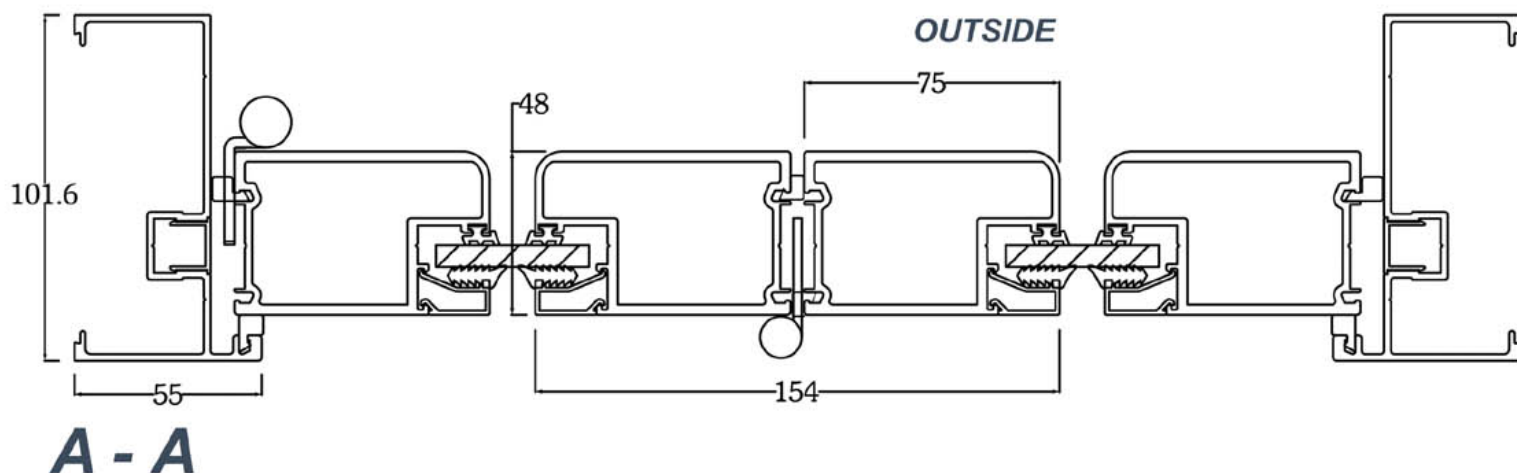


Winfold Bi-folding Door

- 2 Sill types available;
Low Profile and Water Rated
- Reversible sill allows water drainage for both inward and outward opening door configurations
- Rounded stiles and rails for softer aesthetics
- Brush seals in the head and rails reduce dirt and grime build up in guide tracks



Technical Configurations - Scale 1:2



B - B

Typical Winfold / Bi-folding Door -

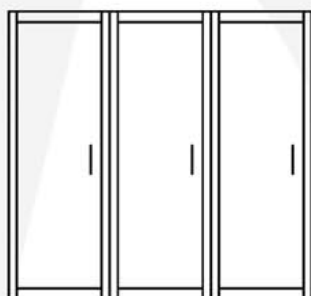
VIEW FROM OUTSIDE

Various opening configurations

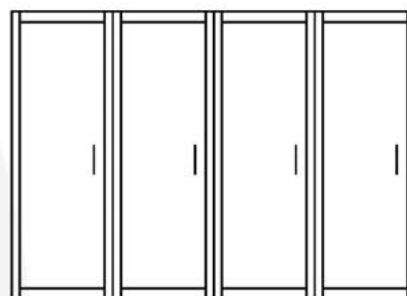
*Note: 2 Panel minimum - 8 Panel maximum



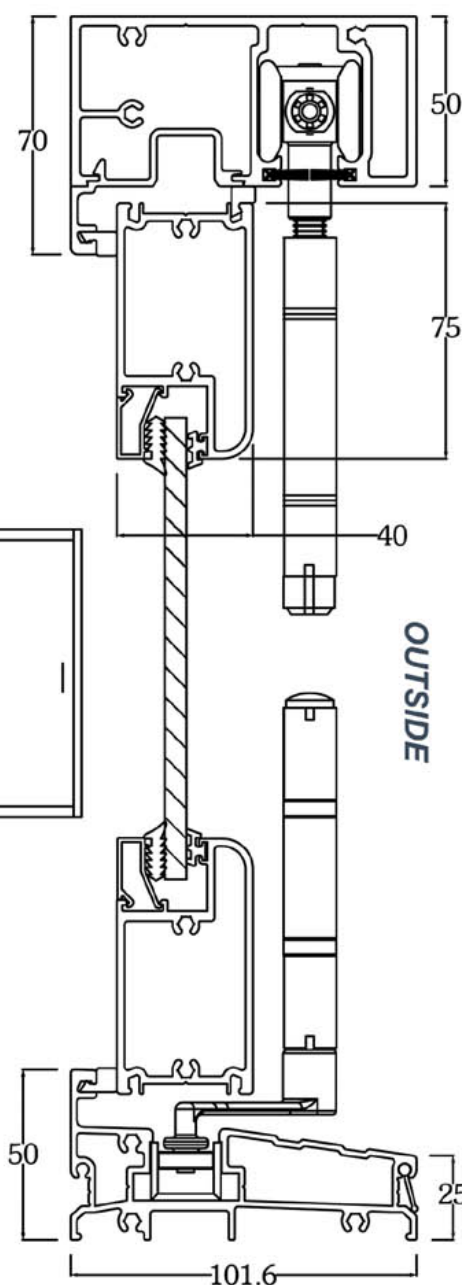
**Standard
2 Panel Winfold**



**Standard
3 Panel Winfold**

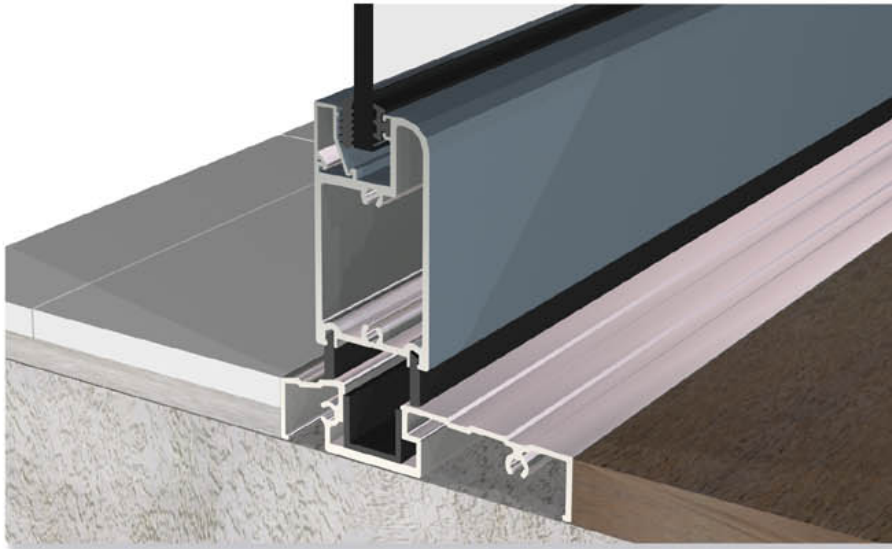


**Standard
4 Panel Winfold**



Contact your local Wintec Fabricator
for other configuration options.

Winfold Hardware

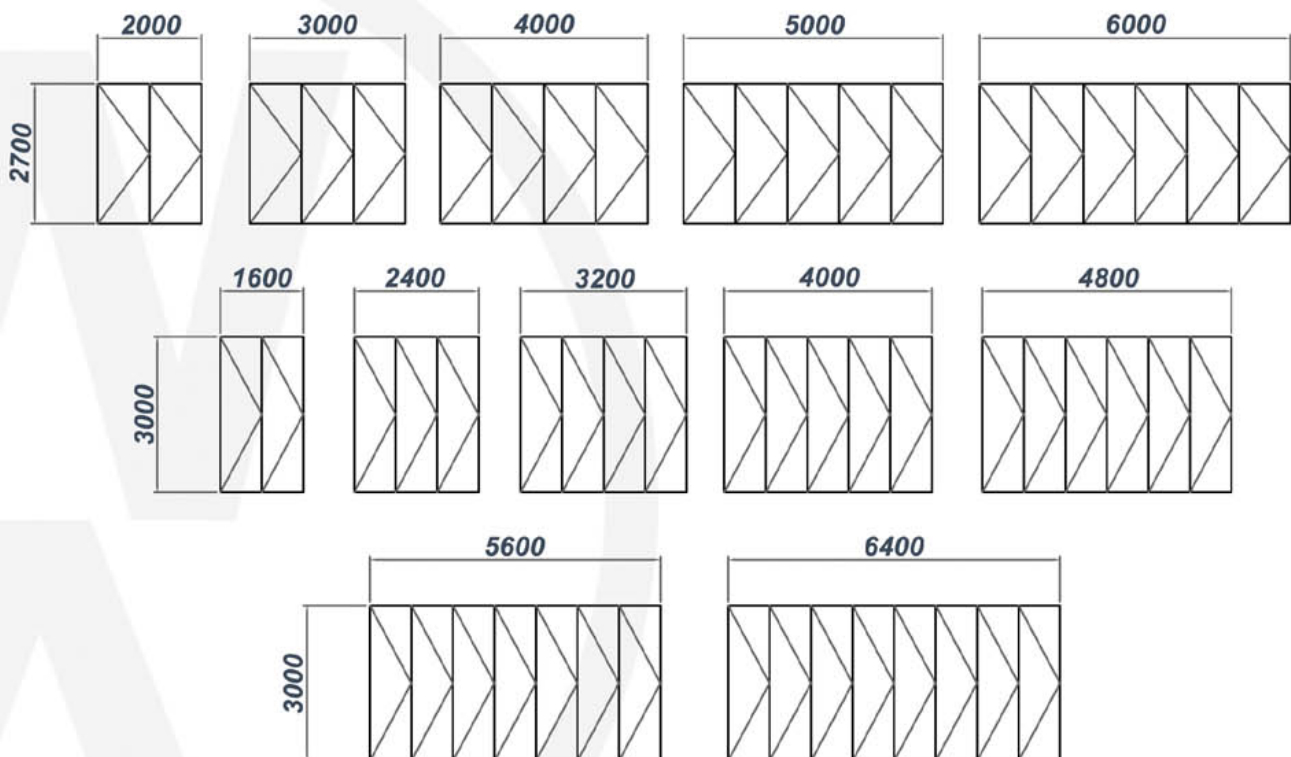


Low profile sill can be flush fitted to timber or tile flooring



Stainless Steel
Centor Hardware

Maximum Sizes Table



***Note:** For products or configurations outside of these sizes, or pressures exceeding 1000Pa please contact your nearest Wintec Fabricator

Test Laboratory



Accreditation number 14093

Wintec Aluminium's dedication to good design practice required an in-house test laboratory to carry out R&D testing and formal NATA accredited testing.

The test laboratory has been accredited to ISO/IEC17025.

TESTING

The methods of test for windows and doors are specified in AS2047:1999 Windows in buildings – selection and installation. The tests specified in this Standard are given in the AS4420 suite of Standards.

AS4420.2 DEFLECTION TEST

Windows and doors shall be designed to control or limit the deflection of structural members at the Serviceability Limit State.

No structural member in a completely assembled and glazed window or door shall deflect by an amount greater than span/150 for "housing", Span/180 for "other residential" and some "housing" or Span/250 for "commercial".



AS4420.3 OPERATING FORCE TEST

The operating force test measures the forces required to operate windows and doors with moving sashes. The size of the operating force depends on the weight of the sash, the arrangement and compression of seals and the configuration of rollers or slides.



AS4420.4 AIR INFILTRATION TEST

The air infiltration rate is a measure of the ability of the window or door to resist the ingress or egress of air through the window at a nominated static air pressure. The air infiltration rate is important with regard to the thermal performance of windows and doors, and is used in the calculation of the window energy rating. There is also some correlation between the air infiltration rate and the sound transmission characteristics of the window or door.



AS4420.5 WATER PENETRATION RESISTANCE TEST

Water penetration resistance is a measure of the ability of the window or door to resist the ingress of water spray under positive air pressure to the interior of the building.

The window or door shall be designed such that there shall be no penetration of uncontrolled water through the window or door at a static positive air pressure.

The water penetration level is defined as the maximum static air pressure at which no penetration of uncontrolled water occurs for a given volume and application of water spray.



AS4420.6 ULTIMATE STRENGTH TEST

Structural members of a window and door that are likely to be subjected to stress resulting from actions by wind on the assembly shall be designed so that the stress due to the ULS design wind loads does not exceed the factored limit state stress of the material. The Ultimate Limit State is the maximum load carrying resistance of the window.

WERS Certified

Wintec Aluminium					Cool %	Heat %	Total Window - NFRC			
Updated - 19-May-09							Uw	SHGC	Tvw	Air Inf.
Window ID	Glazing	Cooling Stars	Heating Stars							
48mm Aluminium Sliding Window - Single Glazed										
WAS-001-01	3Clr	☆	☆☆☆		8%	18%	6.5	0.77	0.79	0.13
WAS-001-02	4Clr	☆	☆☆☆		10%	18%	6.4	0.75	0.78	0.13
WAS-001-03	4EG	☆☆	☆☆		32%	8%	6.4	0.51	0.65	0.13
WAS-001-04	6.38DLam	☆	☆☆☆		13%	19%	6.3	0.72	0.78	0.13
WAS-001-05	6.38CP	☆☆☆☆	☆☆☆☆☆		46%	30%	4.5	0.46	0.52	0.13
48mm Direct Aluminium Sliding Window - Double Glazed										
WAS-002-01	3/6/3	☆☆	☆☆☆☆☆		29%	46%	4.0	0.68	0.71	0.13
48mm Aluminium Sliding Window - Double Glazed										
WAS-003-01	4/8/4	☆☆	☆☆☆☆☆		35%	43%	4.1	0.62	0.66	0.13
WAS-003-02	4EG/8/4	☆☆☆☆☆	☆☆☆☆☆		52%	32%	4.1	0.39	0.55	0.13
WAS-003-03	4EG/10/4EA	☆☆☆☆	☆☆☆☆		59%	37%	3.4	0.35	0.50	0.13
300 Series Aluminium Sliding Window - Double Glazed										
WAS-004-01	4/8/4	☆☆	☆☆☆☆☆		35%	43%	4.0	0.62	0.66	0.78
WAS-004-02	4EG/8/4	☆☆☆☆☆	☆☆☆☆☆		52%	32%	4.0	0.39	0.55	0.78
WAS-004-03	4EG/10/4EA	☆☆☆☆	☆☆☆☆		59%	37%	3.3	0.35	0.50	0.78
Aluminium Sliding Door - Single Glazed										
WAS-005-01	6.38DLam	☆	☆☆☆		15%	22%	6.0	0.72	0.78	0.76
WAS-005-02	6.38DLamGy	☆☆	☆☆☆		31%	16%	6.0	0.55	0.39	0.76
WAS-005-03	6.38CP	☆☆☆☆	☆☆☆☆☆		48%	34%	4.2	0.45	0.52	0.76
Aluminium Sliding Door - Double Glazed										
WAS-006-01	4/10/4	☆☆	☆☆☆☆☆		34%	47%	3.8	0.64	0.69	0.76
WAS-006-02	4EG/10/4	☆☆☆☆☆	☆☆☆☆		53%	35%	3.8	0.40	0.57	0.76
WAS-006-03	4EG/10/4EA	☆☆☆☆	☆☆☆☆		59%	40%	3.2	0.36	0.53	0.76
WAS-006-04	6.38CP/8/4	☆☆☆☆	☆☆☆☆		56%	40%	3.3	0.39	0.46	0.76
Aluminium Awning Window - Double Glazed										
WAS-007-01	4/8/4	☆☆☆	☆☆☆☆☆		39%	57%	4.3	0.56	0.58	0.28
WAS-007-02	4EG/8/4	☆☆☆☆☆	☆☆☆☆☆		53%	47%	4.3	0.36	0.48	0.28
WAS-007-03	4EG/10/4EA	☆☆☆☆	☆☆☆☆		59%	52%	3.7	0.32	0.44	0.28
Aluminium Casement Window - Double Glazed										
WAS-008-01	4/8/4	☆☆☆	☆☆☆☆☆		40%	60%	4.0	0.56	0.58	0.42
WAS-008-02	4EG/8/4	☆☆☆☆☆	☆☆☆☆		55%	50%	4.0	0.35	0.48	0.42
WAS-008-03	4EG/10/4EA	☆☆☆☆☆	☆☆☆☆☆		61%	55%	3.4	0.31	0.45	0.42
Aluminium Double Hung Window - Double Glazed										
WAS-009-01	4/8/4	☆☆	☆☆☆☆☆		37%	34%	4.4	0.57	0.61	3.57
WAS-009-02	4EG/8/4	☆☆☆☆☆	☆☆☆☆		52%	23%	4.4	0.36	0.50	3.57
WAS-009-03	4EG/10/4EA	☆☆☆☆	☆☆☆☆		58%	28%	3.8	0.32	0.46	3.57
48mm Aluminium Fixed Window - Single Glazed										
WAS-010-01	3Clr	☆	☆☆☆		6%	27%	6.0	0.80	0.83	0.00
WAS-010-02	4Clr	☆	☆☆☆		8%	27%	5.9	0.78	0.82	0.00

Energy Performance

WAS-010-03	4EG	★ ★	★ ★ ☆	33%	16%	5.9	0.53	0.68	0.00
WAS-010-04	6.38DLam	☆	★ ★ ★	12%	27%	5.8	0.75	0.82	0.00
WAS-010-05	6.38CP	★ ★ ★	★ ★ ★ ★	48%	39%	3.9	0.47	0.54	0.00
48mm Aluminium Awning Window - Single Glazed									
WAS-011-01	3Clr	★	★ ★ ★ ☆	21%	33%	6.4	0.65	0.65	0.29
WAS-011-02	4EG	★ ★	★ ★ ★	38%	24%	6.4	0.44	0.54	0.29
WAS-011-03	4Gn	★ ★	★ ★ ★ ☆	32%	28%	6.4	0.51	0.59	0.29
WAS-011-04	4Gy	★ ★	★ ★ ★ ☆	34%	27%	6.4	0.49	0.40	0.29
WAS-011-05	5Clr	★	★ ★ ★ ☆	23%	33%	6.4	0.62	0.65	0.29
WAS-011-06	5EG	★ ★	★ ★ ★	38%	24%	6.4	0.44	0.53	0.29
WAS-011-07	5Gy	★ ★	★ ★ ★	36%	26%	6.4	0.47	0.37	0.29
WAS-011-08	6.38CP	★ ★ ★	★ ★ ★ ★ ☆	48%	43%	4.8	0.40	0.43	0.29
WAS-011-09	6.38DLam	★ ☆	★ ★ ★ ☆	26%	33%	6.3	0.60	0.64	0.29
WAS-011-10	6EG	★ ★ ☆	★ ★ ★	41%	23%	6.3	0.40	0.48	0.29
WAS-011-11	6SnClr	★ ★ ☆	★ ★ ★ ★ ☆	43%	41%	5.2	0.45	0.49	0.29
WAS-011-12	6SnGn	★ ★ ★ ☆	★ ★ ★ ★	51%	34%	5.2	0.33	0.41	0.29
Aluminium Double Hung Window - Single Glazed									
WAS-012-01	4Gn	★ ☆	★ ★	27%	8%	6.4	0.58	0.69	3.57
WAS-012-02	4Gy	★	★ ★	19%	12%	6.4	0.66	0.47	3.57
WAS-012-03	5Clr	☆	★ ★ ☆	14%	15%	6.3	0.71	0.75	3.57
WAS-012-04	5Gy	★ ☆	★ ☆	31%	7%	6.3	0.53	0.42	3.57
WAS-012-05	6.38DLam	★	★ ★ ☆	18%	15%	6.2	0.68	0.75	3.57
WAS-012-06	6.38CP	★ ★ ★	★ ★ ★	47%	26%	4.5	0.44	0.50	3.57
WAS-012-07	6SnClr	★ ★ ☆	★ ★ ★	40%	25%	4.9	0.51	0.57	3.57
WAS-012-08	6SnGn	★ ★ ★	★ ★ ☆	49%	21%	4.7	0.40	0.48	3.57

NOTES

1. Uw is the whole window U-value
2. SHGCw is the whole window solar heat gain coefficient
3. Twv is the whole window visible (light) transmittance
4. Percentage improvement figures are compared with using base-case Generic Window 1 (3mm clear in standard aluminium frame)
5. A negative percentage improvement figure indicates performance worse than the base-case window
6. A positive percentage improvement figure indicates performance better than the base-case window
7. Maximum air Infiltration is 5.0L/s.m2 at a positive pressure difference of 75 Pa as measured according to AS 2047
8. Static performance (Uw SHGCw Twv Tdw) calculated using Window 5.2 and Therm 5.2 software (LBNL), 2000-2003
9. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (AccuRate) according to procedures of WERS 2008.
10. Results disclosed at National Fenestration Rating Council (NFRC) regulations.



Acoustic Results

The table below is a guide to the acoustic performance of Wintec Aluminium Windows & Doors. The Rw (Weighted Sound Reduction Index) ratings are results of tests conducted at the National Acoustic Laboratory.

Product	Configuration	Sample size	Glazing	Rw (C _T ; C _{TR})	STC	OITC	Test	Test date
Sliding door	XO	2100 x 1800	10.38mm laminate	35 (-2; -3)	34	31	ATF2094	13th December 2007
Sliding door	XO	2100 x 1800	6.38mm laminate	32 (-1; -3)	32	28	ATF2095	13th December 2007
Sliding door	XO	2100 x 1800	4mm toughened	30 (-1; -3)	30	25	ATF2096	13th December 2007
48mm awning window	AA	1200 x 1800	6.38mm laminate	31 (0; -2)	31	27	ATF2097	17th December 2007
48mm awning window	AA	1200 x 1800	4mm float	27 (-1; -2)	27	24	ATF2098	17th December 2007
48mm sliding window	XO	1200 x 1800	6.38mm laminate	31 (0; -2)	31	28	ATF2099	17th December 2007
48mm sliding window	XO	1200 x 1800	6.38mm laminate	31 (0; -2)	31	28	ATF2100	17th December 2007
48mm sliding window	XO	1200 x 1800	4mm float	30 (-1; -3)	29	25	ATF2101	17th December 2007
Double hung	DD	1200 x 1800	4mm float	28 (-1; -2)	27	25	ATF2102	18th December 2007
Double hung	DD	1200 x 1800	6.38mm laminate	31 (-1; -2)	31	27	ATF2103	18th December 2007
48mm awning window	AA	1200 x 1800	6.38mm laminate	32 (0; -1)	32	29	ATF2104	18th December 2007
48mm awning window	AA	1200 x 1800	6.38mm/6mm air/6.38mm	34 (-1; -3)	34	30	4201-1	16th September 2009
48mm awning window	AA	1200 x 1800	12.38mm laminate	35 (-1; -3)	35	31	4201-2	16th September 2009
48mm sliding window	XO	1200 x 1800	10.38mm laminate	31 (0; -2)	31	29	4201-3	16th September 2009
100mm awning window	AA	1200 x 1800	6.38mm laminate	32 (-1; -2)	32	28	4201-4	16th September 2009
100mm awning window	AA	1200 x 1800	10.38mm laminate	35 (-1; -3)	35	31	4201-5	16th September 2009
100mm sliding window	XO	1200 x 1800	10.38mm laminate	33 (-1; -2)	33	29	4201-6	16th September 2009
Summit sliding door	XO	2100 x 2100	10.38mm laminate	34 (-1; -3)	34	29	4201-7	6th October 2009
Summit sliding door	XO	2100 x 2100	6.38mm laminate	32 (-1; -3)	32	27	4201-8	6th October 2009
Triple 1 door	DF	2100 x 2100	12.38mm laminate	33 (-1; -2)	33	30	4201-9	6th October 2009
Summit awning	AF	2100 x 2100	10.38mm laminate	34 (-1; -2)	34	31	4201-10	6th October 2009
Summit awning	AF	2100 x 2100	6.38mm laminate	32 (-1; -2)	32	29	4201-11	6th October 2009

Care & Maintenance Warranty

Wintec Aluminium is a member of the Australian Window Association & as such conforms to an Industry Code of Conduct designed to protect consumers.

Wintec Aluminium is inspected by 3rd party NATA accredited auditors to validate that the window & door products examined have been manufactured to the relevant Australian Standards & the legislation requirements of the Australian Building Code.

7 YEAR GUARANTEE This guarantee is in addition to all other rights & remedies in respect of these products which you are entitled to under the Trade Practices Act & other similar State & Territory laws & should be read in addition to any guarantees provided specific to the company of issue.



Wintec Aluminium windows & doors are proudly guaranteed against defects arising from faulty workmanship or materials for a period of seven (7) years from the date of delivery by Wintec Aluminium, subject to the following.

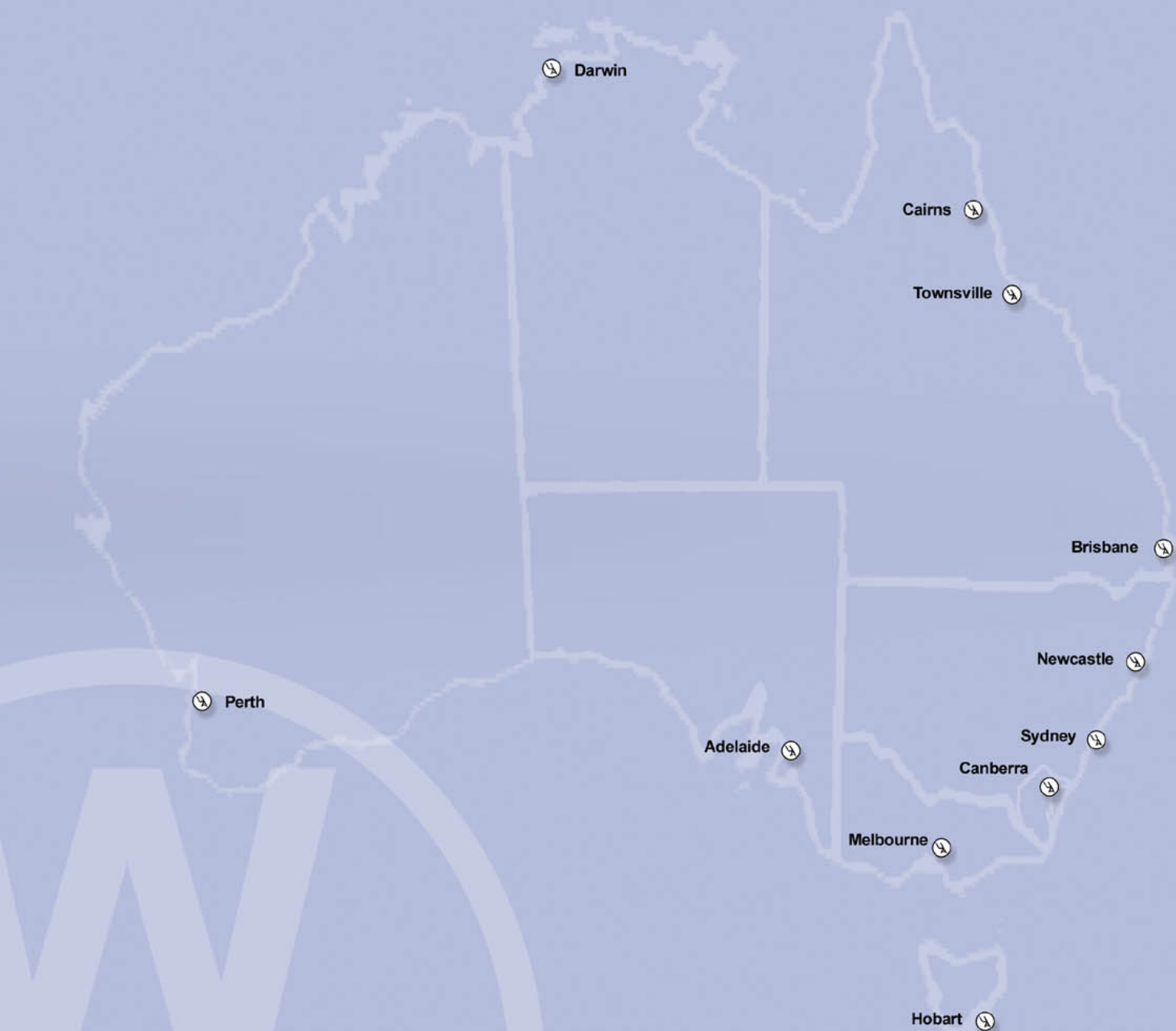
- The product is installed & maintained in accordance with the relevant Australian Standards & recognized building practices.
- The product has not been subject to misuse, physical abuse or neglect.
- Only service work carried out by Wintec Aluminium personnel or authorized Wintec Aluminium agents is covered by this guarantee.
- Claims under this guarantee should be made within one month of the defect arising in the product.

ULLRICH

Wintec Aluminium Stock



***Wintec Aluminium sections are stocked
throughout Ullrich Aluminium branches
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