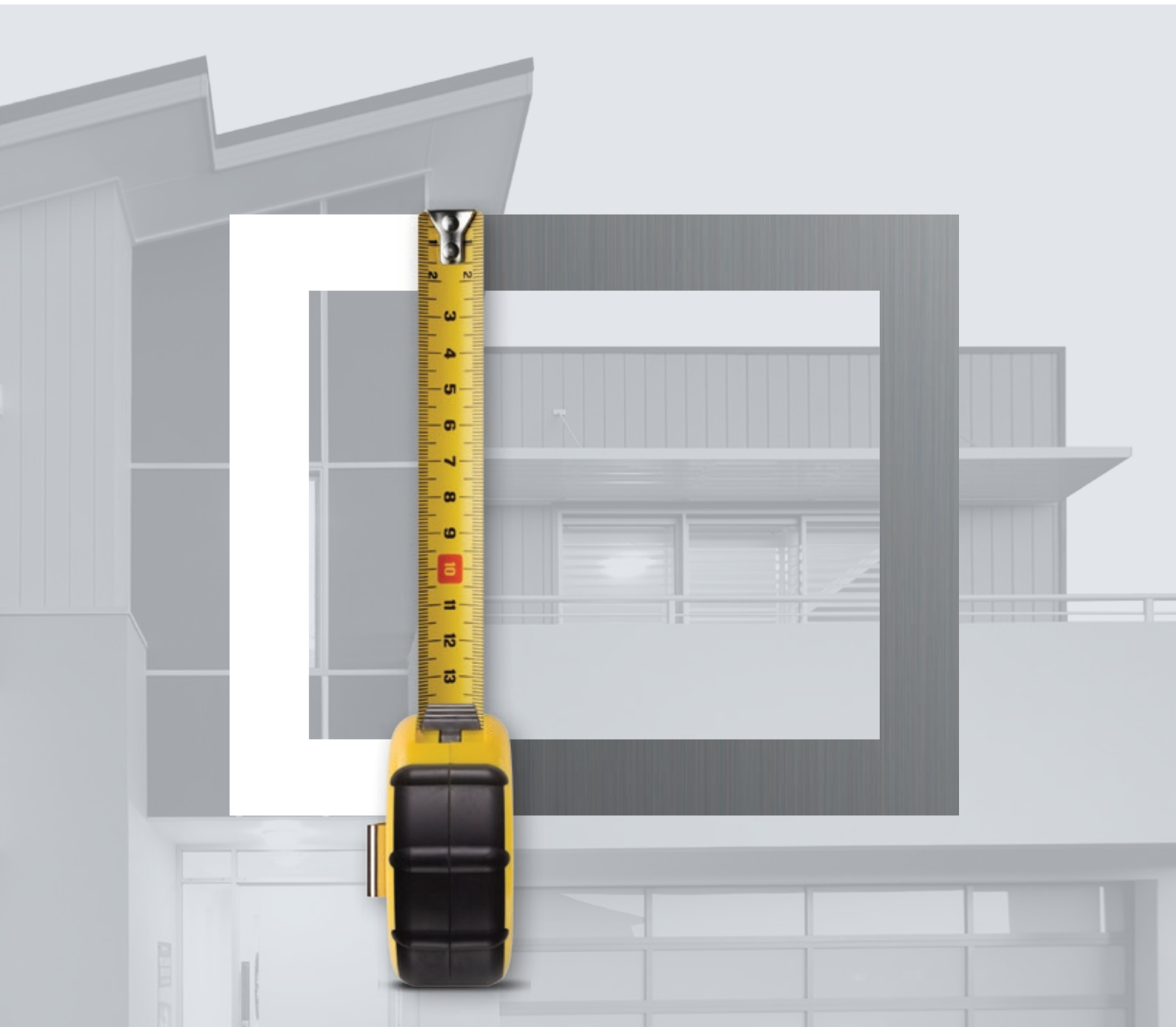


# ALUMINIUM WINDOWS AND DOORS

HORIZON  
WIDELINE RESIDENTIAL RANGE

## TECHNICAL GUIDE





# CONTENTS

<b>Take a closer look</b>	<b>4</b>
Why builders, architects and home owners choose Wideline	4
The know-how behind our windows and doors	5
State of the art powdercoat finishes	6
<b>Glass options</b>	<b>8</b>
Safety	8
Energy efficiency	8
SmartGlass™ – affordable energy efficient glass	8
Double glazing	8
BASIX and WERS ratings	8
Acoustics	9
Renew™ – self cleaning glass	9
<b>Window aesthetics</b>	<b>10</b>
Bar layouts	10
Reveals	10
Custom design	11
Bay windows	11
90° silicone joint windows	11
<b>Horizon standard window sizes</b>	<b>12</b>
Sliding windows	12
Servery sliding windows	12
Awning windows	13
Double Hung windows	14
Double Hung window and sliding door combination	14
Louvre windows	15
<b>Horizon standard door sizes</b>	<b>16</b>
Entry frames	16
Timber entry frames	17
Sliding doors	18
Sliding stacking doors	19
Bi-fold doors	20
90° opening doors	21
<b>Installation instructions</b>	<b>22</b>
<b>7 year guarantee</b>	<b>23</b>
<b>Care and maintenance</b>	<b>23</b>

## TAKE A CLOSER LOOK



### WHY BUILDERS, ARCHITECTS AND HOME OWNERS CHOOSE WIDELINE

WELCOME TO THE BRIGHT FUTURE IN WINDOW DESIGN AND CONSTRUCTION. WIDELINE IS ONE OF THE BEST KNOWN AND TRUSTED WINDOW AND DOOR BRANDS IN AUSTRALIA. WE ARE PROUD OF OUR 43+ YEAR AUSTRALIAN HERITAGE AND OUR REPUTATION FOR PRODUCING ARCHITECTURAL PRODUCTS OF THE HIGHEST STANDARD.

Advanced technology, innovation and beauty, these are the hallmarks of the Wideline range of Horizon windows and doors.

Using advanced manufacturing technology and innovative design solutions, Wideline creates doors and windows that meet the needs of discerning homeowners for attractive modern designs, energy efficiency and bush fire safety.

Design versatility and a range of quality accessories offer you the ultimate flexibility to create the look you want for your home.

Tested for safety, energy efficiency and quality, every Wideline product is backed by a comprehensive written 7 Year Guarantee.



## THE KNOW-HOW BEHIND OUR WINDOWS AND DOORS

**BUILDERS AND ARCHITECTS KNOW THAT THERE IS MORE TO WIDELINE'S WINDOWS AND DOORS THAN MEETS THE EYE. THE SIMPLE ELEGANT DESIGNS BELIE THE SCIENCE AND TECHNOLOGY THAT IS PRESENT IN EVERY PRODUCT.**

You can feel safe in the knowledge that every Wideline product has been rigorously researched and tested to ensure the very best performance in Australian conditions.

### Build quality

Wideline has been making windows and doors at our manufacturing premises in NSW for over 43 years. Our range of windows and doors are built from the highest quality materials and finishes.

All windows and doors are designed to be durable and easy to operate without compromising on their aesthetic appeal. They are backed by a comprehensive warranty and offer exceptional quality and value.

### Energy efficiency

All our windows and doors have been expertly tested through the window energy rating scheme [WERS] and are designed to enhance the comfort of your home and reduce energy costs by actively insulating your home from temperature extremes.

### Glass

Glass technology has advanced dramatically in recent years.

Wideline offer a comprehensive range of glazing options. The right glazing option can provide:

- Added strength and security
- Improved energy efficiency
- Self cleaning
- Improved comfort
- Improved privacy.

### SecureLine™ Security screens

Enjoy clear, unobstructed views whilst keeping your home safe and secure with SecureLine™ security screens.

Offering the ultimate in security without compromising on your view or design, SecureLine™ screens are made from the highest quality marine grade stainless steel mesh. SecureLine™ has surpassed all of the requirements of the Australian Security Door Standard AS5039 - 2008. SecureLine™ Security screens available mid 2015.

### Insect and safety screens

Keeping the 'outdoors', outdoors is essential in Australia's natural environments.

Our insect and safety screens protect you from just about everything from bugs to bushfires. BarrierLine™ safety grilles offer cost effective solutions to help increase the security of your home by offering a visual barrier from would-be intruders. A selection of mesh types are available such as fibreglass, aluminium and stainless steel.

### SafeLine™ Fall Prevention Screens

In 2013 it became mandatory in NSW to fit fall prevention devices to bedroom windows more than two metres above the outside ground level.

There is no compromise when it comes to your child's safety. Wideline understands this and has developed SafeLine™ fall prevention screen specifically with your family's safety in mind. No longer do you need to restrict your window opening for peace of mind. SafeLine™ allows openable windows to operate as they were intended, allowing airflow when you want it without risking the safety of your family. Made from a robust aluminium frame and resilient Dacron mesh for maximum strength and durability. SafeLine™ has been independently verified by NATA accredited laboratories to exceed Australian standards and readily complies with the Building Code of Australia.

### Bushfire protection

Wideline have solutions for all bushfire attack levels up to and including BAL-40.

Wideline's Centurion BAL-40 Survivor windows and doors have been independently tested to AS1530.8.1 and are fully compliant with AS3959-2009. Using the most innovative technologies, they offer the very best protection in the most extreme conditions.

### Acoustics

The advancements in glazing have dramatically improved home acoustics. Wideline have a range of solutions to help bring the peace and quiet back into your home.

See Glass Options on page 8 for more information.



## STATE OF THE ART POWDERCOAT FINISHES

**WIDELINE OFFER AN EXTENSIVE  
RANGE OF ALUMINIUM ANODISED  
OR POWDERCOAT FINISHES.**

Choose from our extensive palette of standard tones in gloss, satin or low-sheen. Or if you have to match a specific colour – no problem, Wideline can provide a powdercoat colour that will match any colour sample you can provide.

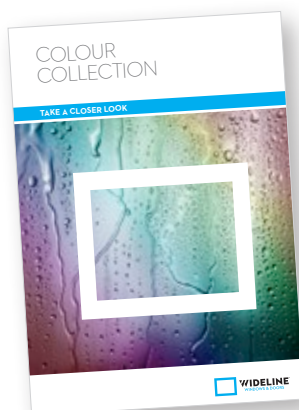
Our powdercoating facility is state-of-the-art, maintaining approved applicator status for both the Interpon® and Dulux® range of products. Wideline's ThermoTech® powdercoat process features a six-stage acid chromate pre-treatment which preserves and protects the aluminium and provides the best possible adhesion and finish. Services include:

- Standard powdercoat
- High performance powdercoat
- 25 Micron anodised
- DecoWood™

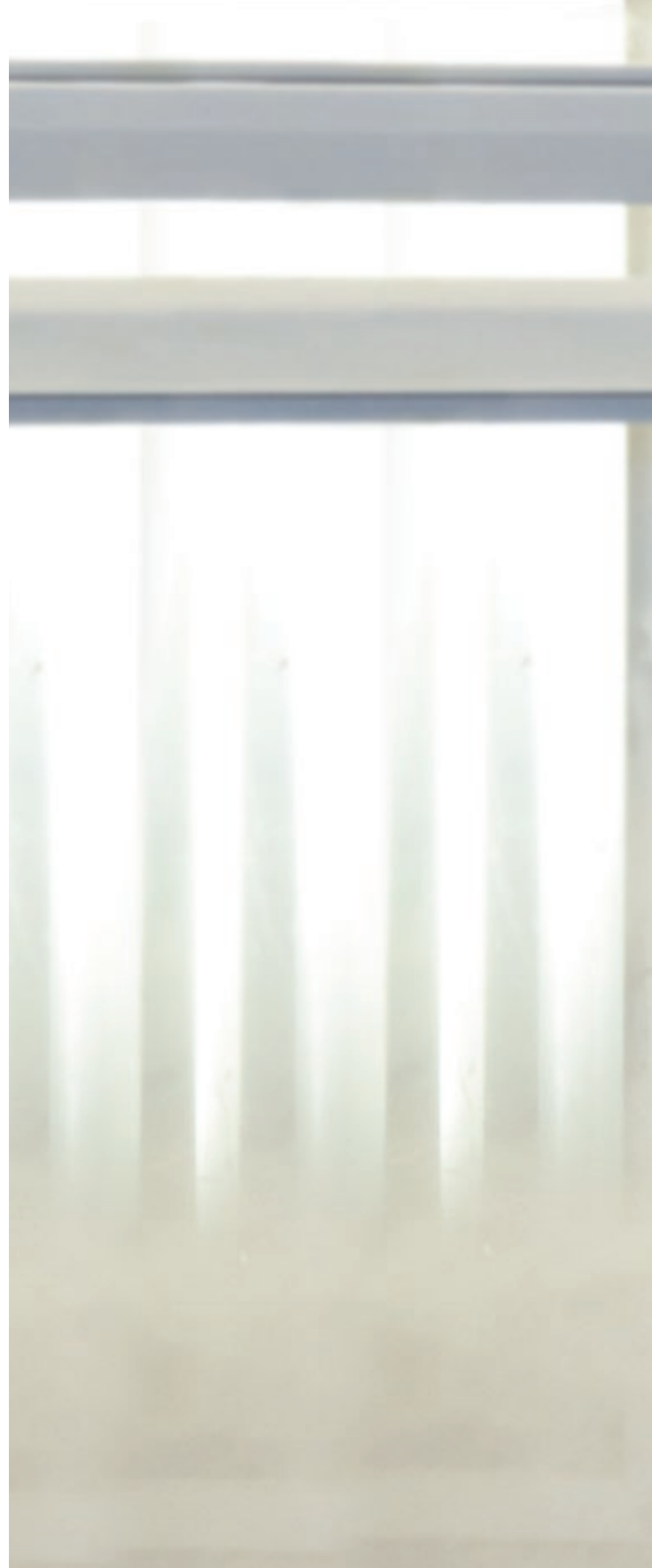
Wideline's ThermoTech® bonded powdercoat exceeds the stringent requirements set out in AS3715 metal finishing – thermoset powdercoating for architectural purposes.

We guarantee all in-house powdercoating with a minimum 7 year warranty.

Talk to your local Wideline sales representative or visit one of our showrooms to view our extensive colour ranges.



*Guaranteed Colorbond® compatible. Colour swatches are a guide only. Due to reproduction constraints colours may vary.*





# GLASS OPTIONS

## COMFORT & ENERGY EFFICIENCY

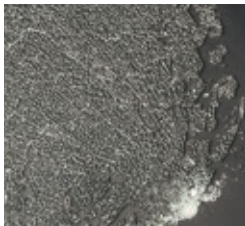
### THE CORRECT GLAZING PROVIDES A HOST OF OPPORTUNITIES TO IMPROVE THE COMFORT AND ENERGY EFFICIENCY OF THE HOME ENVIRONMENT.

Your Wideline representatives are experts, providing you with the best advice on the many options available. We can help you tailor the most appropriate window solution for your individual needs. When choosing glass, consider the following basics:

#### Glass safety

Glazing in some locations, such as in or near doors is more vulnerable to human impact, which if broken could result in serious injury. For this reason, Wideline use only Grade-A safety glass in these areas.

There are two types of safety glass:



#### 1) Toughened glass

Toughened Glass is processed in a heat furnace and is 4-5 times stronger than ordinary float glass. If it does happen to break, it will shatter into a relatively harmless crumble.



#### 2) Laminated glass

Created by bonding two pieces of normal glass together with an interlayer made from polyvinyl butyryl. If the glass should happen to break the polyvinyl holds the glass together helping to minimise injury.

#### Energy efficient glass

As insulation in your walls helps reduce energy loss, so too does energy efficient glass in your windows and doors.

The correct glass in your windows will make your home more comfortable year round, dramatically reduce your energy costs and help to create a brighter, cleaner, healthier home environment.

#### SmartGlass™

##### affordable energy efficient glass

SmartGlass™ is a range of single glazed toughenable Low E products offering insulation and a choice of solar protection with low reflectivity. SmartGlass™ is ideally suited to the demands of Australian residential houses providing excellent performance and versatility for single glazed windows improving glass insulation by up to 39%.

- SmartGlass™ is a revolution in window technology. It looks like ordinary glass but has a high tech (Low E) coating fused to the glass which actively insulates a home.
- SmartGlass™ suits almost any style of window frame – timber, aluminium or PVC. It can even be cut to fit existing windows making it the smartest choice for renovations to give you year round comfort.
- SmartGlass™ comes with Viridian's 10 year warranty which includes an extra processing warranty, exclusive to all Viridian SmartGlass™.
- Low-E stands for Low Emissivity. A low emissivity coating reduces the amount of infrared energy (heat) that passes through the window. There are two main kinds of Low-E coatings – hard coat and soft coat Low-E. The Low-E coating on SmartGlass™ is a hard coat.

#### Double glazing

Double glazing reduces the loss of heat from the home in the winter. In summer, double glazing will stop heat from entering the home, as it helps to reduce the amount of radiated heat gain. The insulation properties of double glazing can actively save a significant amount on your heating or cooling bills.

Double glazed windows are windows that have two glass panels separated by a thin layer of air or a nontoxic gas such as argon.

#### BASIX and WERS ratings

Wideline's Horizon Range are BASIX compliant and have been thoroughly tested by WERS (Window Energy Rating Scheme).

For more information and a complete listing of all of our performance data, please refer to our Energy Efficiency Fast Facts on our website.





### Acoustics

Unwanted noise from traffic, aircraft, trains, factories or even boisterous neighbours can be reduced with the right selection of glass.

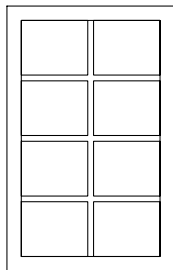
Viridian VLam Hush™ is a laminate that uses a specially developed interlayer to dampen noise, providing enhanced sound insulation performance. By using this innovative laminate, thinner lighter glass can be used for an equivalent acoustic performance of thicker glass.

### Renew™ the world's first self-cleaning glass

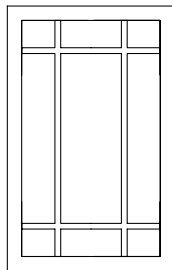
Renew™ has a specially developed, completely transparent exterior coating. This is applied during manufacture to clear glass, producing an innovative dual cleaning action. Once exposed to daylight it reacts with the UV rays to breakdown and disintegrate organic dirt deposits such as bird droppings and tree sap. When water hits the glass, Renew™ has a hydrophilic quality that assists in washing dirt away without leaving spots or streaks. Renew™ is primarily for commercial applications.

# WINDOW AESTHETICS

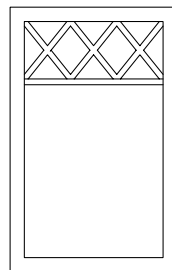
## BAR LAYOUTS



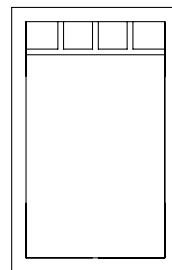
Colonial  
Layout



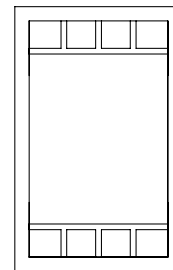
Federation  
Layout



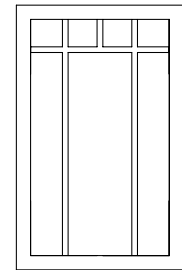
Diamond  
Head



Heritage  
Layout



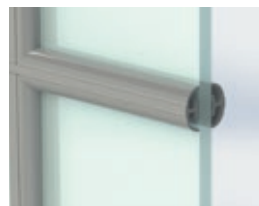
Variations in  
Heritage/Federation Layouts



## BAR LAYOUTS AVAILABLE IN:



Standard Colonial Bar



Montgomery Bar



Endeavour Bar



Individually Glazed  
Colonial Bar  
(Hinged doors only)

## REVEAL SIZE CHART

Reveals are available in meranti and finger jointed primed pine according to the following table.

Reveal	Application	Breakdown
80mm	70mm steel or timber frame	70mm stud-gyprock interior weatherboard exterior
100mm	90mm steel or timber frame	90mm stud-gyprock interior weatherboard exterior
117mm	230mm brick veneer	70mm stud/40mm cavity brick veneer
135mm	250mm brick veneer	90mm stud/40mm cavity brick veneer
165mm	270mm double brick	50mm cavity brickwork
Storm moulds Double brick lugs	270mm double brick	50mm cavity brickwork
Single brick lugs	110-220mm brickwork	110 – single brickwork 220 – pier brickwork – blockwork



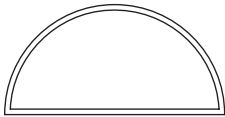
### Note:

- The dimensions which appear on your quotation are for the actual aluminium frame size. Reveals are additional to the window frame size (19mm thick each side).
- A surcharge applies to non-standard reveal sizes.

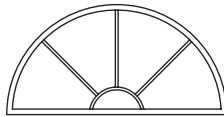


## CUSTOM DESIGN

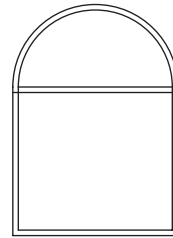
We have a large array of special shapes available, some of which can be seen below. Ask one of our friendly sales staff for more information.



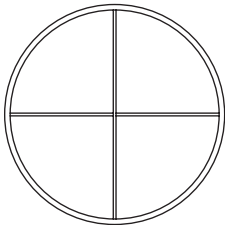
Arch



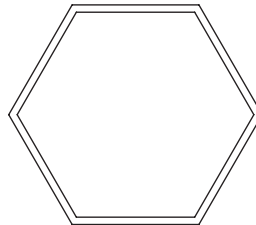
Sunburst



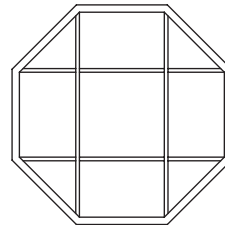
Arched Head



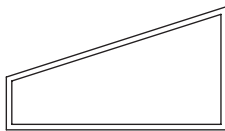
Porthole



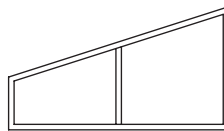
Hexagon



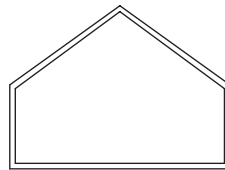
Octagon



Rake

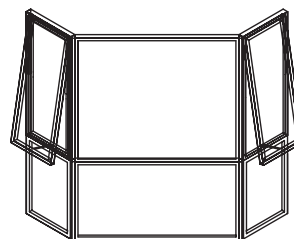
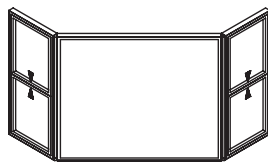
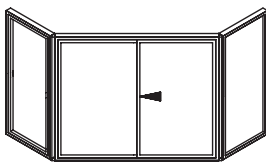


Rake with Mullion

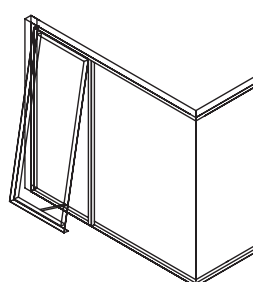
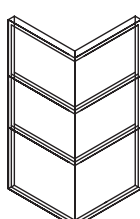
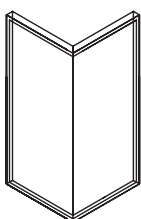


Gable Rake

## BAY WINDOWS



## 90 DEGREE SILICONE JOINT WINDOWS



# HORIZON STANDARD WINDOW SIZES

## ALUMINIUM SLIDING WINDOWS

STUD OPENING	FRAME SIZE							
	670	910	1270	1630	1870	2230	2470	2710
660	610	850	1210	1570	1810	2170	2410	2650
600								
920	AS0606	AS0609	AS0612	AS0616	AS0618	AS0622	AS0624	AS0627
860								
1090	AS0906	AS0909	AS0912	AS0916	AS0918	AS0922	AS0924	AS0927
1030								
1260	AS1006	AS1009	AS1012	AS1016	AS1018	AS1022	AS1024	AS1027
1200								
1430	AS1209	AS1212	AS1216	AS1218	AS1222	AS1224	AS1227	
1370								
1520	AS1409	AS1412	AS1416	AS1418	AS1422	AS1424	AS1427	
1460								
1860	AS1509	AS1512	AS1516	AS1518	AS1522	AS1524	AS1527	
1800								
2110	AST1809	AST1812	AST1816	AST1818	AST1822	AST1824	AST1827	
2050								
	AST2009	AST2012	AST2016	AST2018	AST2022	AST2024	AST2027	

















































































## ALUMINIUM SERVY SLIDING WINDOWS

STUD OPENING	FRAME SIZE		
	2230	2470	2710
1090	2170	2410	2650
1030			
1260	AS1022	AS1024	AS1027
1200			
1430	AS1222	AS1224	AS1227
1370			
1520	AS1422	AS1424	AS1427
1460			
	AS1522	AS1524	AS1527

- Configurations shown are reversible (ie. slide/fixed can be reversed to be fixed/slide).
- Single and double glazing available up to 14mm total thickness.
- Various colonial bar layouts available. Endeavour and Montgomery bars are not suitable for sliding windows.
- Sliding windows rate to a maximum BAL-40 rating.
- Sash restrictors available to limit sash opening to 100mm.
- Stud opening size shown applies to frames fitted with reveals for brick veneer applications.
- Please refer to [www.wideline.com.au](http://www.wideline.com.au) for more information on window installation.



























































## ALUMINIUM AWNING WINDOWS

STUD OPENING	FRAME SIZE	670	910	1270	1630	1870	2230	2470	2710
		610	850	1210	1570	1810	2170	2410	2650
660	600	 AA0606	 AA0609	 AA0612	 AA0616	 AA0618	 AA0622	 AA0624	 AA0627
920	860	 AA0906	 AA0909	 AA0912	 AA0916	 AA0918	 AA0922	 AA0924	 AA0927
1090	1030	 AA1006	 AA1009	 AA1012	 AA1016	 AA1018	 AA1022	 AA1024	 AA1027
1260	1200	 AA1206	 AA1209	 AA1212	 AA1216	 AA1218	 AA1222	 AA1224	 AA1227
1430	1370	 AA1406	 AA1409	 AA1412	 AA1416	 AA1418	 AA1422	 AA1424	 AA1427
1520	1460	 AA1506	 AA1509	 AA1512	 AA1516	 AA1518	 AA1522	 AA1524	 AA1527
1860	1800	 AAT1806	 AAT1809	 AAT1812	 AAT1816	 AAT1818	 AAT1822	 AAT1824	 AAT1827
1860	1800	 AA1806	 AA1809	 AATT1812	 AATT1816	 AATT1818	 AATT1822	 AATT1824	 AATT1827
2110	2050	 AAT2006	 AAT2009	 AAT2012	 AAT2016	 AAT2018	 AAT2022	 AAT2024	 AAT2027
2110	2050	 AATT2006	 AATT2009	 AATT2012	 AATT2016	 AATT2018	 AATT2022	 AATT2024	 AATT2027

- Configurations shown are reversible (ie. awning/ fixed can be reversed to be fixed/awning).
- Single and double glazing available up to 20mm total thickness.
- Colonial, Montgomery and Endeavour bars are available for awning windows. Please refer to page 10 for available bar layouts.
- Awning windows rate to a maximum BAL-40 rating.
- Sash restrictors available to limit sash opening to 100mm.
- Stud opening size shown applies to frames fitted with reveals for brick veneer applications.
- Please refer to [www.wideline.com.au](http://www.wideline.com.au) for more information on window installation.

# HORIZON STANDARD WINDOW SIZES

## ALUMINIUM DOUBLE HUNG WINDOWS

STUD OPENING SIZE	FRAME SIZE							
	670	910	1270	1630	1870	2230	2470	2710
	610	850	1210	1570	1810	2170	2410	2650
920	 AD0906	 AD0909	 AD0912	 AD0916	 AD0918	 AD0922	 AD0924	 AD0927
1090	 AD1006	 AD1009	 AD1012	 AD1016	 AD1018	 AD1022	 AD1024	 AD1027
1260	 AD1206	 AD1209	 AD1212	 AD1216	 AD1218	 AD1222	 AD1224	 AD1227
1430	 AD1406	 AD1409	 AD1412	 AD1416	 AD1418	 AD1422	 AD1424	 AD1427
1520	 AD1506	 AD1509	 AD1512	 AD1516	 AD1518	 AD1522	 AD1524	 AD1527
1860	 AD1806	 AD1809	 AD1812	 AD1816	 AD1818	 AD1822	 AD1824	 AD1827
2110	 AD2006	 AD2009	 AD2012	 AD2016	 AD2018	 AD2022	 AD2024	 AD2027

## ALUMINIUM DOUBLE HUNG AND SLIDING DOOR COMBINATIONS

STUD OPENING SIZE	FRAME SIZE				
	1630	1870	2230	2470	
2140	2110	ASDC2116	ASDC2118	ASDC2122	ASDC2124

STUD OPENING SIZE	FRAME SIZE				
	2770	3310	3670	3630	
2140	2110	ASDC2127	ASDC2132	ASDC2136	ASDC2135

COLONIAL, ENDEAVOUR BARS OPTIONAL EXTRA

- Configurations shown are reversible (ie. double/fixed can be reversed to be fixed/double).
- Single glazing only available up to 6mm total thickness.
- Colonial and Montgomery bars are available for double hung windows. Please refer to page 10 for available bar layouts.
- Double hung windows rate to a maximum BAL-29 rating
- Sash restrictors available to limit sash opening to 100mm.
- Sliding door combination frames are available with hardwood sill, note that stud opening height increases by 30mm.
- Sliding door combination frames are available with sliding fly doors only. Safety and Security doors are not compatible as fly doors slide on the outside.
- Combination is available with the double hung window only.

## LOUVRE WINDOWS (102mm AND 152mm BLADES)

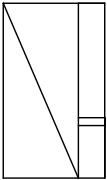
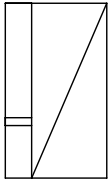
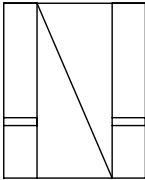
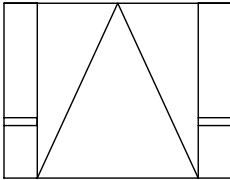
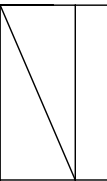
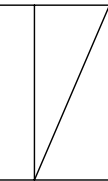
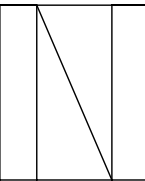
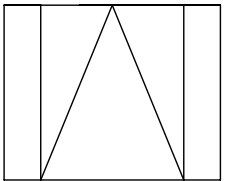

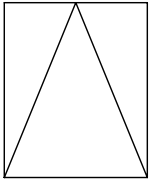
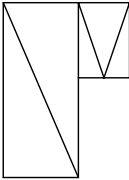
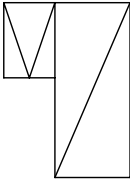
STUD OPENING	FRAME SIZE	670	910	1270	1630	1870	2230	2470	2710
		610	850	1210	1570	1810	2170	2410	2650
102MM BLADE OPTION	664	ALV102 0606	ALV102 0609	ALV102 0612	ALV102 0616	ALV102 0618	ALV102 0622	ALV102 0624	ALV102 0627
	934	ALV102 0906	ALV102 0909	ALV102 0912	ALV102 0916	ALV102 0918	ALV102 0922	ALV102 0924	ALV102 0927
	1024	ALV102 1006	ALV102 1009	ALV102 1012	ALV102 1016	ALV102 1018	ALV102 1022	ALV102 1024	ALV102 1027
	1204	ALV102 1206	ALV102 1209	ALV102 1212	ALV102 1216	ALV102 1218	ALV102 1222	ALV102 1224	ALV102 1227
	1474	ALV102 1406	ALV102 1409	ALV102 1412	ALV102 1416	ALV102 1418	ALV102 1422	ALV102 1424	ALV102 1427
	1564	ALV102 1506	ALV102 1509	ALV102 1512	ALV102 1516	ALV102 1518	ALV102 1522	ALV102 1524	ALV102 1527
	1834	ALV102 1806	ALV102 1809	ALV102 1812	ALV102 1816	ALV102 1818	ALV102 1822	ALV102 1824	ALV102 1827
	2104	ALV102 2006	ALV102 2009	ALV102 2012	ALV102 2016	ALV102 2018	ALV102 2022	ALV102 2024	ALV102 2027
	2194	ALV102 2106	ALV102 2109	ALV102 2112	ALV102 2116	ALV102 2118	ALV102 2122	ALV102 2124	ALV102 2127
	2464	ALV102 2406	ALV102 2409	ALV102 2412	ALV102 2416	ALV102 2418	ALV102 2422	ALV102 2424	ALV102 2427
152MM BLADE OPTION	634	ALV102 0606	ALV102 0609	ALV102 0612	ALV102 0616	ALV102 0618	ALV102 0622	ALV102 0624	ALV102 0627
	914	ALV102 0906	ALV102 0909	ALV102 0912	ALV102 0916	ALV102 0918	ALV102 0922	ALV102 0924	ALV102 0927
	1054	ALV102 1006	ALV102 1009	ALV102 1012	ALV102 1016	ALV102 1018	ALV102 1022	ALV102 1024	ALV102 1027
	1194	ALV102 1206	ALV102 1209	ALV102 1212	ALV102 1216	ALV102 1218	ALV102 1222	ALV102 1224	ALV102 1227
	1474	ALV102 1406	ALV102 1409	ALV102 1412	ALV102 1416	ALV102 1418	ALV102 1422	ALV102 1424	ALV102 1427
	1614	ALV102 1506	ALV102 1509	ALV102 1512	ALV102 1516	ALV102 1518	ALV102 1522	ALV102 1524	ALV102 1527
	1894	ALV102 1806	ALV102 1809	ALV102 1812	ALV102 1816	ALV102 1818	ALV102 1822	ALV102 1824	ALV102 1827
	2034	ALV102 2006	ALV102 2009	ALV102 2012	ALV102 2016	ALV102 2018	ALV102 2022	ALV102 2024	ALV102 2027
	2174	ALV102 2106	ALV102 2109	ALV102 2112	ALV102 2116	ALV102 2118	ALV102 2122	ALV102 2124	ALV102 2127
	2454	ALV102 2406	ALV102 2409	ALV102 2412	ALV102 2416	ALV102 2418	ALV102 2422	ALV102 2424	ALV102 2427

- Configurations shown are reversible (ie. louver/fixed can be reversed to be fixed/louver).
- Louvre windows rate to a maximum BAL-19 rating
- A choice of glass, western red cedar or extruded aluminium blades are available in two sizes. 102mm in height with spans up to 750mm and 152mm in height with spans up to 900mm per blade depending on wind load.
- Wideline louvres can be fitted with integrated face fixed insect screens without interference to the operation of the louver galleries.
- Maximum wind loading 1500Pa (dependant on blade width). Maximum water resistance performance 200Pa.
- Laminated glass should not to be used in louver windows.
- Louvre galleries, handles and clips are coloured black as standard but can be colour matched in a range of powdercoat colours, if requested.
- Handle fitted as standard to right hand side (as viewed from the outside), however can be reversed if specified.
- Stud opening size shown applies to frames fitted with reveals for brick veneer applications.
- Please refer to [www.wideline.com.au](http://www.wideline.com.au) for more information on window installation.

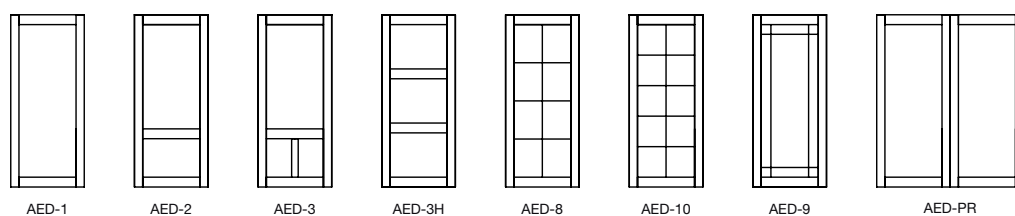
Wideline's policy of continued improvement may result in changes of specification without notice.  
Windows and Doors illustrated as viewed from outside.

# HORIZON STANDARD DOOR SIZES

## ALUMINIUM ENTRY FRAMES

STUD OPENING	1270	1270	1750	2570
	1210	1210	1690	2510
2115				
2085	AEF12RS	AEF12LS	AEF16S	AEF25S
STUD OPENING	1396	1396	1836	2654
	1336	1336	1776	2594
2115				
2085	AUE13RS	AUE13LS	AUE17S	AUE25S
STUD OPENING	960	1780	1566	1566
	900	1720	1506	1506
2115				
2085	ADF8S	ADF17S	ALF15RS	ALF15LS

## ALUMINIUM ENTRY DOORS

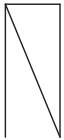
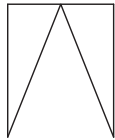
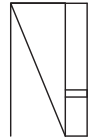


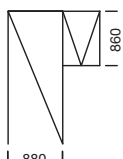


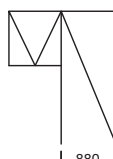
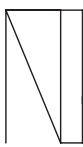
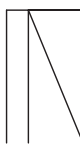
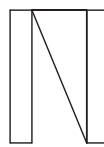
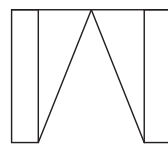


- Door panels available in 620, 720 and 820mm standard widths.
  - Entry frames rate to a maximum BAL-40 rating
  - Entry frames can be ordered as frame only or with pre-hinged aluminium door.
  - Entry frames are available in open-in or open-out configurations.
  - Entry frames are available with or without sill.
  - Open-in doors are not recommended for exposed locations or where verandahs, porticos, etc do not provide protection to the door opening.
- Please note;
- Entry frames sold with no sill do not carry a water rating.
  - All frames are designed to accommodate a standard 2040 x 820mm door.

















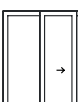



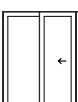



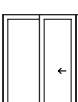
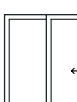


## TIMBER ENTRY FRAMES

STUD OPENING	900	1710	1230	1230	1710
	880	1690	1210	1210	1690
	2110	2080			
					
	MDF8	MDF16	MEF12R	MEF12L	MEF16
STUD OPENING	1470	1470	1710	1710	
	1450	1450	1690	1690	
	2110	2080			
					
	MLF14R	MLF14L	MLF16L	MLF16L	
STUD OPENING	1320	1330	1760	2560	
	1300	1310	1740	2540	
	2110	2080			
					
	MUE13R	MUE13L	MUE17	MUE25	

- Meranti entry frames rate to a maximum BAL-19 rating.
- When supplied with sill, frame height increases to 2100mm.
- All frames are designed to accommodate a standard 2040 x 820mm door.
- MUE sidelites are designed to accommodate standard 400mm wide panels.
- Outer frames (jambs, head, etc) are 38mm thick.

# HORIZON STANDARD DOOR SIZES

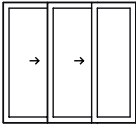
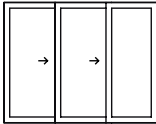
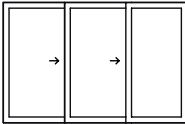
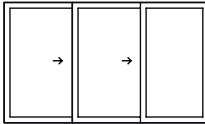
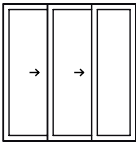
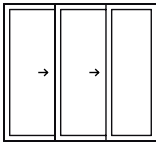
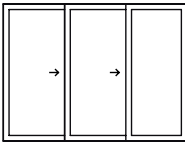
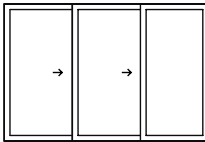
## ALUMINIUM SLIDING DOORS

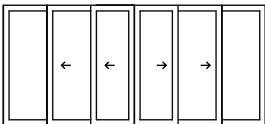
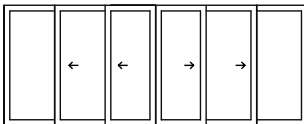
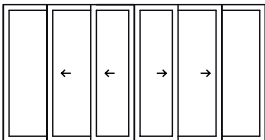
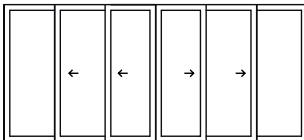
STUD OPENING SIZE	FRAME SIZE			
	1630	1870	2230	2470
2140	1570	1810	2170	2410
2100				
2440				
STUD OPENING SIZE	FRAME SIZE			
	2410	2770	3310	3670
2140	2350	2710	3250	3610
2100				
2440				
STUD OPENING SIZE	FRAME SIZE			
	3160	3640	4360	4840
2140	3100	3580	4300	4780
2100				
2440				

- Configurations shown are reversible (ie. slide/fixed can be reversed to be fixed/slide).
- Single and double glazing available up to 20mm total thickness.
- Colonial, Montgomery and Endeavour bars are available for sliding doors. Please refer to page 10 for available bar layouts.
- Sliding doors rate to a maximum BAL-40 rating.
- Sliding doors are available with hardwood sill, note that stud opening height increases by 30mm.
- Sliding fly doors, safety doors and security doors are available to suit.
- Stud opening size shown applies to frames fitted with reveals for brick veneer applications.
- Please refer to [www.wideline.com.au](http://www.wideline.com.au) for more information on window installation.



## ALUMINIUM SLIDING STACKING DOORS







STUD OPENING SIZE	FRAME SIZE	2376	2736	3276	3636
		2316	2676	3216	3576
2150	2110	 ASSD2123	 ASSD2127	 ASSD2132	 ASSD2136
2450	2410	 ASSD2423	 ASSD2427	 ASSD2432	 ASSD2436

STUD OPENING SIZE	FRAME SIZE	4642	5362
		4582	5302
2150	2110	 ASSD2146	 ASSD2153
2450	2410	 ASSD2446	 ASSD2453

- Configurations shown are reversible (ie. slide/slide/fixed can be reversed to be fixed/slide/slide).
- Single and double glazing available up to 20mm total thickness.
- Colonial, Montgomery and Endeavour bars are available for stacking doors. Please refer to page 10 for available bar layouts.
- Stacking doors rate to a maximum BAL-40 rating.
- Stacking doors frames include a fly door frame and measure 162mm in total width (front to back).
- Stacking doors are available with hardwood sill, note that stud opening height increases by 30mm.
- Stacking fly doors, safety doors and security doors are available to suit.
- Stud opening size shown applies to frames fitted with reveals for brick veneer applications.
- Please refer to [www.wideline.com.au](http://www.wideline.com.au) for more information on window installation.

# HORIZON STANDARD DOOR SIZES

## ALUMINIUM BI-FOLD DOORS

STUD OPENING SIZE	FRAME SIZE			
	1800	2624	3448	4272
2135	1740	2564	3388	4212
2095				
	ABF-2	ABF-3	ABF-4	ABF-5
	*2L 	3L 	*4L 	5L 
	*2R 	2L1R 	3L1R 	4L1R 
		1L2R 	*2L2R 	3L2R 
		3R 	1L3R 	2L3R 
			*4R 	1L4R 
				5R 
STUD OPENING SIZE	FRAME SIZE			
	5096	5920		
2135	5036	5860		
2095				
	ABF-6	ABF-7		
	*6L 	7L 		
	5L1R 	6L1R 		
	*4L2R 	5L2R 		
	3L3R 	4L3R 		
	*2L4R 	3L4R 		
	1L5R 	2L5R 		
	*6R 	1L6R 		
		7R 		

- Door configurations with even numbers of panels on each side (examples shown above with \*) do not have an access door, hence have internal access only.
- Stud opening size shown applies to frames fitted with reveals for brick veneer applications.
- Please refer to [www.wideline.com.au](http://www.wideline.com.au) for more information on window installation.

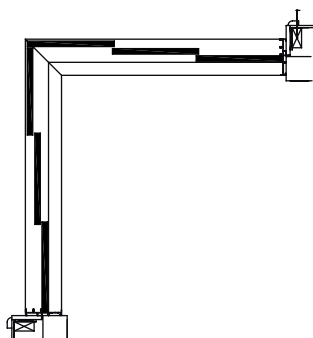
- Bi-fold doors rate to a maximum BAL-40 rating.
- Maximum frame width: 6000mm
- Standard frame height: 2095mm
- Maximum frame height: 2400mm @ 700pa (N2)
- Maximum leaf width: 900mm
- Maximum leaf weight: 45kg
- Outer frame section size: 100mm



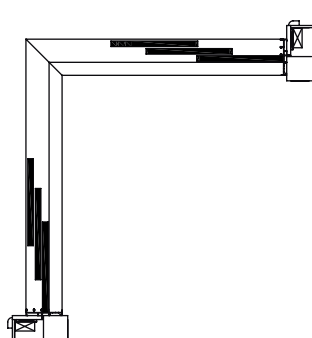


## ALUMINIUM 90° SLIDING STACKING DOORS

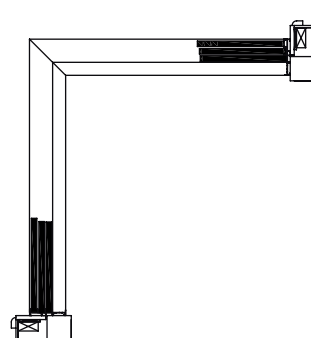
Closed



Stacking

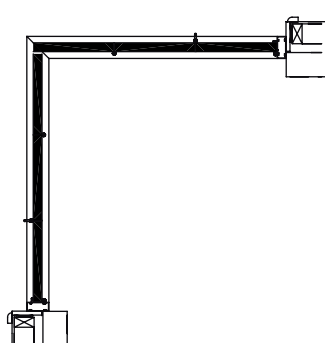


Open

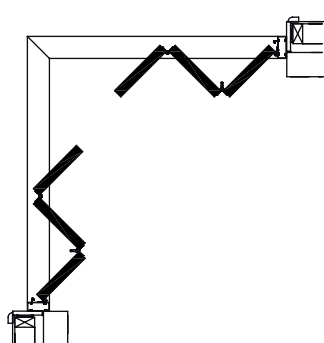


## ALUMINIUM 90° BI-FOLD DOORS

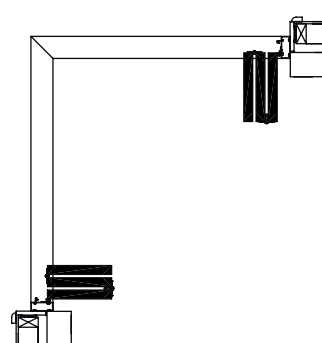
Closed



Folding



Open



- 90 Degree doors are available in bi-fold and stacking configurations.
- Colonial, Montgomery and Endeavour bars are available for 90 degree doors.
- 90 Degree doors rate to a maximum BAL-40 rating
- Stacking doors frames include a fly door frame and measure 162mm in total width (front to back)
- Stacking doors are available with hardwood sill, note that stud opening height increases by 30mm.
- Stacking fly doors, are available to suit 90 degree stacking doors.
- Frames are supplied in flat-pack form for on-site assembly. Panels are supplied loose.
- Installation by qualified Wideline installers available at additional charge.
- Please consult with your Wideline sales representative for more information.
- Both internal and external corners available (internal pictured).

# INSTALLATION INSTRUCTIONS

## ON-SITE HANDLING AND STORAGE

Window and Door frames are usually delivered to site in a fully finished condition. Improper handling and storage could result in permanent damage which will not be covered under warranty.

The following precautions should be taken to prevent damage;

- Store windows and doors in a clean, dry location free from contamination such as cement, lime, acid etc.
- Windows should be stacked in a vertical position and leant against a wall or other structure if possible.
- Care should be taken to ensure powdercoated aluminium is protected from abrasion and is not in direct contact with other surfaces which may cause damage. Do not place windows directly onto green concrete slabs.
- Windows should be lifted by two people at all times, one at either end. Do NOT lift windows by the head or top reveal.

## NOTES FOR INSTALLATION

1. Flashing of the outer frame is recommended and should be carried out by a qualified builder. The flashing should comply with the relevant building codes and standards.
2. To prevent unsatisfactory operation care should be taken to ensure all frames are installed square, plumb and level, without bows or twists in the head, sill or jambs. Allow sufficient clearance so that pressure will not bear on the head or sill and cause bowing in the frame.
3. Check that stud opening has at least 5mm clearance at each side and 10mm at top and that all floor members are solid and level, insert frame into opening. Check that ALL frame members are plumb and level with a final check of diagonals to ensure squareness.
4. Ensure the sill is fully supported. This is important to ensure the sill does not roll inward or outward which could result in improper operation or performance.
5. Secure frame in position by nailing through reveals where appropriate. For single and double brick use galvanised brick lugs. All fixings should be at no more than 450mm centres.
6. It is recommended that sash is kept closed during installation and once installation is complete, it should be opened and closed several times to ensure satisfactory operation. If sash clearances are uneven or sash does not operate correctly, check frame for squareness and ensure frame is plumb and level in all planes.

## BUILDERS/HOME OWNERS, PLEASE NOTE

Windows and doors can be damaged by careless handling, and care should be taken to protect them from damage that could occur during the construction process.

During construction there are some precautions you should take to ensure that the windows and doors will retain their ex-factory condition until building work is complete and the job handed over.

## REMEMBER

- Keep wet cement, mortar and brick-cleaning acid from contact with timber or aluminium (particularly if the finish is anodised), before, during and after installation.
- If accidentally splashed, wash off immediately with clean water otherwise permanent staining or damage may occur.
- Do not use acid to remove mortar stains on window frames.
- Hose down brickwork to remove residual cleaning acid that may leach out and cause damage to the finish later.
- Keep the tracks of sliding windows and doors clear of sand and cement droppings.
- Do not use window or door frames to support planks or temporary scaffolding.
- Clean up when the job is complete with mild detergent and rinse with clean water.
- Door sill and frames are particularly vulnerable and must be protected from wheel barrows and muddy/dirty boots. Mud, cement, render, etc are very abrasive and can cause scratching and wear of the powdercoat surface.
- Acid used in cleaning brickwork can cause permanent damage to window and door surfaces. Particular care should be taken to protect windows and doors during cleaning operations and if exposure does occur, acid should be washed off immediately with ample fresh water.



## CONDITIONS

**Your Wideline products are guaranteed against defects arising from faulty workmanship or materials for a period of seven (7) years from the date of delivery by Wideline, subject to the following conditions:**

- a. The product has been installed in accordance with the relevant Australian Standards and recognised building practice.
- b. The product has been maintained in accordance with industry recommendations.
- c. The product has not been subject to misuse, physical abuse or neglect.
- d. Manufacturing standards and tolerances are not deemed defects, nor are industry variations in the colour of aluminium and timber componentry.
- e. Wideline accepts no responsibility for glass breakage (except for faulty workmanship or materials). Wire reinforced glass, toughened glass, float glass, laminated glass and mirror glass is guaranteed against defects and degradation for a period of three (3) years.
- f. Moving parts which wear out as a part of normal use are guaranteed for two (2) years.
- g. This guarantee is limited to the repair or replacement of the faulty product at the company's discretion but does not extend to the installation or refinishing of a replacement product.
- h. Finish failures or corrosion of aluminium or other components due to environmental conditions such as air pollutants, acid rain or other corrosive substances are defects which have arose due to the conditions and are therefore not the responsibility of Wideline.
- i. Corrosion, wear, or failure of standard components in seacoast applications (within 5 kilometres of coastal waters) is not covered under this warranty as deterioration is possible under climate conditions.
- j. Normal wear or discolouration of finishes including the tarnishing of brass is a result of conditions or applications and are therefore not the responsibility of Wideline.
- k. Only repairs carried out by Wideline personnel or authorised Wideline agents are covered by this guarantee.
- l. Claims under this guarantee should be made within one month of the defect arising in the product. Copies of documentation showing the purchase date of the product should be included with your written claim and forwarded to the nearest Wideline office.

This guarantee is in addition to all other rights and remedies in respect of this product to which you are entitled under the Trade Practices Act and similar State and Territory laws. For the benefit of the consumer. Effective 1 August 2013.

## CARE AND MAINTENANCE

**Wideline products are manufactured from the most suitable materials and finishes available and when properly maintained, will give many years of quality service.**

### Aluminium products

A good general rule is that aluminium window or door frame should be washed to remove dirt deposits as often as it is necessary to wash the glass.

Aluminium requires only minimal maintenance but, like your motor car, the finish may deteriorate if dirt, which collects on the surface, is allowed to remain unwashed over a period of time. This is because dirt absorbs moisture present in the atmosphere. Moisture can contain salt near the ocean or other impurities in industrial areas, and it is the combination of dirt and contaminated moisture that can cause deterioration of almost any surface finish.

In rural areas where normally there is very little contaminated moisture, you may not need to clean your aluminium fittings more than every six months. In industrial and coastal areas, washing at intervals of one to three months may be required – or even more frequently in locations close to the ocean or in heavily polluted industrial areas, especially where the windows or other product is sheltered from the washing effects of the rain.

To clean aluminium, use the mildest treatment you can which produces satisfactory results. Start with warm water, with soap or detergent. On anodised material try solvent cleaners (eg: kerosene, turpentine, white spirit), or non-etching chemical cleaners, or a wax-based polish cleaner. Never use harsh liquid chemicals, abrasive cleaners or steel wool.

### Glass

To clean clear float glass, wipe over the surface with a few drops of methylated spirits on a damp cloth, and then polish the surface dry with a lint free cloth. Proprietary glass cleaners are not recommended as some of them can cause damage to the silver backing on mirrors and the interlay of laminated glass. Ensure that all cleaning cloths are free of any abrasive substances.

Avoid causing extreme temperature changes as this may lead to thermal fracture of the glass (i.e. do not direct hot or cold water onto glass).



**Wideline is proud to announce that it is a founding member of the Australian Window Association (AWA).**

This association has been established to ensure that manufacturers produce windows and doors that meet – if not exceed – stringent safety and structural standards. From material selection and workmanship quality to weather sealing and applied finishes, all aspects of production are scrutinised to ensure that they meet the relevant Australian standards.



The AWA label on each and every Wideline product means that you can be confident that our vast range has been tested, certified and guaranteed by independent inspectors accredited by the National Association of Testing Authorities.



All products shown in this catalogue are representative of what can be achieved and are subject to individual finishes and installation techniques. Wideline Pty Ltd reserves the right to modify sizes and details without notice. Wideline Pty Ltd does not accept liability for the appearance of your finished product.



**WIDELINE**  
WINDOWS & DOORS

**CENTRAL COAST**

Registered Head Office  
174 Pacific Highway  
Tuggerah NSW 2259  
PO Box 378 Wyong NSW 2259  
Phone: 1300 943 354  
Facsimile: 02 4350 8429

**SYDNEY REGION**

89 Victoria Road  
Parramatta NSW 2150  
PO Box 3158  
North Parramatta NSW 1750  
Phone: 1300 943 354  
Facsimile: 02 8835 4400

**NEWCASTLE REGION**

107 Broadmeadow Road  
Broadmeadow NSW 2292  
Phone: 1300 943 354  
Facsimile: 02 4978 8550

WIDELINE PTY LTD | ABN 11 000 945 068

**For more information call 1300 943 354 | [wideline.com.au](http://wideline.com.au)**