



VAN ACHT

Glass and Aluminium

Since 1986

Edition 6



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With great success, innovation and experience gained in the wooden window and door industry, it was only a natural process for the company to branch out, and expand our market to meet the growing demands of South-African homeowners today. At VAGA (Van Acht Glass and Aluminium) we strive to maintain the same quality and service with which we have been associated over the last 35 years.

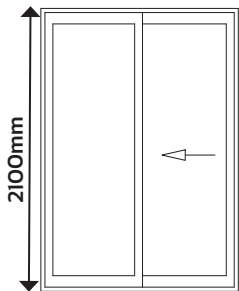


Patio Sliding Doors



Please Note:
Actual Sizes are 10mm
smaller to accommodate
fitment.

SINGLE SLIDING (OX / XO)



Available Widths

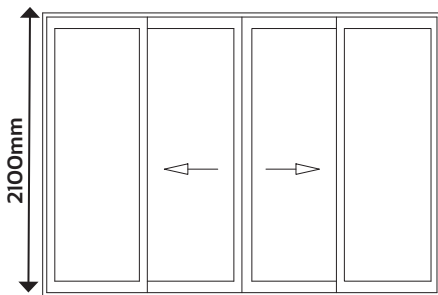
- 1500mm
- 1800mm
- 2100mm
- 2400mm
- 2700mm
- 3000mm

Information & Special Features:

The patio sliding door range is also known as the contractors range or entry level range. Patio sliding doors are supplied with 5mm toughened safety glass, complying to SANS 10 400 (TSG) Part N glazing regulations and international standards.

- O - Is the symbol for fixed panel
- X - Is the symbol for sliding panel
- LH or RH must specified when order is placed.
- Sliding windows available in the same configurations..
- Sliding window heights 900mm, 1200mm, 1500mm

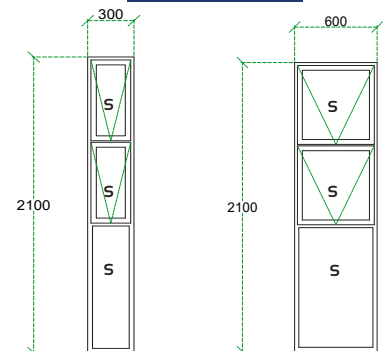
DOUBLE SLIDING (OXXO)



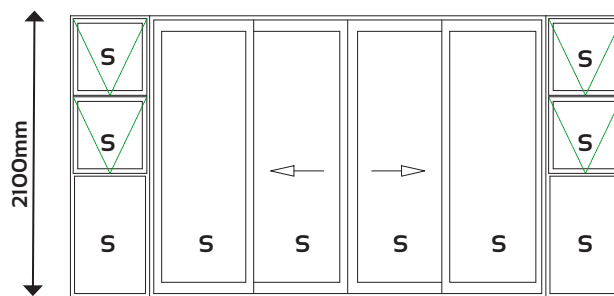
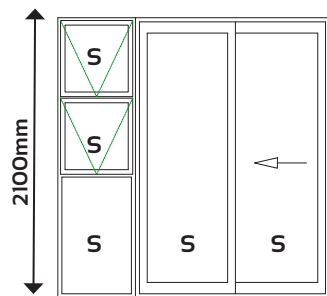
Available Widths

- 3000mm
- 3600mm
- 4200mm
- 4800mm
- 5400mm
- 6000mm

Standard Sidelights



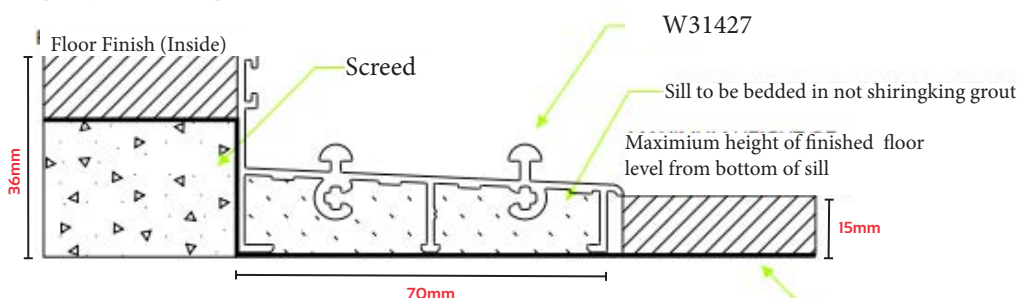
SIDELIGHT OPTIONS



Sliding Door Toplights

When adding toplights to a sliding door it will change the design and inertia's. Toplights need support (steel beam or lintle) If the width is > 2400mm. Please ask your consultant to custom design your sliding door when adding toplights.

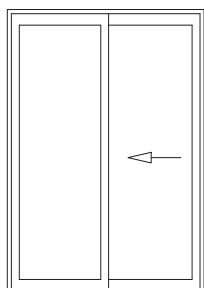
Cill for Double Slider



Palace Sliding Doors



SINGLE SLIDING (OX / XO)



Available Width
1500 mm - 3000mm

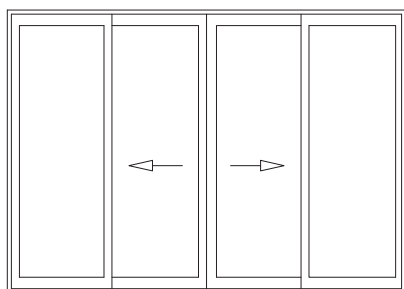
Available Height
2100mm - 2700mm

Information & Special Features:

The palace sliding door range is a higher end product for the homeowner. The palace range is made to Architect specifications. This range can be supplied with single or double glazing. Options of 60mm or 90mm doorstyles available.

- O - Is the symbol for fixed panel
- X - Is the symbol for sliding panel
- LH or RH must specified when order is placed.

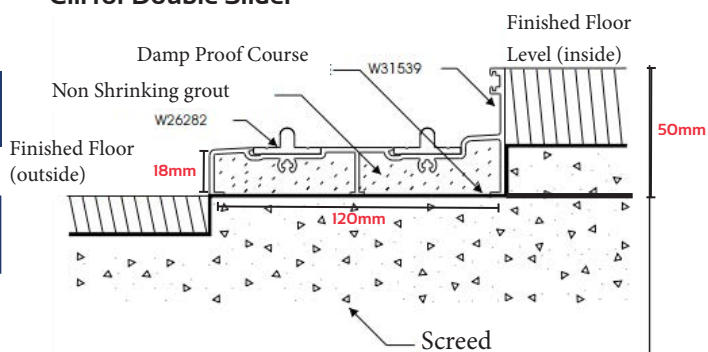
DOUBLE SLIDING (OXXO)



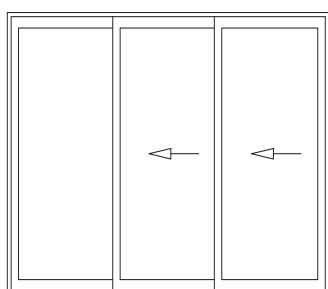
Available Width
3000mm - 6000mm

Available Height
2100mm-2700mm

Cill for Double Slider



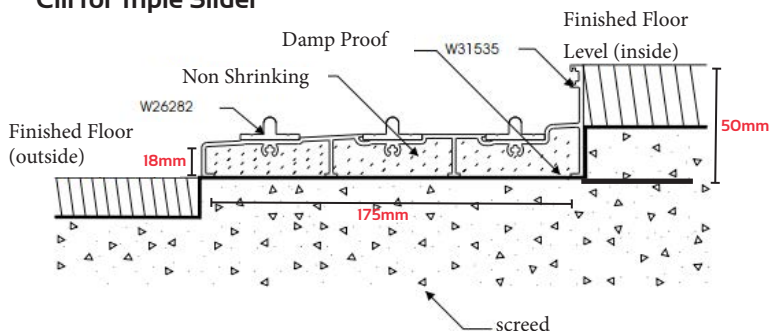
TRIPLE SLIDING (OXX / XXO)



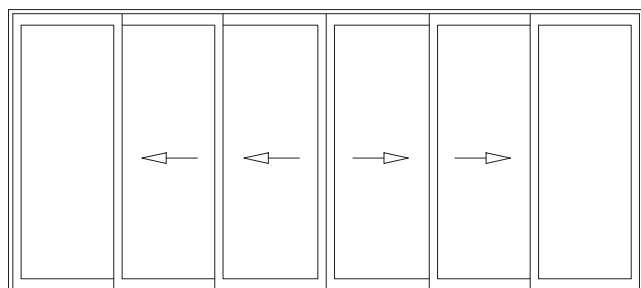
Available Width
2600mm - 4400mm

Available Height
2100mm-2700mm

Cill for Triple Slider

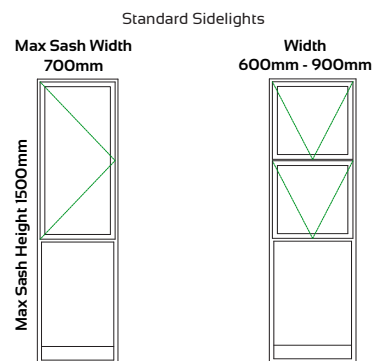


DOUBLE TRIPLE SLIDING (OXXXXO)



Available Width
4600mm - 6000mm

Available Height
2100mm-2700mm



Clip 44 (Shopfront)

Acacia Sliding Doors

Information & Special Features:

The Acacia sliding system has been designed to encompass a wide range of opening sash applications and an unprecedented cavity slider feature, as well as single to multi slider options.

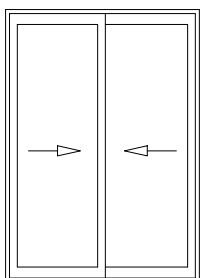
The system is also en-suite with a wide range of interlockers with I-xx Values ranging from 10 cm⁴ to 180 cm⁴, allowing a wide range of height / span and wind load possibilities.

All machined elements are covered via moulded caps to ensure a high quality of finish Architects and client have come to expect.

In addition to this the system has a range of integrated sunscreen and louvre choices. In addition, integrated smooth running anti-rattle mouldings have been included in the design to ensure soundless ease of operation during the products life cycle.

- Single track single panel slider X
(Typically in shutter or cavity applications)
- Single track double panel slider X-X
(Typically in shutter or cavity applications)
- Double track double panel slider XX
- Double track four panel slider XX-XX
- Triple track three panel slider XXX
- Triple Track six panel slider XXX-XXX
- Multi track additions allows for sun shading, louvres and fly screens to be added to

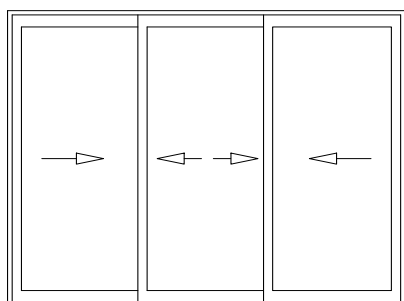
SINGLE SLIDING (XX / XX)



Available Width
1500 mm - 3000mm

Available Height
2100mm - 2700mm

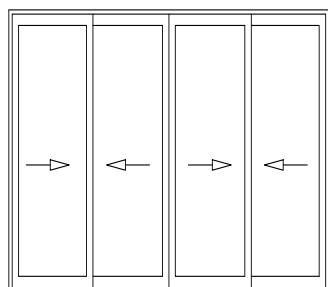
DOUBLE SLIDING (XXXX)



Available Width
3000mm - 6000mm

Available Height
2100mm-2700mm

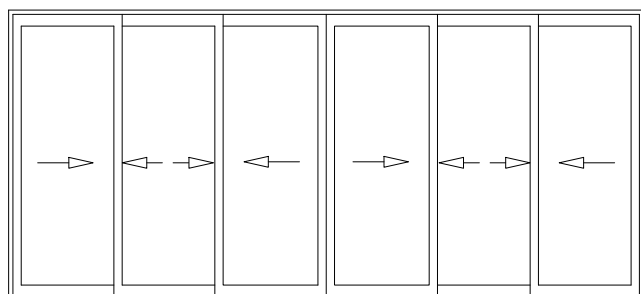
TRIPLE SLIDING (XXX / XXX)



Available Width
2600mm - 4400mm

Available Height
2100mm-2700mm

DOUBLE TRIPLE SLIDING (XXXXXX)



Available Width
4600mm - 6000mm

Available Height
2100mm-2700mm

Acacia Sliding Doors

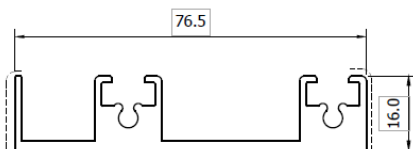


Benefits

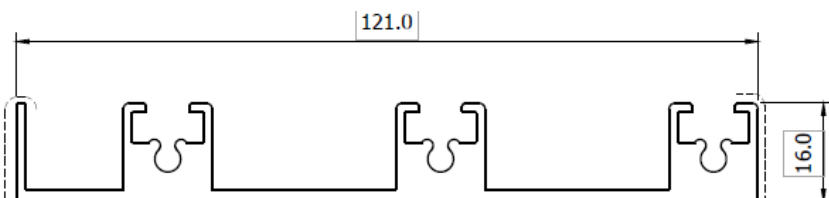
Various options are available for this system:

- Cavity slider, single, double, triple tracks and track extension options.
- Sun shading / louvres can be seamlessly integrated into any panel.
- Accessibility ramp.
- The system has been designed with a comprehensive range of punching tools to ensure fast track manufacturing and assembly, thereby maximizing fabricator efficiency.
- Acacia material is held in mill finish.
- Colour powder coating is available with an extra 7 – 14 working days added to regular lead times.

Acacia Profiles - Interior tracks



Double flat track
Code: SD5042
Ixx : 0.78cm^4
Iyy : 24.14cm^4



Triple flat track
Code: SD5043
Ixx : 1.15cm^4
Iyy : 87.12cm^4

Vista Sliding Folding Doors

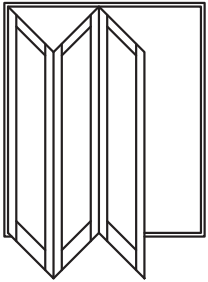
Information & Special Features:

The Vista sliding door range is available with either 60mm or 90mm door stiles. Various glazing option available like Low-E & double glazing.

- LH or RH to be specified when the order is placed.
- Stacking Windows available in the same configurations.
- Stacking Window Heights 900mm, 1200mm & 1500mm



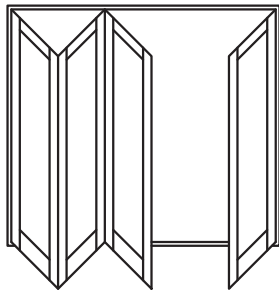
3 LEAF (L-R / R-L)



Available Width
1800mm - 2700mm

Available Height
2100mm - 2700mm

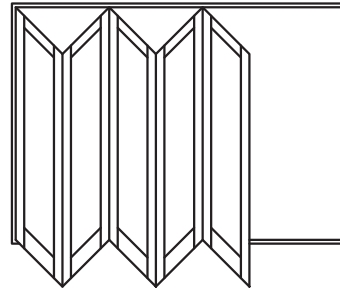
4 LEAF (L-R / R-L)



Available Width
3000mm - 3600mm

Available Height
2100mm - 2700mm

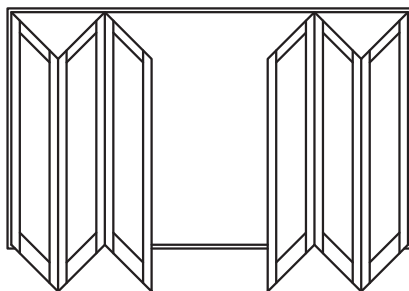
5 LEAF (L-R / R-L)



Available Width
2400mm - 4200mm

Available Height
2100mm - 2700mm

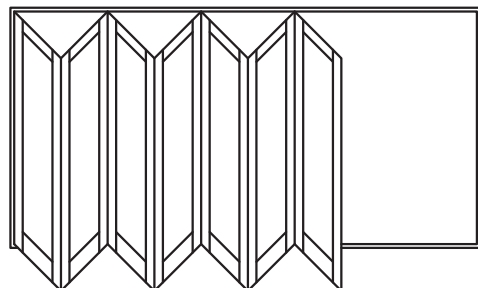
6 LEAF (CENTRE OPENING-CO)



Available Width
3000mm - 5100mm

Available Height
2100mm - 2700mm

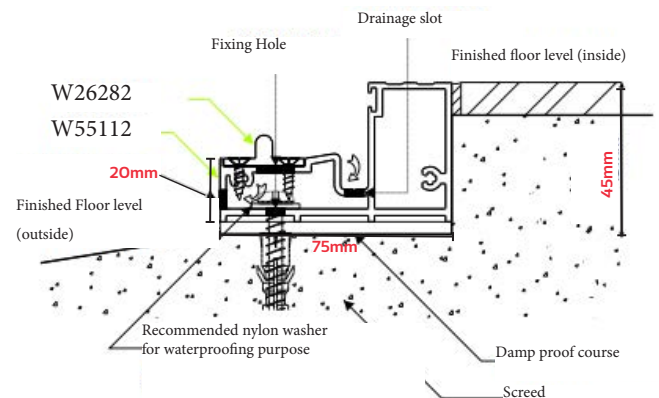
7 LEAF (L-R / R-L)



Available Width
4800mm - 6000mm

Available Height
2100mm - 2700mm

Cill for Stacking Door



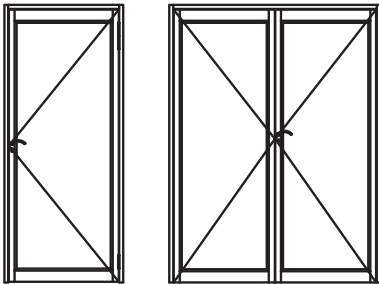


Hinged Doors

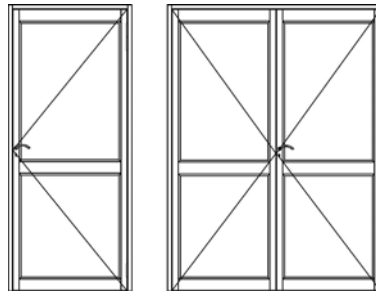
Information & Special Features:

- Standard door style width is 60mm for 2100mm high doors.
- Sill options: with or without sill.
- Sill height 30mm
- Please specify if door should open inwards or outwards.
- Please specify if the handle must be on the left or right when standing outside.

G1 DOOR



G2 DOOR



YOSO Hinged Doors

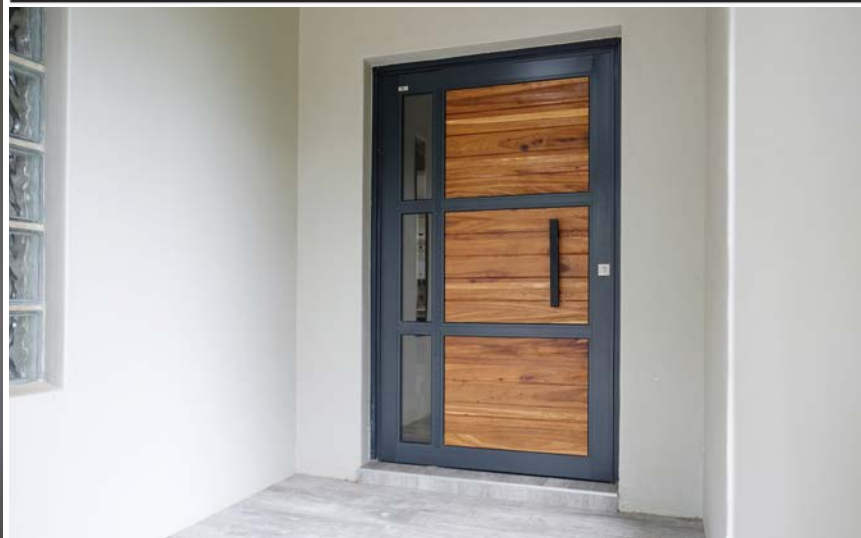
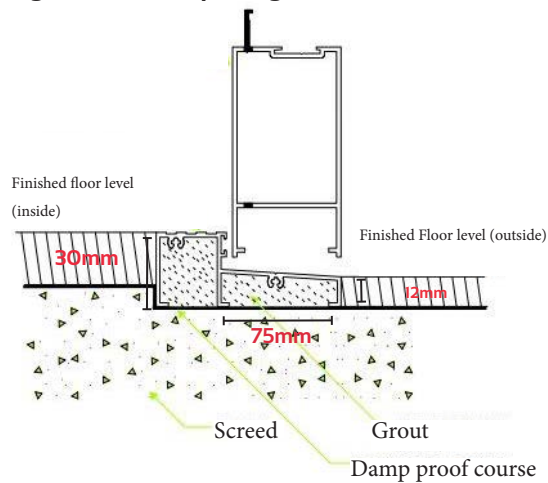


2 Panel YOSO
Marine Ply
900mmx2100mm



G10P YOSO
Marine Ply
900mmx2100mm

Hinged Door – Opening Out



YOSO Contemporary Doors



Information and Special Features

The YOSO door range is a unique modern alternative to the plain glass front door. YOSO doors are supplied pre hung with handles & CISA Italian locks .

Standard Sizes: 1300x2100, 1600x2100, 1300x2380, 1600x2380

Maximum Width: 1600mm

Timber Options: Kiaat, Versa-Wood, Marine Ply

Aluminium Frame Colours : Standard colours , any other colours can be arranged on special request at additional costs.



YOSO 1.2 PIV Y1



YOSO 1.2 PIV Y2



YOSO 1.2 PIV Y3

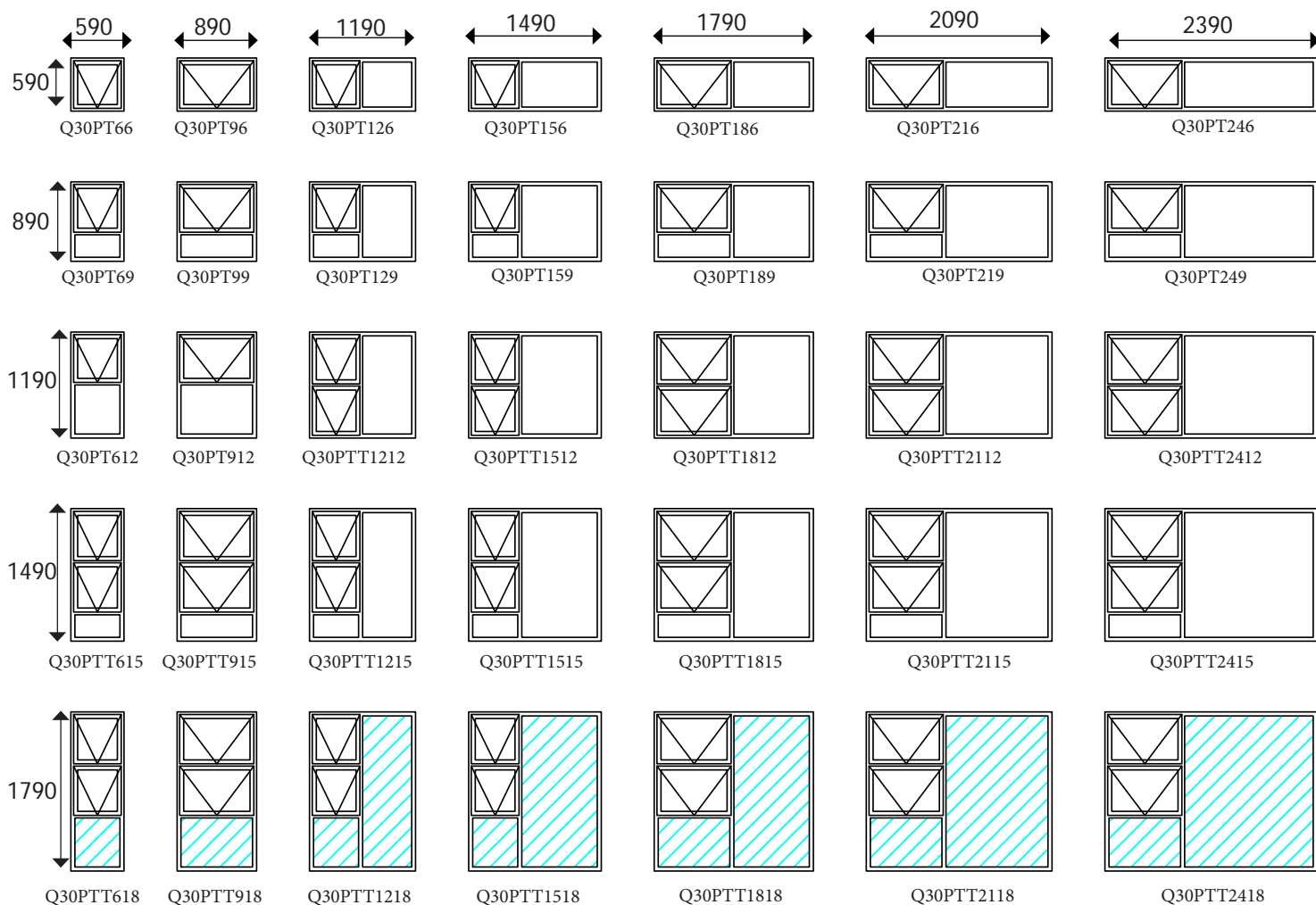


YOSO 1.2 PIV Y4



YOSO 1.2 PIV Y6

Top Hung Windows Casement 30.5mm



 = Safety Glass 6.38

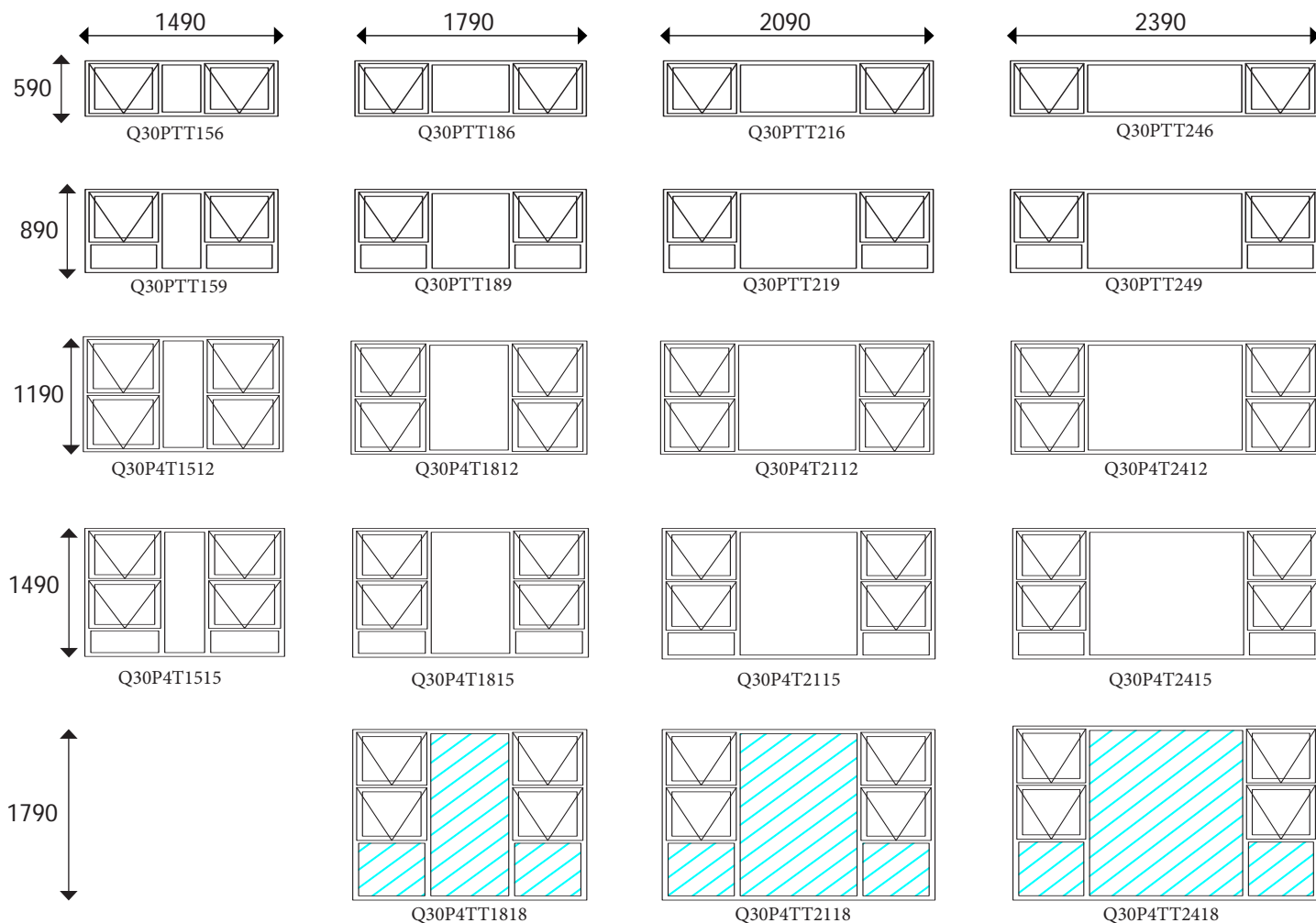
 = 4mm Float Glass

STANDARD COLOURS



Maximum sash size:
Width: 890mm
Height: 590mm

Top Hung Windows Casement 30.5mm



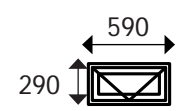
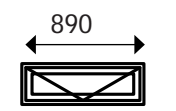
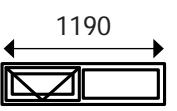
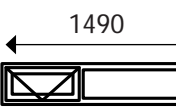
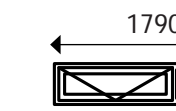
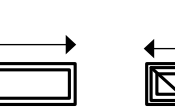
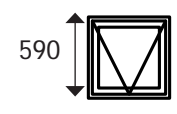
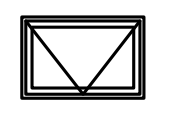
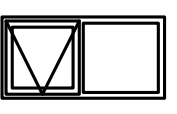
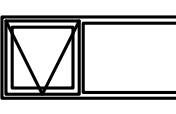
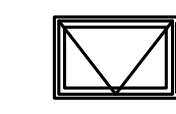
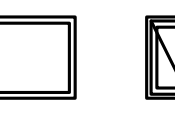
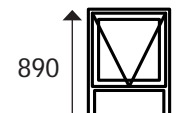
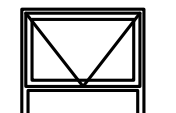
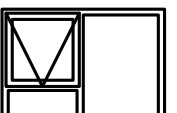
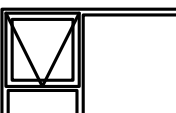
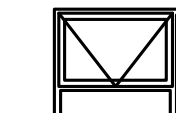







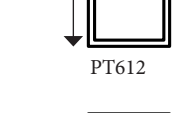
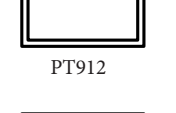
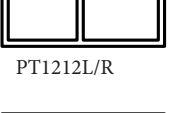
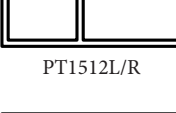
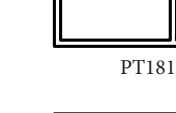

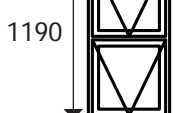
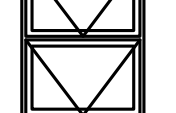


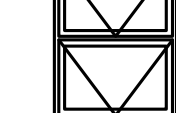
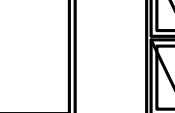
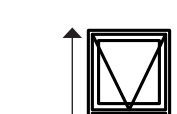
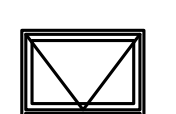
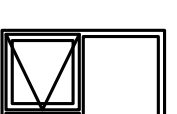
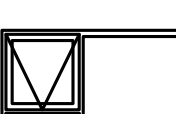
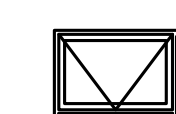


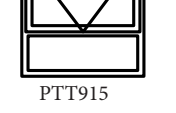







 = Safety Glass 6.38

 = 4mm Float Glass

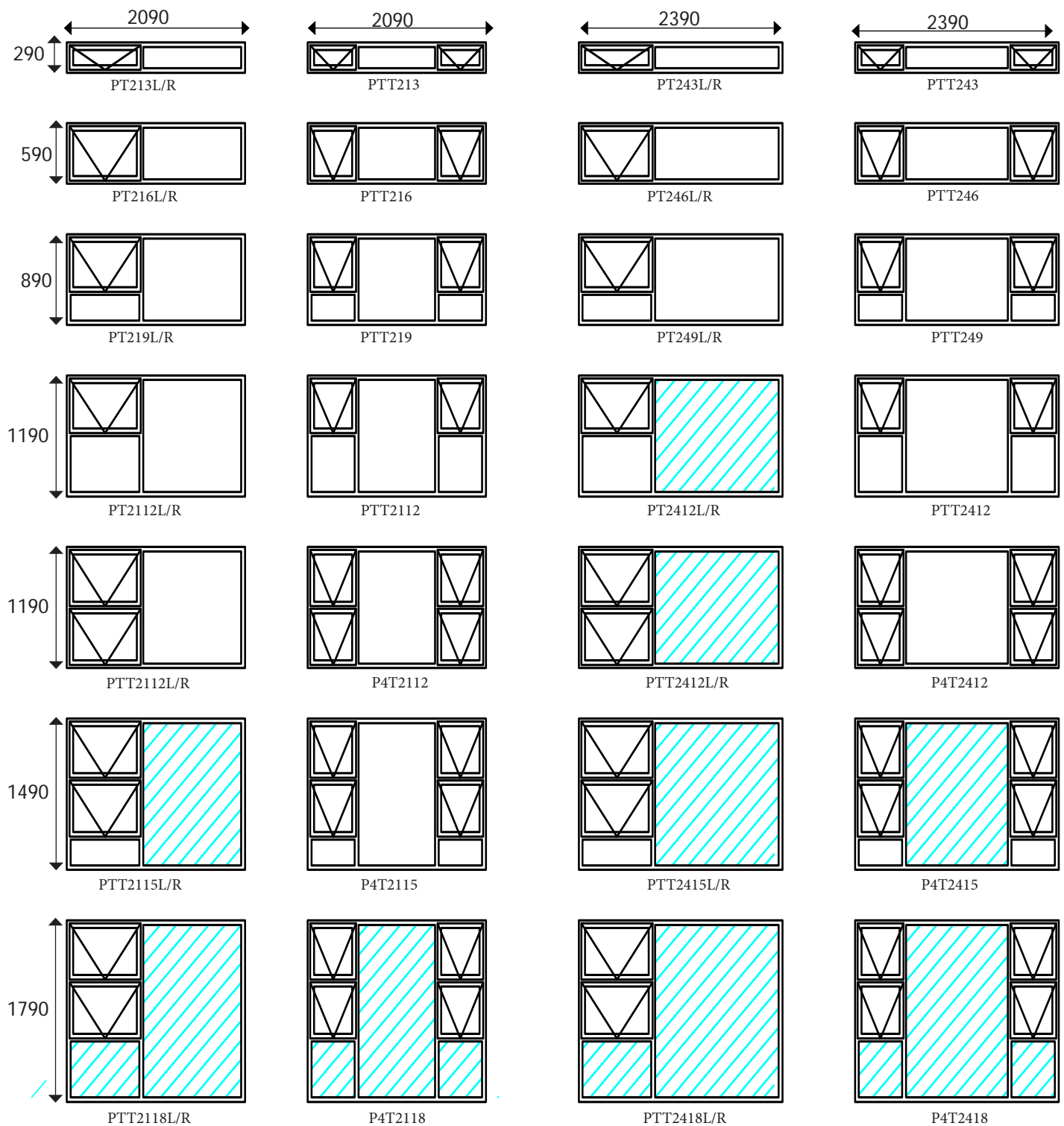
Information & Special Features:

- High quality low cost single glazed window.
- For use in residential or architectural projects.
- Project top hung sashes on concealed friction stays, all sashes are fitted with draught seal to prevent water and air infiltration.
- Window corner are mechanically crimped and sealed.
- All windows come complete with fixing lugs, handles, stainless steel screws.
- VAGA 30.5 Casement windows are manufactured to N part glazing regulations and are fitted with high rise mullions where required.
- All hardware to coastal specifications of 304 stainless steel quality.
- Windows available in a PT (one sash) - PTT (two sash)
-P4TT (4 sashes) configuration
- Viewed from the outside all sashes as a standard on the left hand side, if sashes are required on the right hand this needs to be specified.

Top Hung Windows Casement 38mm

 <p>PT63</p>	 <p>PT93</p>	 <p>PT123L/R</p>	 <p>PT153L/R</p>	 <p>PT183L/R</p>	 <p>PTT183</p>
 <p>PT66</p>	 <p>PT96</p>	 <p>PT126L/R</p>	 <p>PT156L/R</p>	 <p>PT186L/R</p>	 <p>PTT186</p>
 <p>PT69</p>	 <p>PT99</p>	 <p>PT129L/R</p>	 <p>PT159L/R</p>	 <p>PT189L/R</p>	 <p>PTT189</p>
 <p>PT612</p>	 <p>PT912</p>	 <p>PT1212L/R</p>	 <p>PT1512L/R</p>	 <p>PT1812L/R</p>	 <p>PTT1812</p>
 <p>PTT612</p>	 <p>PTT912</p>	 <p>PTT1212L/R</p>	 <p>PTT1512L/R</p>	 <p>PTT1812L/R</p>	 <p>P4T1812</p>
 <p>PTT615</p>	 <p>PTT915</p>	 <p>PTT1215L/R</p>	 <p>PTT1515L/R</p>	 <p>PTT1815L/R</p>	 <p>P4T1815</p>
 <p>PTT618</p>	 <p>PTT918</p>	 <p>PTT1218L/R</p>	 <p>PTT1518L/R</p>	 <p>PTT1818L/R</p>	 <p>P4T1818</p>
 <p>PTT621</p>	 <p>PTT921</p>	<p>Standard Colours</p> <div>  BRONZE  WHITE  BLACK  SILVER  CHARCOAL </div> <p> = Safety Glass 6.38</p> <p> = 4mm Float Glass</p>			

Top Hung Windows Casement 38mm

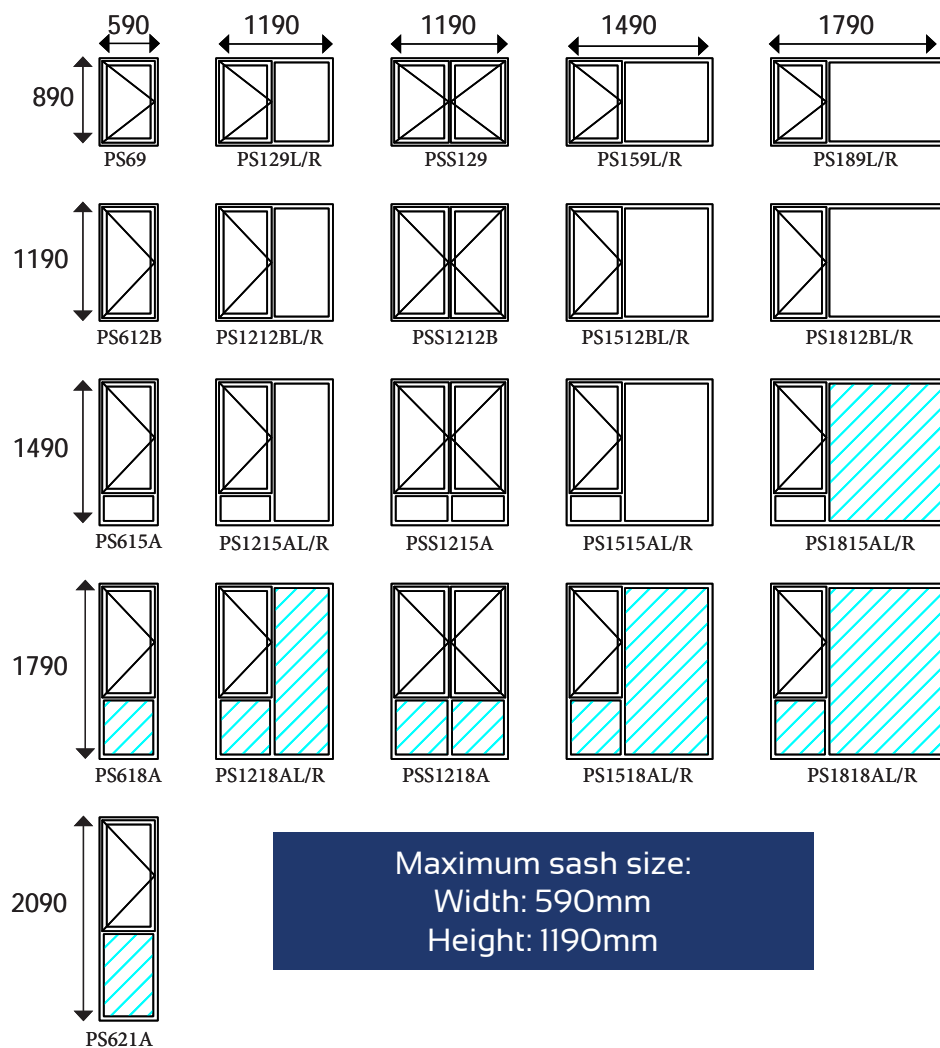


Information & Special Features:

- High quality durable double or single glazed window.
- For use in residential or architectural projects.
- Project top hung sashes on concealed friction stays, all sashes are fitted with draught seal to prevent water and air infiltration.
- Window corner are mechanically crimped and sealed.
- All windows come complete with fixing lugs, handles, stainless steel screws.
- VAGA 38mm Casement windows are manufactured to N part glazing regulations and are fitted with high rise mullions where required.
- All hardware to coastal specifications of 304 stainless steel quality.
- Windows available in a PT (one sash) - PTT (two sash) -P4TT (4 sashes) configuration.
- Viewed from the outside all vents as a standard on the left hand side, if vents are required on the right hand this needs to be specified.

Sidehung Windows Casement 38mm

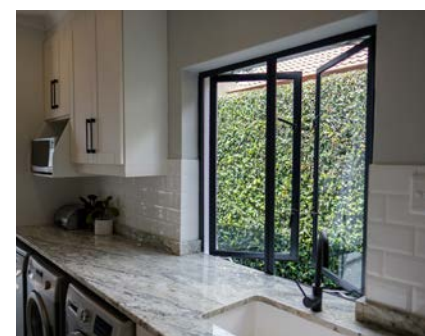
Standard Colours



Maximum sash size:
Width: 590mm
Height: 1190mm

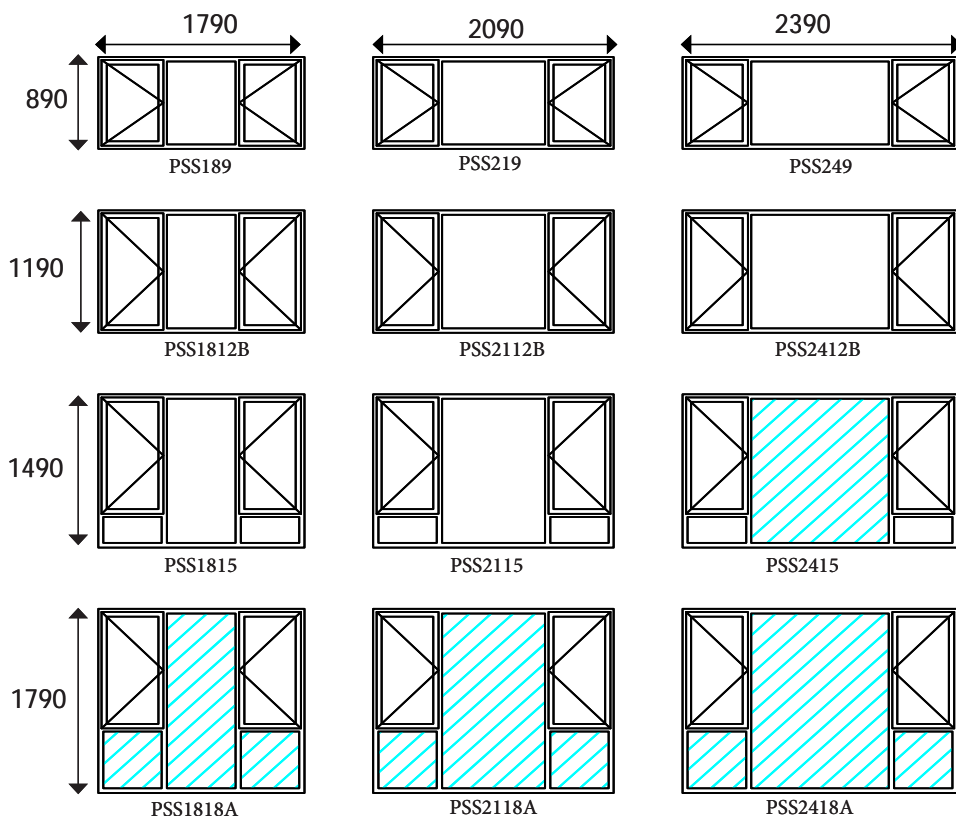
 = Safety Glass 6.38

 = 4mm Float Glass



Sidehung Windows Casement 38mm

Standard Colours



Maximum sash size:
Width: 590mm
Height: 1190mm



= Safety Glass 6.38



= 4mm Float Glass



Information & Special Features:

- High quality durable double or single glazed window.
 - For use in residential or architectural projects.
 - Sidehung sashes are fitted with draught seal to prevent water and air infiltration.
 - Window corner are mechanically crimped and sealed.
 - All windows come complete with fixing lugs, handles, stainless steel screws.
 - VAGA 38mm Casement windows are manufactured to N part glazing regulations and are fitted with high rise mullions where required.
 - All hardware to coastal specifications of 304 stainless steel quality.
 - Windows available in a PS (one sash) - PSS (two sash)
- Viewed from the outside all sashes as a standard on the left hand side, if sashes are required on the right hand this needs to be specified.

Window & Glazing Terminology

Casement window

Term used to describe a conventional window, with a sash that is side or top hinged. Casement windows open outwards.

Sash

Rail, stile and glass components joined together that form the venting capability of a window.

Sill/ Cill

Horizontal member that forms the bottom of a window or door frame.

Single glazing

Window or door with a single glass lite. Our Casement 30.5 window has single glazing with 4mm float translucent glass.

Double glazing unit

A combination consisting of two glass panes enclosing a hermetically-sealed air space. This option is available on all our aluminium products except 30.5 Casement windows.

Float Glass/ Annealed glass

A term of perfectly flat, clear glass. A more affordable glazing option commonly used with the 30.5 Casement single glazed windows.

Translucent

Allowing glass to pass through diffusely.

Obscure Glass

Any type of glass with uneven surfaces which offers light diffusion and privacy. Commonly used in bathrooms.

Tinting Options

Tinting changes the color of the window and can increase visual privacy. The primary uses for tinted glass are reducing glare from the bright outdoors and reducing the amount of solar energy transmitted through the glass. There are many colour options available like clear, cool grey and many more, please discuss with your sales consultant to see samples of available options.

Sand-blasted glass

This type of glass is produced by spraying sand at high velocities over the surface of the glass.

Safety Glass

Glass which must have passed an impact test and either must not break or must break safely. Types of safety glass include laminated or toughened safety glass.

Laminated Glass

Type of safety glass used for commercial and residential purposes. A combination of two or more glass sheets with one or more interlayers of plastic (PVB) or resin. In case of breakage, the interlayer holds the fragments together and continues to provide resistance to the passage of persons or objects. Commonly used for windshields, skylights and architectural applications.

Laminated 6.38mm glass is a safe, affordable glazing option for your home's fenestration, it also helps with sound insulation and provides some protection for your furniture and curtains due to EVA film used between sheets to block UV rays from the sun.

Toughened Glass

Toughened glass is two or more times stronger than annealed glass, when broken it shatters into tiny small fragments which prevent major injuries. Toughened glass is usually used for unframed assembling, like frameless glass doors or when large windows that reach floor level.

Window & Glazing Terminology

Low-E Glass

Low-emission glass (Low-E) is a clear glass, which has a microscopically-thin coating of metal oxide. Applied to one side this allows the sun's heat and light to pass through the glass into the building at the same time it blocks heat from leaving the room, reducing the heat loss considerably.

U-value

This is a measure of the rate of heat loss of a building component. It is expressed as watts per square metre, per degree Kelvin, W/m^2K .

Air infiltration

Industry test that measures the amount of air leakage through a window or door (the lower the number the better)

More on Double Glazing



Advantages

Comfort

Having double glazing will keep the heat out in summer, and keep the warmth in winter. Double glazing will keep the temperature in your home more stable.

A Quieter Home

Double glazing can dramatically reduce noise pollution like barking dogs, or noisy neighbours or aircraft noise.

Lower Energy Costs

Windows can severely impact your homes heating and cooling load. Up to 40% of a homes heating can be lost and 87% gained through the windows.

Security

The majority of burglaries gain entry through windows and doors. Double glazing may deter would-be burglars.

Enhance Your Homes Value & Reduce your carbon footprint.

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