



EAGLE
ALUMINIUM



Innovation | Function | Performance



Doors



Windows



Showers



Flyscreens



Security



Louvres



• WINDOWS

Top Hung | Side Hung | Fixed
Horizontal | Vertical Sliding

• DOORS

Patio | Renaissance | Quad | Palace Sliding
Vista | Duo Fold | Hinged | Pivot | Swing

• SHOWERS

Pivot | Pentagonal | Tri-slider | Corner Entry
Return Panels | Bath Screens | Frameless

• ECO FLY-SCREENS

Retractable | Sliding

• SECURITY BARRIERS

Retractable | Fixed

• LOUVRES

Y Louvres | Z Louvres

about **US**

COMPANY OVERVIEW

National Glass Distribution is led by CEO and founder Anthony Adler, established in 1995 the company offers two decades of industry experience in the South African glass and aluminium market.

Eagle Aluminium forms part of the National Glass Distribution product mix which offers an extensive selection of residential and commercial windows, doors, showers and Eco-Fly Screens.



NATIONAL GLASS
DISTRIBUTION

Tel: +27(0)10 593 8400
info@natglass.co.za
www.natglass.co.za



Home Owner



Due to the specialist nature of our products we supply direct to the glass and aluminium industry only. We will gladly assist with any technical enquiries regarding our products and facilitate a smooth handover to our agents or preferred installers who will quote you on your requirements.

Customer



Our customers are individuals or businesses who derive their major source of income through trading with glass and aluminium products. As a customer you will have access to our portal where you can view price lists, quotes, POD's, invoices, delivery notes and your statements.

We offer technical and design assistance through our numerous Competent Person (Glazing), MSAGI (Cat 2) graduates and AAAMSA approved SAFIERA simulators, as well as promoting the various industry associations to ensure that you are informed of the latest regulations and legal requirements for the glass and aluminium industry.

Industry Professional



Our numerous Competent Person (Glazing), MSAGI (Cat 2) graduates and AAAMSA approved SAFIERA accredited simulators can assist your project team from initial design, ensuring that the correct glass and aluminium is specified to meet the various National Building Regulations. We will also facilitate a handover to our agents or preferred installers who will assist with pricing for the supply and installation of the project.



ORDERS | QUOTES



Email:
orders@natglass.co.za



SMS:
44855



Fax:
010 591 5660

PORTAL

Visit <http://portal.natglass.co.za> to activate your profile where you can access:



Customer Portal



PAYMENT METHODS

We accept the following payment methods:



SnapScan



EFT



Credit Card



Credit Acc

DEPARTMENT EMAIL ADDRESSES

Orders	orders@natglass.co.za
Accounts	debtors@natglass.co.za
Services	services@natglass.co.za

LEADERSHIP CONTACTS

If you are not receiving the service you deserve, please contact:



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PRODUCT

■ Key Points

Eagle Aluminium prides itself in precision engineering, and therefore is able to supply detailed technical drawings for all its products. These drawings enable you to make an informed decision about the product you are going to select for your building.

Our windows and doors are designed to meet performance standards set by the industry in accordance to SANS 613.

Products are glazed according to SANS 10137 and SANS 10400-N, which complies with the National Building Regulations.

All safety glazing in our products is manufactured and tested in accordance to SANS 1263-1 where applicable.

■ SIG Units (Double Glazing)

Eagle Aluminium manufactures its own SIG (double glazed) units thereby having complete control over all manufactured glass and aluminium elements in its range.

Most Eagle Aluminium profiles have the ability to accommodate SIG (double glazed) units.

All our SIG's are manufactured using a warm edge flexible spacer as opposed to an aluminium spacer. Our flexible spacer limits the number of joints (potential leaks) to only one, thus performing considerably better than its counter part in terms of energy efficiency.

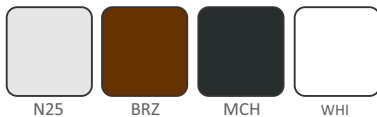
Benefits of our Eagle Aluminium products with SIG:

- Improved sound reduction
- Improved security
- Improved thermal insulation and solar control
- Minimised condensation

■ Colour

Eagle Aluminium products are available in a wide range of colours. We can match any specified colour in the AkzoNobel powder coated colour chart.

Standard colours in the Eagle range are:



N25	Natural Anodised
BRZ	Bronze Powder Coated (Matt)
MCH	Charcoal Powder Coated (Matt)
WHI	White Powder Coated (Gloss)

*Colour for illustrative purposes only.



■ Energy Efficiency Go 4 Green Range

Eagle Aluminium's in-house thermal simulators have developed the Premier Green Safety Range. The range includes our very best performing fenestration products meeting the ever demanding constraints stipulated by local municipalities. For more information please visit www.eaglealuminium.co.za

■ Custom Designs

This brochure summarises our more popular products however, Eagle Aluminium prides itself in being dynamic and flexible and therefore is able to offer custom made products.

Our in-house design team will prepare a full set of drawings ensuring all AAAMSA and building regulations are not overlooked.

■ Maintenance

To maintain functionality and extend product life, all products need to be appropriately cleaned and maintained.

A weak soapy solution is recommended for cleaning; and chemicals, solvents, or abrasive compounds should not to be used.

A detailed Care and Maintenance Guide is available from www.eaglealuminium.co.za

■ Associations

The aluminium and glass industry is governed by AAAMSA (Association of Architectural Aluminium Manufacturers of South Africa) and SAGGA (South African Glass and Glazing Association).

National Glass Distribution and Eagle Aluminium are corporate members of both associations. The Groups founder Anthony Adler has been on the SAGGA National Executive Council for more than a decade, often being described as the white knight for his innovative and pioneering contribution.

As the next generation of glass and aluminium professionals come to the fore, The Group continues to contribute to the development of technical regulations in our country and are often consulted for our expert advice and experience. The Group has the most number of SAGI (South African Glass Institute) graduates and in house thermal simulators.

We pride ourselves in always doing the right thing, not taking any shortcuts, ensuring our country's infrastructure meets the highest safety standards.

SPECIFICATION	SLIDING DOORS					SLIDING WINDOWS			
	Patio	Renaissance	Quad Seal	Palace		Elite	1000 Series	Palace	
Glass max thickness	6.76mm	6.76mm	6.76mm	26mm		6.76mm	6.76mm	26mm	
Alternative handles	✗	✓	✓	✓		✓	✓	✓	
Height Limitation	2400mm	2700mm	2400mm	3000mm		1200mm	1500mm	1800mm	
Reversible	✓	✗	✗	✗		✗	✗	✗	
Multi Sliding	✗	✗	✗	✓		✓	✓	✓	
Cylinder Lock	* ✗	✓	✓	✓		✗	✗	✓	
Lock Type	Spring Latch	Hook Lock	Hook Lock	Hook Lock		Sliding Lock	Sliding Lock	Hook Lock	
Roller max weight	40kg	40kg	40kg	100/250kg		40kg	40kg	100/250kg	
									

* Cylinder lock can be added if required



PATIO

- Representing a new generation of entry level aluminium sliding doors with its contemporary aesthetic appeal
- For the cost conscience customers this product outperforms its competition by not compromising on quality
- Doors are reversible allowing you to change your configuration on site at the last minute
- Upgrade the security features of the door by adding a night latch and key cylinder
- Both our Eco Flyscreens and Eagle Sidelights compliment this door

Our lowest energy efficient value achieved:

U-Value	SHGC
4.636	0.356



RENAISSANCE

- An upgrade from the Eagle Patio Door but still keeping with our aesthetically pleasing rounded profile design
- This solid door with its strong and bold interlockers cater for openings with greater height requirements
- Its wider door stiles allows for a greater range of compatible handle options to satisfy your taste
- Compatible with our unique Eagle Sidelights and Toplights
- Door comes standard with key cylinder and hook lock as an added security feature

Our lowest energy efficient value achieved:

U-Value	SHGC
4.706	0.355



The New Door on the Block

The Quad Seal

The newly developed **Quad Seal** is a SANS 613 certified mid-range single-glazed sliding door. This door is great value targeting discerning buyers who require a SANS certified product with specifications between our Patio and Palace Sliding Door.

It is ideally suited for residential and light commercial applications, offering an attractive contemporary look.

The name derives from the 4 rows of weatherpile at all vertical meeting points, which out-perform SANS 613 air, water, U-value and SHGC allowances.

Adjustable stainless steel tandem rollers ensure smooth and trouble-free operation, whilst also allowing for an 80kg panel capacity.

Profiles are minimalistic, yet robust and elegant, providing substantial daylight openings.



SANS 613 Certified A3 | Strong | Air Tight | Energy Efficient | Unique Design



Performance

- 4 rows of weatherpile at all vertical meeting points
- Air leakage
 - 81% better than specified
- Green Range VS SANS 204 defaults:
 - 40% better U-Value & 62% better SHGC



Features

- CISA hook lock for added security
- Compatible with 105mm or deeper C44 frames
- Stiles can accommodate up to 32mm pull handle



Configuration

- Available in 2, 3, 4 & 6 panel options
- 2 interlocker combinations available



Visit www.youtube.com to view our Quad Door video.



PALACE

- Breaking away from the rounded look this heavy set square profile ticks all the boxes from security to weatherproofing
- It's the only door in our range available in multi sliding configurations
- System limitations are minimal allowing for greater daylight openings
- Comes standard with laminated safety glass taking any unwanted visitors at least 3 blows of 225g steel ball before penetrating glass
- Wide range of handles available to suit this door

Our lowest energy efficient value achieved:

U-Value	SHGC
4.001	0.278



HINGED

- Suitable for all openings where there is a width restriction
- Operating off hinges, these doors are able to open 90 degrees and 180 degrees if supplied with sidelights
- Large pane designs cater for maximum day light with no aluminium sections interrupting the view
- Classic design includes a midrail dividing the glass section
- Cape Victorian designs compliment any home and building that has a country, farm style look and feel

Our lowest energy efficient value achieved:

U-Value	SHGC
3.555	0.289





STABLE

- Have the best of both worlds by having a window and door all in one
- Perfectly suited for back doors or serving hatches
- The bottom panel can either be locked onto the top to act as a complete door or with the top half opening to keep animals out but the fresh breeze in
- Customize your door by adding cladding to the bottom panel for a solid hardwearing product

Our lowest energy efficient value achieved:

U-Value	SHGC
3.555	0.289



PIVOT / SWING

- Complete your entrance with an Eagle Pivot or Swing door
- Doors can either be free swinging or have any desired hold open position
- For any opening that is suitably protected by the elements, this door can make a statement
- Strongly recommended for high traffic zones as there is no cill on the ground
- Let your creative flair run wild by adding a decorative handle

Our lowest energy efficient value achieved:

U-Value	SHGC
3.555	0.289





VISTA

- This tough and durable sliding folding door is designed to meet the high standards of upmarket projects
- Bring the outside indoors with unobstructed views of varying widths
- Allows maximum opening, as panels fold and stack to one or two sides
- Perfect for entertainment areas or separating internal rooms
- Insert a louvre into this system and create an added security barrier or simply a 5 star shutter system

Our lowest energy efficient value achieved:

U-Value	SHGC
3.555	0.289



VISTA DUO

- Our recent addition to the Eagle Door range, the Vista Duo has grown in popularity
- Similar to the Vista, but this door caters for narrower openings, which may require even numbered panels
- Door has internal access only, thereby reducing the risk of any forced entry

Our lowest energy efficient value achieved:

U-Value	SHGC
3.555	0.289





■ TOPLIGHTS / SIDELIGHTS

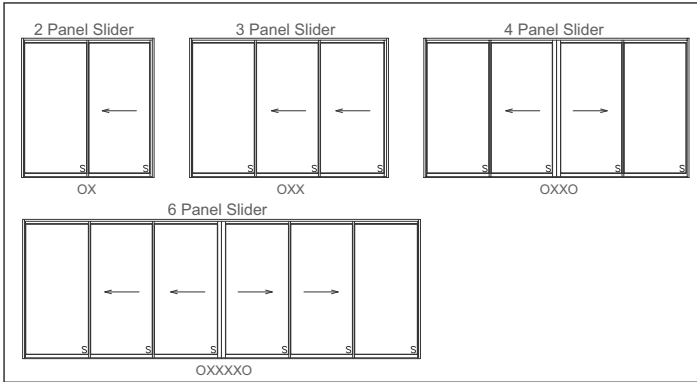
- These are window products connected to a door system which are designed to connect to any of the Eagle Door systems ensuring a well thought out product
- They are often used as ventilation options, when doors are closed
- In addition they can be fitted to the door system to fill greater openings and add structural support
- Where applicable these products are glazed with safety glass

Our lowest energy efficient value achieved:

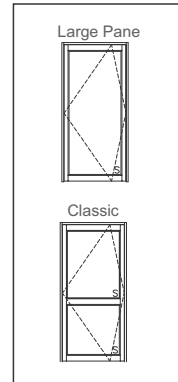
U-Value	SHGC
4.408	0.304



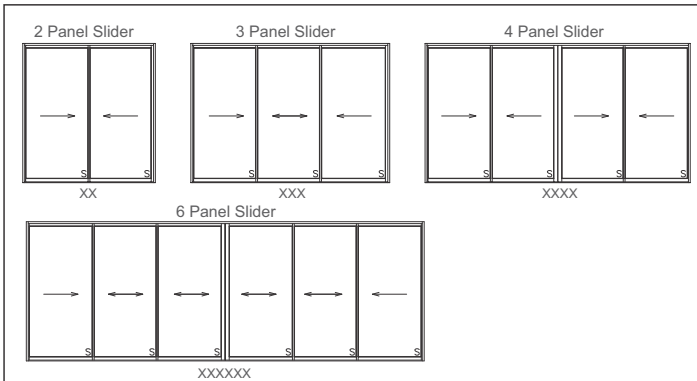
Sliding: Patio | Renaissance | Quad Seal | Palace



Pivot / Swing

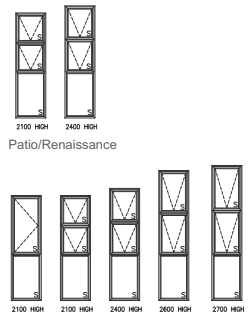


Multi-Sliding: Palace Multi



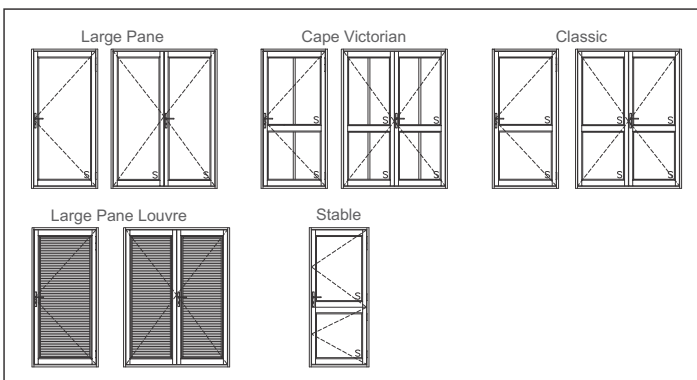
Sidelights & Toplights

Sidelights

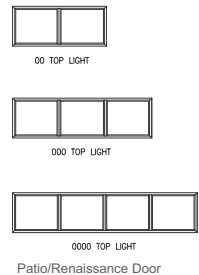


Hinged 75mm - max height 2600mm
 Quad Seal 105mm - max height 2400mm
 Palace 120mm - max height 2700mm

Hinged: Large Pane | Cape Victorian | Classic | Louvre | Stable

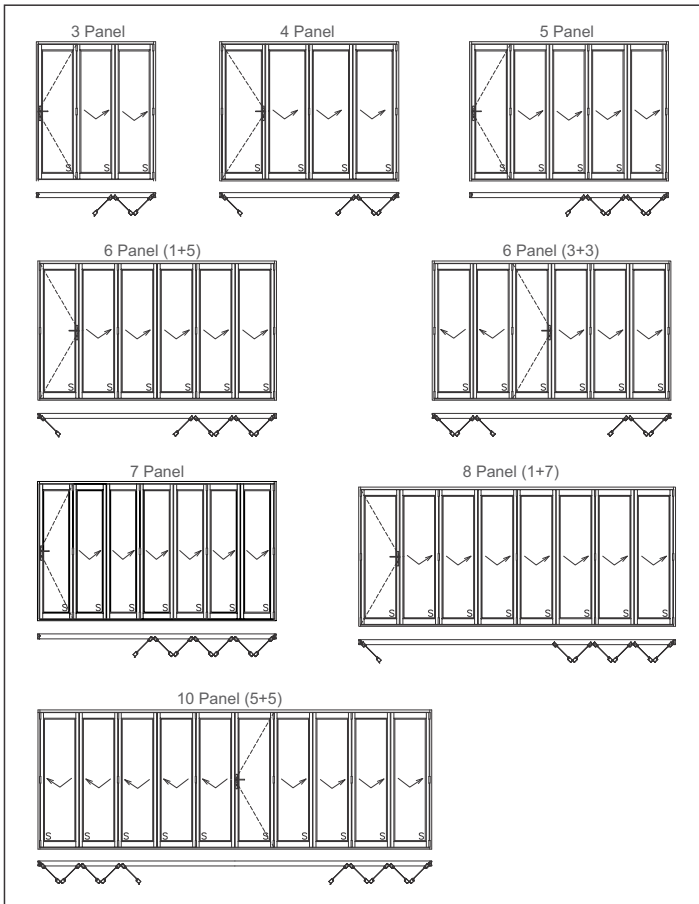


Toplights

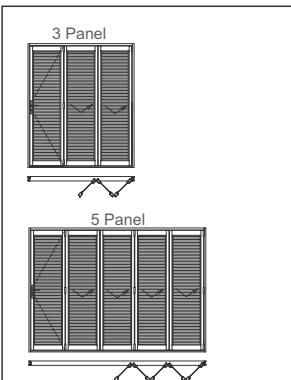


*All product are viewed from the outside (VFO)

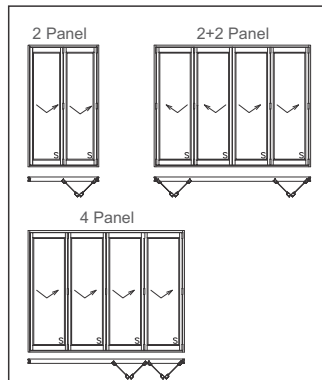
Vistafold Folding



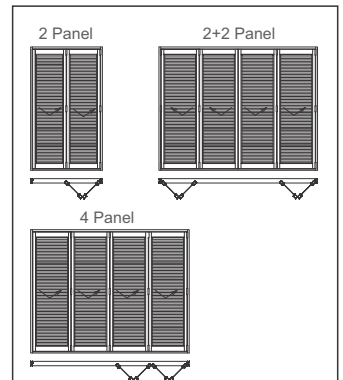
Vistafold with Y Louvre insert



Vistafold Duo



Vistafold Duo with Y Louvre insert



*All product are viewed from the outside (VFO)



EAGLE
ALUMINIUM



EAGLE WINDOWS



■ TOP HUNG / SIDE HUNG

- Tophung windows push upwards and outwards as the handle is located on the bottom horizontal section
- Sidehung windows push outwards and sideways to open and close this window
- Windows are supplied with our unique rounded sash that is aesthetically pleasing on the eye
- Flat sash is readily available at no additional cost, should you want to match an existing project

Our lowest energy efficient value achieved:

U-Value	SHGC
3.437	0.330



■ FIXED

- Suitable where no ventilation is required
- No matter what the design, we will ensure that the necessary safety glass requirements are met
- We manufacture both casement and shop front options, so whether you are just looking for a window or want to create a shop front façade we can assist
- Add any number of aluminium sections whether vertical (mullions) or horizontal (transoms)

Our lowest energy efficient value achieved:

U-Value	SHGC
3.049	0.356





HORIZONTAL SLIDING

Elite

- By far the most popular sliding window due to its favourable price point
- The panels are assembled with straight cuts giving a square and modern look

1000 Series

- A high end sliding window which gives a sleek European impression
- These sashes are assembled with a mitre cut in the corner
- With it's triple track it allows for maximum opening

Palace

- Designed to match the palace door system
- Replace glass with a louvre insert and create a 5 star shutter system

Our lowest energy efficient value achieved:

U-Value	SHGC
4.001	0.278



VERTICAL SLIDING

- This window operates with spring balances for smooth operation
- Both sashes slide to allow optimal ventilation
- Add a colonial bar and transform this window to meet your country style home
- This window can be framed to compliment any hinged or palace door products

Our lowest energy efficient value achieved:

U-Value	SHGC
4.837	0.595





VISTA

- This tough and durable sliding folding window is designed to meet the high standards of upmarket projects
- Bring the outside indoors with unobstructed views of varying widths
- Allows maximum opening as panels fold and stack to one or two sides
- Perfect for entertainment areas with serving hatches
- Insert a louvre into this system and create an added security barrier or simply a 5 star shutter system

Our lowest energy efficient value achieved:

U-Value	SHGC
3.555	0.289



VISTA DUO

- Our recent addition to the Eagle window range, the Vista Duo has grown in popularity
- Similar to the Vista, but this window caters for narrower openings, which may require even numbered panels
- This window is also compatible with louvre inserts to create a shutter system
- This window has internal access only, thereby reducing the risk of any forced entry

Our lowest energy efficient value achieved:

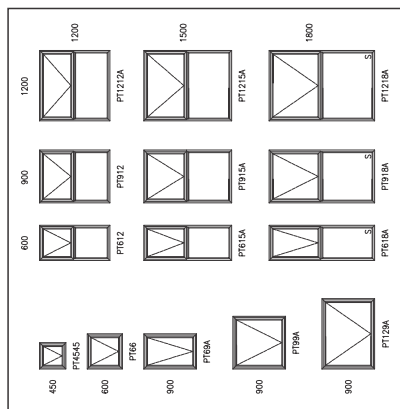
U-Value	SHGC
3.555	0.289



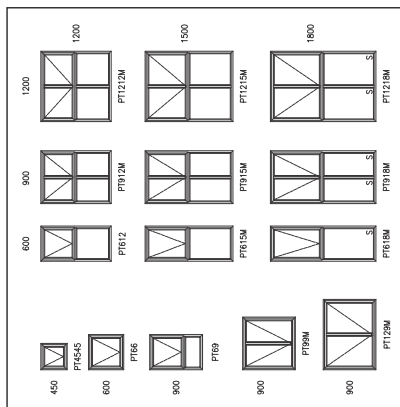
Top Hung

600		PT606	600		PT606	900		PT906	900		PT906	1200		PT1206	1200		PT1206	1500		PT1506	1500		PT1506	1800		PT1806	1800		PT1806	2100		PT2106	2100		PT2106	2400		PT2406
600		PT609	900		PT909	900		PT909	1200		PT1209	1200		PT1209	1500		PT1509	1500		PT1509	1800		PT1809	1800		PT1809	2100		PT2109	2100		PT2109	2400		PT2409			
1200		PT612	1200		PT912	1200		PT912	1500		PT1512	1500		PT1512	1800		PT1812	1800		PT1812	2100		PT2112	2100		PT2112	2400		PT2412	2400		PT2412	2400		PT2412			
1500		PT615	1500		PT915	1500		PT915	1800		PT1815	1800		PT1815	2100		PT2115	2100		PT2115	2400		PT2415	2400		PT2415	2400		PT2415	2400		PT2415	2400		PT2415			
1800		PT618	1800		PT918	1800		PT918	2100		PT2118	2100		PT2118	2400		PT2418	2400		PT2418	2400		PT2418	2400		PT2418	2400		PT2418	2400		PT2418	2400		PT2418			
2100		PT621	2100		PT921	2100		PT921	2400		PT2418	2400		PT2418	2400		PT2418	2400		PT2418	2400		PT2418	2400		PT2418	2400		PT2418	2400		PT2418	2400		PT2418			
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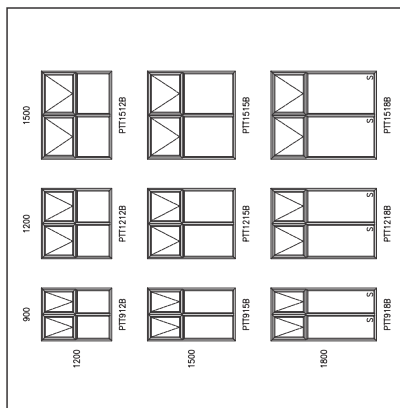
Cape Contemporary



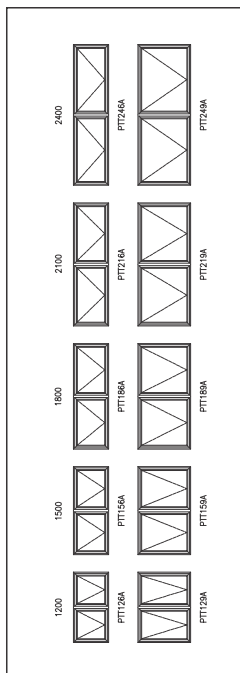
Cape Victorian



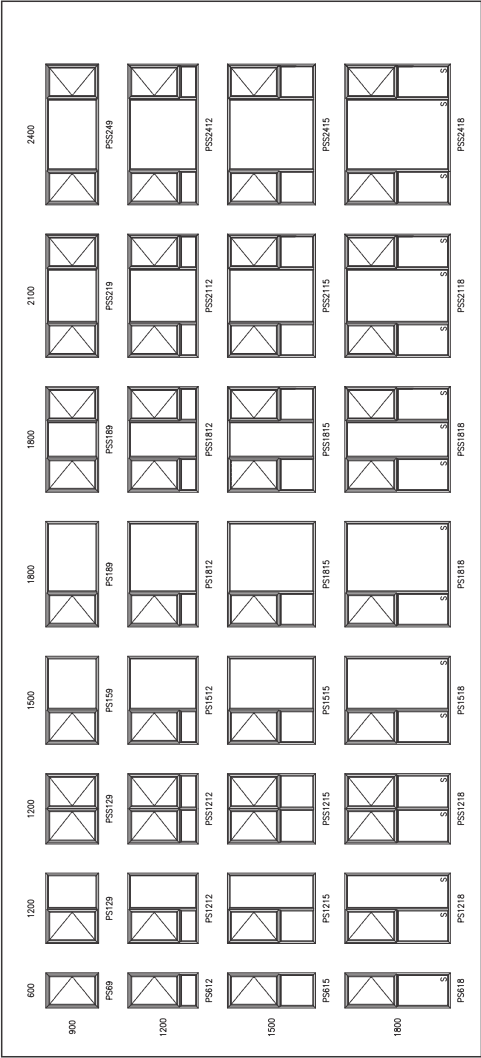
Top Hung B Range



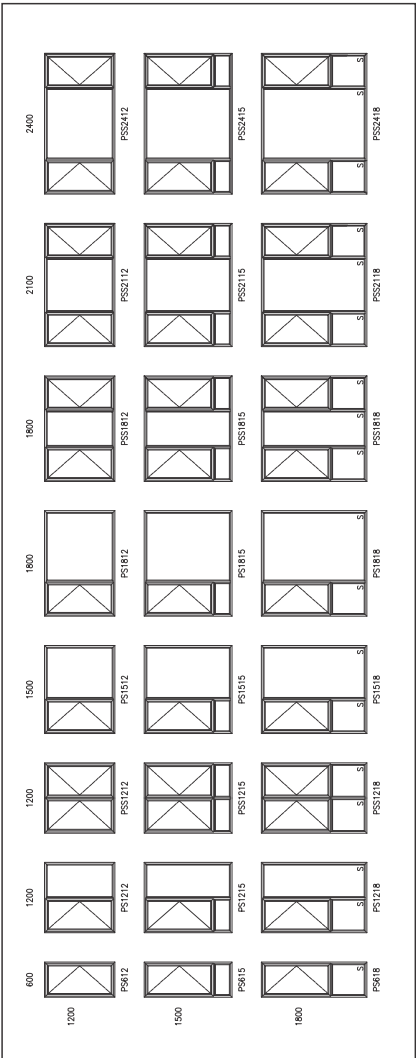
Cape Contemporary A Range



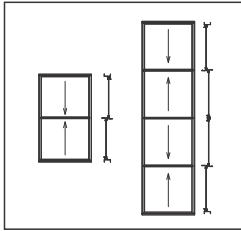
Side Hung - 900mm Sash



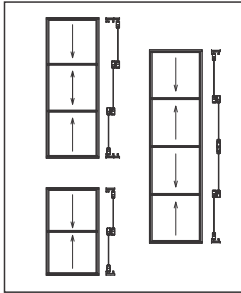
Side Hung B Range - 1200mm Sash



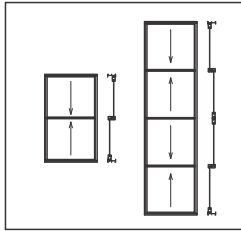
500 Series Sliding



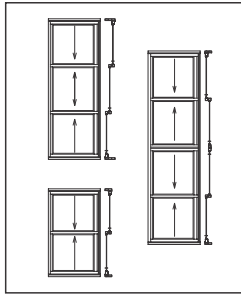
1000 Series Sliding



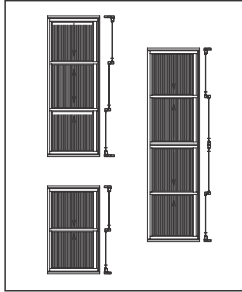
Elite Sliding



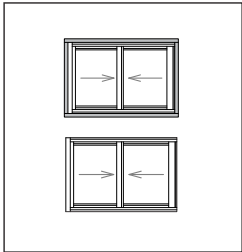
Palace Multi Sliding



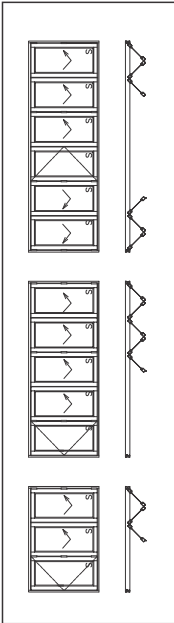
Palace with Y Louvre insert



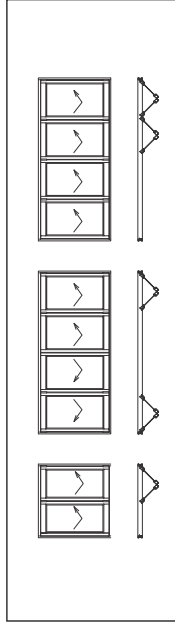
Vertical Sliding



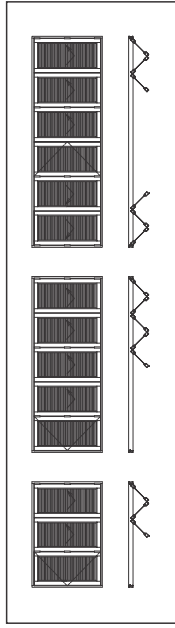
Vistafold Folding



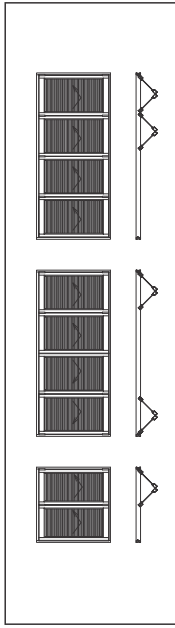
Vista Duo



Vistafold with Y Louvre insert



Vista Duo with Y Louvre insert





PIVOT

- A shower design which is reversible, makes use of optimal space and is easily accessible
- Its contemporary design offers a sleek addition to any bathroom
- Easily secured to the ball joint return panel which can be set at any angle
- Includes an inner door splash seal and a full length magnetic closing system
- Our showers are available in white or natural anodized with either clear or obscure glass
- All glass is SABS approved



TRI-SLIDER

- A superior tri-slider shower door that finally works
- Suitable for any bathroom where space is limited
- Compatible with our ball joint return panel
- Door is securely closed with a full length magnetic closing system
- Our showers are available in white or natural anodized with either clear or obscure glass
- All glass is SABS approved



■ CORNER ENTRY

- Allows a spacious entry to your shower at the corner point
- This shower is superior to any sliding shower panel system on the market
- Door is securely closed with a full length magnetic closing system
- This timeless design is great value for money
- Our showers are available in white or natural anodized with either clear or obscure glass
- All glass is SABS approved



■ PENTAGONAL PIVOT

- Complimented by two return panels with ball joints this shower allows you to extend the entrance to your shower
- There is no compromise in quality and you enjoy all the benefits of an Eagle Pivot shower
- Our showers are available in white or natural anodized with either clear or obscure glass
- All glass is SABS approved



■ FRAMELESS

- Eagle Aluminium manufactures and supplies elegant upmarket frameless showers
- These purpose made showers are SABS approved and are manufactured using our in house tempering furnaces
- Hardware is chrome plated which can include a variety of options like towel rails and robe hooks
- We can facilitate the design of your shower and supply 3D mock up sketches
- Our detailed drawings give you the option to make changes before final manufacture



■ BATH SCREENS

- The Eagle Bathscreen is the perfect solution for any bath and shower combo, offering an elegant and sophisticated solution as an alternative to shower curtains
- This easy to install screen swivels 180 degrees
- The safety glass is SABS approved and is manufactured using our in house tempering furnaces



eco-fly screens
RETRACTABLE INSECT SCREENS

RETRACTABLE INSECT SCREENS

- **Eco-Fly retractable insect screens** offer a practical and visually appealing eco-friendly solution to preventing unwanted flying insects from entering domestic and commercial properties
- The modern, discreet and versatile cassette system design allows Eco-Fly screens to fit most window and door reveals
- Screens are fitted with UV resistant fibreglass mesh netting that provides superior strength without compromising ventilation

SLIDING INSECT SCREENS

- If you are looking for the more traditional flyscreen option, then our sliding screens will meet your requirements
- Sliding screens don't retract and ensure that the opening can be permanently closed with the flyscreen if so desired
- Suitable for high traffic zones and commercial buildings, the midrail on the Eco-Flyscreen door adds to the rigidity of the product limiting the risk of damage through abuse
- Our window options are available in both vertical and horizontal sliding screens
- These products are retrofitted





EAGLE SECURA GLIDE

- Secure your home with an Eagle SECURA Glide
- Manufactured from only A grade material, this security barrier is worth every penny
- Our gates come standard with multi interlocking system for maximum strength and added security
- Available in a wide range of colours to match your current aluminium fenestration products

Benefits of the Multi interlocking system:

- Protects the locks
- Anti twist
- Tamper proof

LOUVRES



EAGLE Y AND Z LOUVRES

- For high security and minimal daylight openings, our louver system is the answer
- Depending on your ventilation requirements you can choose from either Y (less airflow) or Z (greater airflow) louver system
- Great for enclosing areas that you want hidden from the naked eye, air conditioning units, store well etc.



EAGLE
ALUMINIUM



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