











4 Powell Street Osborne Park



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enquiries@ glassworkx.com.au



www.glassworkx. com.au









Introducing Glass Workx (WA) Pty Ltd

The Glass Workx Story

Our story began in 1986. Back then, we started with one man, a shed and an iconic Holden ute.

Today, we are privileged to connect with hundreds of people every day with our range of high quality products, a factory based in Osborne Park, Western Australia, five specialized vehicles and service oriented staff.



Inside this catalogue:

Specialized Glass:

- ⇒ Satin Silk
- \Rightarrow Sunergy
- ⇒ *Optiwhite Safe*
- ⇒ Satin Silver
- ⇒ One-way Vision

Balustrades & Windbreaks:

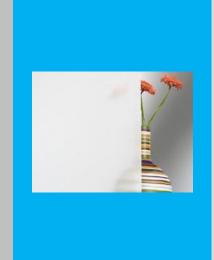
- ⇒ Frameless Glass Balustrade Channel
- *⇒ Harkk Balustrade Systems*
- ⇒ Panora Kinetic Windbreak Systems

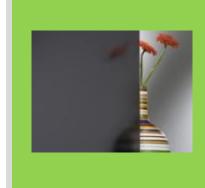
Energy Rated Doors and Windows:

- ⇒ ProGlide High Performance Sliding Doors
- ⇒ View-Max Sliding & Double Hung Windows
- ⇒ ProTilt Awning & Casement Windows
- ⇒ ProVista Sashless Double Hung Windows
- ⇒ PanoraView Guillotine Windows

Services:

- ⇒ Crystal Restoration Services
- ⇒ Residential and Commercial Repairs
- *⇒ Shower Screens*
- \Rightarrow *Mirrors*
- \Rightarrow Glass Cut to Size







Specialized Glass









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SATIN SILK







- Complete Privacy
- Still lets light in
- Fingerprint Resistant
- Easy to clean
- Comes in 4mm, 6mm, 10mm & 12mm thicknesses
- Versatile Can be toughened for any application from balustrading to showerscreens.



SATIN SILK

Satin Silk is totally opaque which gives you complete Great for bathrooms and anywhere else privacy is

Satin Silk has an opalescent quality which still allows light to flow in.

Satin Silk has a smooth silky finish that is fingerprint making it easy to clean and maintain.

Satin Silk Applications:

- ⇒ Balustrading
- *⇒* Showerscreens framed and frameless
- *⇒* Windows and doors
- \Rightarrow Entrance doors framed and frameless
- ⇒ Feature walls
- ⇒ Partitions
- \Rightarrow Glass roofs
- ⇒ Furniture table tops, cupboard doors & shelving





For more information, contact:

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E-mail: enquiries@glassworkx.com.au

SUNERGY



Glass Workx

- High light transmission
- Low reflection and neutral appearance
- Thermal insulation combined with solar control
- · Warm in winter, cool in summer
- Comes in 4mm, 6mm, 8.38mm and 10.38mm thicknesses
- Versatile—Can be toughened for use in curtain walls and balustrades

SUNERGY

Sunergy is totally neutral which gives the appearance of ordinary glass with the benefits of solar control.

Sunergy has a hard coating that allows for easy processing, handling and fitting.

Sunergy combines light transmission, solar control and thermal insulation to make the ideal glass for all seasons.

Sunergy Applications:

- ⇒ Curtain walls
- ⇒ Toughened glass assemblies
- *⇒* Balustrades
- *⇒* Double-glazing
- ⇒ Windows and doors
- \Rightarrow Glass roofs







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S E R I



SUNERGY PERFORMANCE

						Light prope	erties				Ene	ergy (properti	es		
Type of	Posit	ion of the	Thickness	Colour Index	LT%	Reflec	tion %	UV%	DET	ER	EA	SF	Shadii	ng coef	ficient	U-value
glass	Sunergy coating		(mm)	RD65		External	Internal	OV 70	(%)	(%)	(%)	(%)	Tot.	Short wave	Long wave	
Single g	Single glazing - SUNERGY															
Sunergy of	clear	2	4	98	69	9	10	41	56	10	34	62	0.71	0.64	0.07	4.64
		2	6	97	68	9	10	38	54	9	37	60	0.69	0.62	0.07	4.59
		4	8.38	97	67	9	10	<1	50	8	41	58	0.67	0.57	0.09	4.54
		4	10.38	96	66	8	10	<1	49	8	43	57	0.66	0.56	0.09	4.49
Single g	Single glazing - COMFORTPLUS															
ComfortP	lus	4	6.38		62	8	10	<1					0.61			5.9

Colour Index RD65: This index gives a quantitative evaluation of the differences in colour between eight tested colours lighted directly by the illuminant D65 and by the same illuminant transmitted through the glazing.

Light Transmission: Percentage of the light flux (illuminant D65) transmitted through the glass.

Light Reflection: Percentage of the light flux (illuminant D65) reflected by the glass.

Direct Energy Transmission (DET): Percentage of the solar radiation transmitted directly through the glass.

Energy Reflection (ER): Percentage of the solar radiation reflected by the glass.

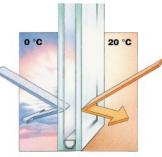
Energy Absorption (EA): Percentage of the solar radiation absorbed by the glass. The absorbed energy is then reradiated to the outside and the inside at different rates depending on the characteristics of the glass, wind speed, internal and external temperatures.

Solar Factor (SF): Radiation transmitted through the glass. It is the sum of the DET and the part of the EA reradiated to the inside of the building.

Ultraviolet Transmission: Percentage of the ultraviolet radiation transmitted through the glass.

Shading Coefficient (SC): Division of the SF by 87 (the SF of 3mm clear glass).

U-value: Characterises the heat transfer through the central part of the glazing.



SATIN SERIES

OPTIWHITE SAFE



- Complete privacy
- Protected from scratching and staining when the painted surface is exposed
- Moisture resistant (can be used in bathrooms and kitchens)
- Easy to maintain
- Comes in 4mm and 8mm
- Can be laminated



OPTIWHITE SAFE

Optiwhite Safe is totally opaque which gives you complete privacy. Great for walk in robes and anywhere else privacy is desired.

Optiwhite Safe has a transparent safe coating which provides full protection of the painted surface from scratching and staining.

Optiwhite Safe has a transparent safe coating which makes it easy to clean and maintain.

Optiwhite Safe Applications:

- *⇒* Sliding wardrobe doors
- ⇒ Splashbacks in kitchens and bathrooms
- \Rightarrow Internal feature walls
- \Rightarrow Partitions
- ⇒ Cupboard doors and shelving



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SATIN SILVER

- · Translucent, neutral satin finish glass
- Easy to maintain
- Highly resistant to stains
- Sophisticated satiny metallic look
- Copper and lead free mirror coating
- Corrosion resistant
- Comes in 4mm
- Can be laminated

Satin Silver **Applications:**

- ⇒ Sliding wardrobe doors
- ⇒ Internal feature walls
- *⇒* Partitions
- ⇒ Cupboard doors and shelving





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ONE-WAY VISION

A safe and effective observation mirror for discreet monitoring.

- Appearance of a mirror
- Laminated for safety
- Low observer area lighting compared to subject area
- A 1:7 lighting ratio is recommended
- Coating protected from scratching
- Noise attenuation



Glass Workx

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S E R I E

S







Balustrades Windbreaks









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Technical Considerations

- It is recommended that a level, firm surface be provided for fixing of the channel.
- Do not fix channel to compressible deck surfaces.
- It is recommended that a suitably qualified engineer is consulted to check on all installations.
- Waterproofing and structural timber deck design are not part of this scope.
- Fixings to concrete—Chemset/Dynabolt, M10 x 100mm stainless steel.

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A new addition to our Satin Series family of products, Harkk Balustrades are a series of handrails, posts and fittings resulting in clean, sharp balustrades and screens.

With numerous systems and types of glass to choose from, you will be able to find a look that suits your specific needs.



- Contemporary balustrade systems
- Clean, minimalist designs with multiple options
- *Unique connectors and rails*
- Engineer tested & certified

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GLASS RAILING WIND BREAK



Material

: AA 6063-T6

RAL 9010 (White)

RAL 1019 (Beige)

Can be produced in custom colors.

RAL 9006 (White aluminum)

Standard Colors: RAL 9005 (Black)



retracting balustrade that is suitable for outdoor applications. Kinetic systems provide all the benefits of a glass railing, with the convenience of an additional wind and rain shield when required. Kinetic systems utilize a concealed self-charging piston system that eliminates the unsightly counterweights, thick profiles, cables, and pulleys that are used by other inferior systems. Kinetic opens manually and closes automatically with a simple touch. The Kinetic FC provides high wind resistance and extra safety. The Kinetic FB is designed to be portable with an integrated planter.

FC MODEL

Fixed to the ground

The Kinetic windbreak system is a vertically

Max. Width Height	: 1.60m : 1.85m	
Operation	: Semi-Automatic	
Glazing	: Bottom&Top Telescopic Of the Service of the Servi	FB MODEL Portable with the feature of Flower be

Max. Width : 1.60m : 1.85m Height Operation Bottom&Top Telescopic Glass 6mm Tempered / Clean Optional: Bottom Fixed Glass 5+1.52PVB+5 T. Laminated Glass Top Telescopic Glass 6mm tempered : 15cm x 35 cm x ** Planter* RAL 9005 (Black) Standard Colors: RAL 9006 (White aluminum) RAL 9010 (White) RAL 1019 (Beige)



GLASS BALUSTRADE KINETIC SYSTEMS



Choose below from the different systems, each system gives its own advantages and options, ranging from the classic Balcony System through to the fully frame-less.









Energy Rated Doors and Windows









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FLOOR TO CEILING DESIGNS FOR MODERN LIVING.



The ProGlide™ range has been designed with Australia's unique architecture and climate in mind. The door allows architects & designers to achieve large expansive openings whilst also offering a weather resistant wheelchair compliant sill to AS1428.1 without the need to compromise on performance or aesthetics.

This range of doors ensures that clients receive a solid, durable high performance product offering with an optional continuous accessible path of seamless transition between internal and external floor finishes.

Designed and manufactured in Australia to meet the extreme Australian Environment, the ProGlide™ range should be your first choice when performance and quality matter.



KEY FEATURES

- ⇒ AS1428.1 wheelchair compliant sill option.
- \Rightarrow Water resistant sill.
- \Rightarrow Large sliding panels.
- ⇒ Inside, outside sliding panels, allowing multiple panel designs.
- \Rightarrow Allows up to four (4) panels stacking in each direction.
- \Rightarrow Heavy duty aluminium profiles.
- ⇒ Accepts up to 14mm single glazed and up to 28mm double glazed units, allowing the system to achieve demanding thermal and acoustic specifications.
- \Rightarrow 90 degree post free corner option.

Maximum Recommended Sizes				
Height	3000mm			
Sash Width	1800mm			
Weight	200kg per sash			













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MAXIMUM VIEW, UNLIMITED POSSIBILITIES.



The View-Max sliding and double-hung window offers unparalleled levels of flexibility by allowing the choice of 76mm or 101.6mm framing to cater for both the slimline applications and those of a more robust commercial design.

This range of windows offers the flexibility of single and double glazing options. View-Max integrates a number of design initiatives that are unique to the system such as proprietary locking, roller and drainage systems.

KEY FEATURES

- ⇒ Designed with sliding & double-hung options to suit 76mm and 101.6mm framing.
- ⇒ Developed specifically for multi-storey residential and architecturally designed housing.
- ⇒ Accepts up to 11mm single glazed and up to 16mm double glazed units.
- thermal and acoustic \Rightarrow Superior performance.
- ⇒ Superior weather performance.
- fabrication \Rightarrow Simple makes these windows cost-effective.

Maximum Recommended Sizes					
	Sliding	Double Hung			
Height	1600mm	1190mm			
Sash Width	1200mm	1200mm			
Weight	50kg per sash	20kg per sash			













MOTORISED GUILLOTINE WINDOWS AND DOORS

A New Solution for Windows and Doors "for a better view"



"Imagine a glass wall that virtually disappears to create a door or window function by sliding up or down, without taking up any space in its operation."

The retractable architectural Guillotine Window and Door System represents a new paradigm to the architectural door and window world. The large spans and vertically retracting frames (up to 5,5m) provide unobstructed views and optimise the versatility of every opening in your buildings.

Put simply, they "broaden your horizons!"





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One size does not suit all!

GUL - Lite Window & Door

- Economical alternative
- Single or double insulated glass
- Non thermally broken insulated framing
- Up to 20mm of glazing thickness
- Direct drive, 120Nm tubular motor
- Maximum retraction area of 12m²
- Maximum operable frame 140 kg
- Aesthetic look
- Minimalistic frames 125mm Motor Box

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GUM - Medium Window & Door

- Best for residential and commercial projects
- Thermally broken profiles and frames
- Excellent thermal insulation, up to 1.6Uw
- Up to 32mm of glazing thickness
- Geared drive, 120Nm tubular motor
- Maximum retraction area of 16m²
- Maximum operable frame 300 kg
- Aesthetic look
- Minimalistic frames



GUG - Grand Window & Door

- Best for large opening and commercial operation
- Thermally broken profiles and frames
- Excellent thermal insulation, up to 1.6Uw
- Up to 32mm of glazing thickness
- 3 phase 0.55 Kva Screw drive operation
- Maximum retraction area of 25m²
- Maximum operable frame 600 kg
- Aesthetic look





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The ProVista™ Sashless Double Hung window offers unobstructed views whether the window is open or not. The two panes of glass slide smoothly and effortlessly past each other with a minimalist design.

It creates a clean and modern aesthetic feel while also providing maximum ventilation.

KEY FEATURES

- \Rightarrow 2, 3 and 4 pane configurations.
- \Rightarrow New build and retrofit compatible.
- ⇒ Snap in jambs providing concealed fixings and pulleys.
- ⇒ Vent lock and key locking options.
- ⇒ Excellent weather, bushfire, acoustic and energy performance.

Maximum Recommended Sizes						
Sash Height 1800mm						
Sash Width	Dependant or	Dependant on sash weights				
Sash Weight	Std Pulley	Wide Pulley				
sasii weigiii	25kg	40kg				













Glass Workx (WA) Pty Ltd 4 Powell Street OSBORNE PARK WA 6017



SUPERIOR WEATHER PERFORMANCE AND EXCELLENT THERMAL & ACOUSTIC GRADE.



The ProTilt™ High Performance Awning and Casement windows are ideally suited for residential, hotel and commercial applications.

Featuring overlapping internal and external seals, the ProTiltTM window is the preferred choice where superior weather performance is required. A range of glass thickness options from 5mm to 28mm allows the system to be configured for excellent thermal and acoustic performance.

The system can be used with a range of available stays while offering multi-point locking options and a proprietary winder.



KEY FEATURES

- ⇒ Concealed multi-point locking.
- ⇒ Superior weather performance.
- ⇒ Accepts up to 16mm single glazed and up to 28mm double glazed units, allowing the system to achieve the most demanding thermal and acoustic specifications.
- \Rightarrow Excellent thermal and acoustic performance.

Maximum Recommended Sizes				
	Awning	Casement		
Max Height	2000mm	2100mm		
Min Height	400mm	900mm		
Max Width	1500mm	1000mm		
Min Width	500mm	500mm		
Max Area	$2.4m^2$	$2.0m^2$		
Max Weight	136kg	49kg		

















Services











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Do you have any chipped or cracked crystal or glass vases, etc.? Ask us about our

restoration services...





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4 Powell Street OSBORNE PARK WA 6017





Commercial Glass Repairs

ADDRESSING THE NEEDS OF PROPERTY MANAGERS, INSURERS AND OWNERS WITH A COMPREHENSIVE REPAIR SERVICE.

Glass Workx is a company that draws on the diversity of its staff experience and expertise to achieve a freshness of approach. We have extensive experience in providing high quality glazing products and sound glazing practices. We have expertise in dealing with complex sites and innovative construction programs.

Our goal is to develop long term, mutually beneficial partnerships with companies that require our core product and service offerings.

We realise that every business is different and therefore has unique needs when it comes to glazing. Our directors work closely with our clients to understand the dynamics of their business and develop the right glazing solution to suit their needs.

- Commercial Shopfronts
- Aluminium Framed & Frameless doors
- Locks, handles and closers
- Scratch Removal

• Energy rated glass

• Glass Partitions



Please call or e-mail us for more information.

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Residential Glass Repairs

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Our goal is to develop long term, mutually beneficial partnerships with companies that require our core product and service offerings.

We realise that every business is different and therefore has unique needs when it comes to glazing. Our directors work the right glazing solution to suit their needs.



- mesh screens
- Energy rated glass
- Mirrors

Please call or e-mail us for information.

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E-mail: enquiries@glassworkx.com.au





Shower Screens

SEMI-FRAMELESS





E-mail: enquiries@glassworkx.com.au

Tailor a Shower Screen to Suit Your Needs and Budget

Glass shower screens bring an elegant touch to any bathroom. Our trained and experienced staff can help you create a shower screen that optimizes space and enhances your bathroom.

We carry a large range of quality products and are happy to assist with any custom design needs.

FRAMELESS - FOR A TOUCH OF LUXURY

A made-to-order frameless shower screen can revamp your bathroom into an ultramodern look that defies gravity. The clean, simple lines of a frameless shower screen add the finishing touch to your new luxurious bathroom.



SEMI-FRAMELESS - FOR A TOUCH OF CHIC

Semi-frameless shower screens set the standard for style, quality and value. They are designed to be versatile, robust and elegant. They are perfect for a sophisticated, durable and austere design. The framing and accessories are designed to blend with contemporary decors.





FRAMED - FOR A TOUCH OF STYLE

Everyone loves the classics! The fully framed shower screen offers outstanding strength and durability. Framed shower screens are ideal for the value-conscious. They tick every box—classic good looks, long-life performance and value.





Mirrors





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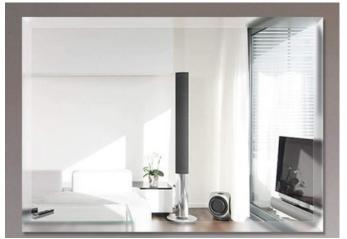
Stylish Attention to Detail

Mirrors deliver a key feature in the design or redesign of any bathroom, home or gym. When chosen and hung with intention, mirrors serve as an impressive and practical centerpiece, enhance lighting and produce the illusion of space.

The versatility of mirrors make them a way to give instant flair to any space. They light up dark areas and add grandeur to your space. Choosing a mirror to match the style of your space will add intensity and aspect.

FRAMELESS - FOR A TOUCH OF **GRANDEUR**

A made-to-order frameless mirror can revamp your space into an ultramodern look that defies gravity. The clean, simple lines of a frameless mirror add the finishing touch to your new space.



SEMI-FRAMELESS - FOR A TOUCH OF CHIC

Semi-frameless mirrors set the standard for style, quality and value. They are designed to be versatile, robust elegant. They are perfect for a and sophisticated, durable and austere design. The framing and accessories are designed to blend with contemporary decors.

FRAMED - FOR A TOUCH OF STYLE

Everyone loves the classics! The fully framed mirror offers protection of fingers from sharp edges whilst giving a timeless, finished look to any space. Framed shower mirrors are ideal for the detail-oriented. They tick every box classic good looks, long-life performance and value.





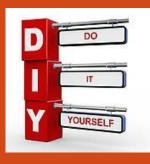


GLASS CUT TO SIZE



Sometimes you just need a piece of glass to fix a window or door yourself, or a mirror to fit yourself, or replace the side / rear vision e-mail us with requirements and we'll give











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