



GLASS FENCING POOL & BALUSTRADE



The Guardian Glass Pool & Balustrade Fencing range is a modern, architecturally designed modular system that meets NZ safety standards, perfect for elevating your outdoor living space.

This buyers guide will assist you in choosing the ideal glass fencing system to meet your project requirements.

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 INSTALLATION GUIDES

 GLASS CALCULATOR

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Glass Pool

The **Guardian Frameless Glass Pool Fencing** range provides a modern, architecturally designed modular system that will add a contemporary and sophisticated look to your home.

Glass provides an uninterrupted view creating a seamless open flow between outdoor areas, while reflecting light and making small backyards seem larger.

KEY FEATURES:

- ▶ Spigots made from 2205 Stainless Steel
- ▶ Toughened safety glass - meets AS/NZ 2208 (Australian/New Zealand)
- ▶ 12 year warranty
- ▶ Installation instructions available

(See page 10 for care & maintenance)

BEFORE YOU START

- ▶ Contact your local council before deciding on your fencing requirements.
- ▶ Check for all underground services.
- ▶ In the case of a pool fence, ensure your gate opens away from the pool. Your latch will sit 300mm down on the inside of the pool area.
- ▶ If using inline Latch & Hinge set you will require a hinge panel with pre-drilled holes for your gate to hinge on. See our product list for options.
- ▶ Hinge and Latch sets available for wall-mount and corner attachment.
- ▶ Refer to Guardian Glass Pool Fencing Producer Statement (PS1).

SUITABLE USAGE

- ▶ Pool Fencing - Guardian glass pool fencing meets Australian/New Zealand Safety Standards AS1926.1
- ▶ Spigot Posts - Can be installed onto concrete, paved, tiled and timber surfaces. (Refer to PS1 for fixing requirements)

PANEL DETAILS

- ▶ All panels are made from quality 12mm Toughened Safety Glass and are all 1200mm high.
- ▶ Gates are made from quality 8mm toughened safety glass and are 1200mm high.

WIND ZONES

- ▶ LOW to EXTRA HIGH WIND LOADS. This system is suitable for Low to Extra High Wind Zones.
- ▶ Refer to spacing chart on PS1.

CARE INSTRUCTIONS & CONSIDERATIONS

Satin is not recommended in coastal areas due to tea staining.

Exposure to UV light, pollution, salt deposits and chemicals can affect the performance of the product coating if not removed with regular washing.

Components made from 316 marine grade stainless steel are subject to discolouration over time. This does not affect the structural integrity and longevity of the material and can be removed by following correct care and maintenance procedures.

For more information, visit www.guardianfencing.co.nz/resources

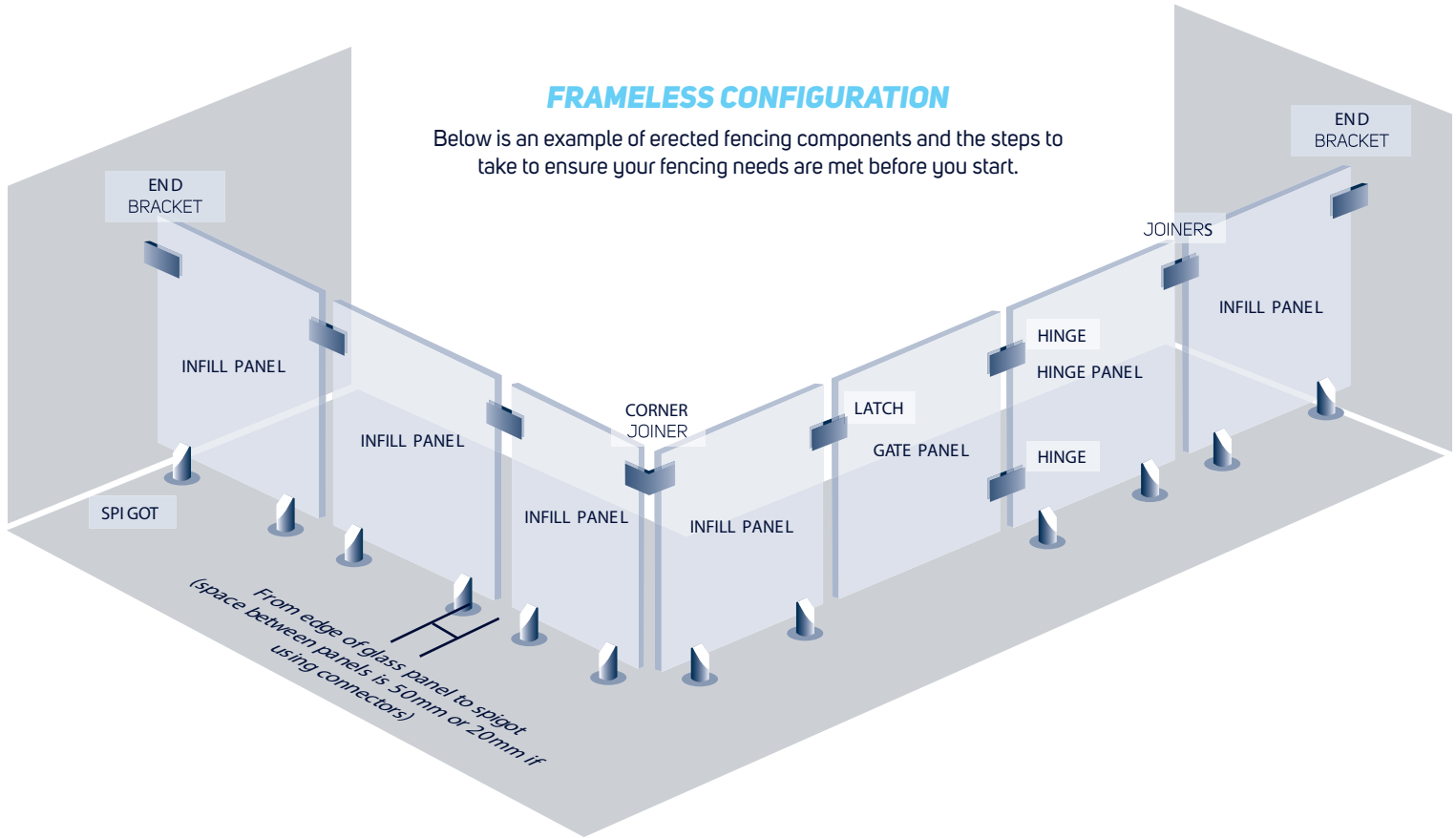
A gentle monthly clean with a soft brush, warm water and mild detergent followed by a rinse of fresh water will maintain the finish of both powder coated coloured and stainless steel fencing components.



FRAMELESS INSTALLATION

FRAMELESS CONFIGURATION

Below is an example of erected fencing components and the steps to take to ensure your fencing needs are met before you start.



PLAN, MEASURE & ORDER

- ▶ Establish fence and gate position by creating a map of your site using the planner.
- ▶ Calculate and mark on the checklist how many of each component is required.
- ▶ Contact one of our stockists to complete your order.
- ▶ For assistance email sales@guardianfencing.co.nz

STRING LINE & POSITIONS

- ▶ Set up a level string line on the fence line.
- ▶ Starting from the end of the fence, place the Spigots and mark out all Spigot positions.
- ▶ For best appearance, Panels should be spaced approximately 50mm apart if not using Connectors and 20mm if using Connectors.

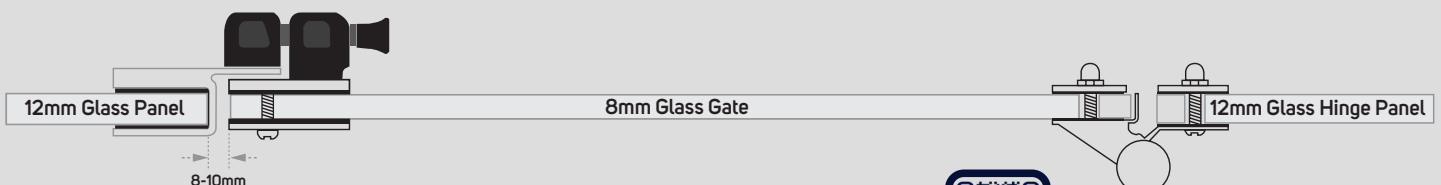
INSTALL SPIGOTS & PANELS

- ▶ Make sure all Spigots are straight for easy glass insertion.
- ▶ Remove cover plates from Spigots, drill the holes and fix the first 2 Spigots. Replace the cover plate.
- ▶ Insert the panel into the Spigots and adjust to ensure it is level before moving on to the next panel.

INSTALL THE GATE

- ▶ Attach the hinge and latch components to the Gate Panel and the Hinge Panel making sure the latch is on the inside.
- ▶ Use timber blocks to assist with attaching the gate to the hinge panel.
- ▶ Use an Allen key to tension the hinge so that the gate is self closing from any position.

GATE TO GLASS HINGE & LATCH SETUP



Visit our website for hinge assembly instructions.

▶ www.guardianfencing.co.nz/resources



GLASS POOL SYSTEM PANELS & ACCESSORIES



TOOLS CHECKLIST

- TAPE MEASURE
- STRING LINE
- DRILL & DRILL BIT SET
- SPIRIT LEVEL
- STANLEY KNIFE
- HEX KEY SET
- HACKSAW/ ANGLE GRINDER
- STEEL CAP FOOTWEAR
- GLOVES (GLASS GRIP)
- TIMBER BLOCKS

Require Council Consent?

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GLASS INFILL PANELS

PANEL SIZE	PRODUCT CODE	QTY
300mm x 1200mm x 12mm	GF-INPANEL-300	
400mm x 1200mm x 12mm	GF-INPANEL-400	
500mm x 1200mm x 12mm	GF-INPANEL-500	
600mm x 1200mm x 12mm	GF-INPANEL-600	
700mm x 1200mm x 12mm	GF-INPANEL-700	
800mm x 1200mm x 12mm	GF-INPANEL-800	
900mm x 1200mm x 12mm	GF-INPANEL-900	
1000mm x 1200mm x 12mm	GF-INPANEL-1000	
1100mm x 1200mm x 12mm	GF-INPANEL-1100	
1200mm x 1200mm x 12mm	GF-INPANEL-1200	
1300mm x 1200mm x 12mm	GF-INPANEL-1300	
1400mm x 1200mm x 12mm	GF-INPANEL-1400	
1500mm x 1200mm x 12mm	GF-INPANEL-1500	

GLASS HINGE PANELS

PANEL SIZE	PRODUCT CODE	QTY
900mm x 1200mm x 12mm	GF-HPANEL-900	
1000mm x 1200mm x 12mm	GF-HPANEL-1000	
1100mm x 1200mm x 12mm	GF-HPANEL-1100	
1200mm x 1200mm x 12mm	GF-HPANEL-1200	
1300mm x 1200mm x 12mm	GF-HPANEL-1300	

GLASS GATE PANEL

PANEL SIZE	PRODUCT CODE	QTY
900mm x 1200mm x 8mm	GF-GPANEL-900	

Need help with Installation?

SCAN THE QR or visit our website to access all Guardian **Installation Guides**.



www.guardianfencing.co.nz

GLASS POOL SYSTEM ACCESSORIES

 We offer a range of high-quality glass fixing components to accommodate for individual style preferences and ensure a modern, up-market finish.

TOP MOUNT SPIGOT SYSTEM

EMPIRE SPIGOT (SQUARE) STAINLESS STEEL

- POLISHED**
CODE: GH-SF-RSF-P
- SATIN**
CODE: GH-SF-RSF-S
- MATT BLACK**
CODE: GH-SF-RSF-B



EIFFEL SPIGOT STAINLESS STEEL

- POLISHED**
CODE: GH-SF-RAF-P
- MATT BLACK**
CODE: GH-SF-RAD-B



PISA SPIGOT (ROUND) STAINLESS STEEL

- POLISHED**
CODE: GH-SF-RRF-P




FACE FIXED SPIGOT SYSTEM

New

FACE FIXED SPIGOT STAINLESS STEEL

- POLISHED**
CODE: GHB-FF029-P
- MATT BLACK**
CODE: GHB-FF029-B

Matt Black Hardware Suitable for Pool and Balustrade

-  Modern and minimalistic
-  Electrostatic powdercoated stainless steel
-  More durable and corrosion resistant than ordinary polished or brushed surfaces



GLASS CONNECTORS (OPTIONAL)

INLINE JOINER STAINLESS STEEL

- POLISHED**
CODE: GH-GC-INLINE-P
- SATIN**
CODE: GH-GC-INLINE-S
- MATT BLACK**
CODE: GH-GC-INLINE-B



CORNER JOINER STAINLESS STEEL

- POLISHED**
CODE: GH-GC90-CNR-P
- SATIN**
CODE: GH-GC90-CNR-S
- MATT BLACK**
CODE: GH-GC90CRNR-B



END BRACKET STAINLESS STEEL

- POLISHED**
CODE: GH-GC-ENDBRKT-P
- SATIN**
CODE: GH-GC-ENDBRKT-S
- MATT BLACK**
CODE: GH-GC-ENDBRCK-B



GLASS GATE COMPONENTS

INLINE GATE LATCH PACK STAINLESS STEEL

- POLISHED**
CODE: GH-LATCH180-P
- SATIN**
CODE: GH-LATCH180-S
- MATT BLACK**
CODE: GH-LATCH180-B



GATE LATCH WALL/POST MOUNT STAINLESS STEEL

- POLISHED**
CODE: GHB-WPLATCH-P
- SATIN**
CODE: GHB-WPLATCH-S
- MATT BLACK**
CODE: GHB-WPLATCH-B



GATE OUTSWING LATCH STAINLESS STEEL

- POLISHED**
CODE: GHB-LATCHCNR-P
- SATIN**
CODE: GHB-LATCHCNR-S
- MATT BLACK**
CODE: GHB-LATCHCNR-B



INLINE GATE HINGE STAINLESS STEEL - 2 PACK

- POLISHED**
CODE: GH-HINGE-G2G-P
- SATIN**
CODE: GH-HINGE-G2G-S
- MATT BLACK**
CODE: GH-HINGE-G2G-B



WALL/POST TO GLASS HINGE STAINLESS STEEL - 2 PACK

- POLISHED**
CODE: GHB-HINGE-SQ-P
- SATIN**
CODE: GHB-HINGE-SQ-S
- MATT BLACK**
CODE: GHB-HINGE-SQ-B





Glass Balustrade

The Guardian Frameless Glass Balustrade Fencing range complies with New Zealand standards, providing stylish, safe and secure protection from heights. Choose from either Top Fixed or Face-Fixed fixings with multiple styles and finishes as well as electrostatic coated matt black accessories, our most popular choice across kiwi homes.

Balustrade must be installed with a handrail for compliance, there are 2 options featuring classic top cap or offset for an elegant floating look.

All glass balustrade systems must be installed with a handrail (AS/NZS 1170).

KEY FEATURES:

- ➔ Spigots made from 2205 Stainless Steel
- ➔ Toughened safety glass - meets NZS 1170.1 safety standards and wind loads as per AS/NZS 1170.2
- ➔ 12 year warranty
- ➔ Installation instructions available

(See page 10 for care & maintenance)

Need help with Installation?

SCAN THE QR or visit our website to access all Guardian **Installation Guides**.



BEFORE YOU START

- ➔ Contact your local council before deciding on your Balustrade requirements.
- ➔ Refer to Guardian Glass Balustrade Producer Statement (PS1).
- ➔ For assistance email sales@guardianfencing.co.nz

SUITABLE USAGE

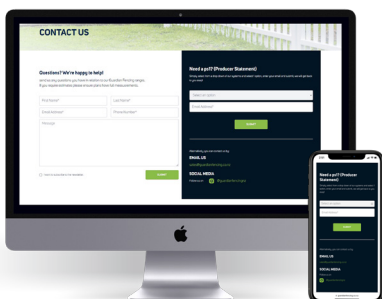
- ➔ Guardian Glass Balustrade fencing meets Australian/ New Zealand Safety Standards NZS 1170.1 and wind loads as per AS/NZS1170.2
- ➔ Spigot Posts - Can be installed on concrete, timber and tiled surfaces.

PANEL DETAILS

- ➔ All panels are made from quality 12mm heat soaked toughened safety glass.
- ➔ Balustrade Panels are designed for use with a handrail:
Spigot Balustrade - Simply turn glass so holes are covered by the Spigots if using with a Top Mount Handrail.
Face Fixed Balustrade - Designed for use a Top Mount Handrail.

WIND ZONES

- ➔ LOW TO EXTRA HIGH WIND ZONES.
Guardian Balustrade Systems are suitable for Low to Extra High Wind Zones.
- ➔ Refer to spacing chart on PS1.



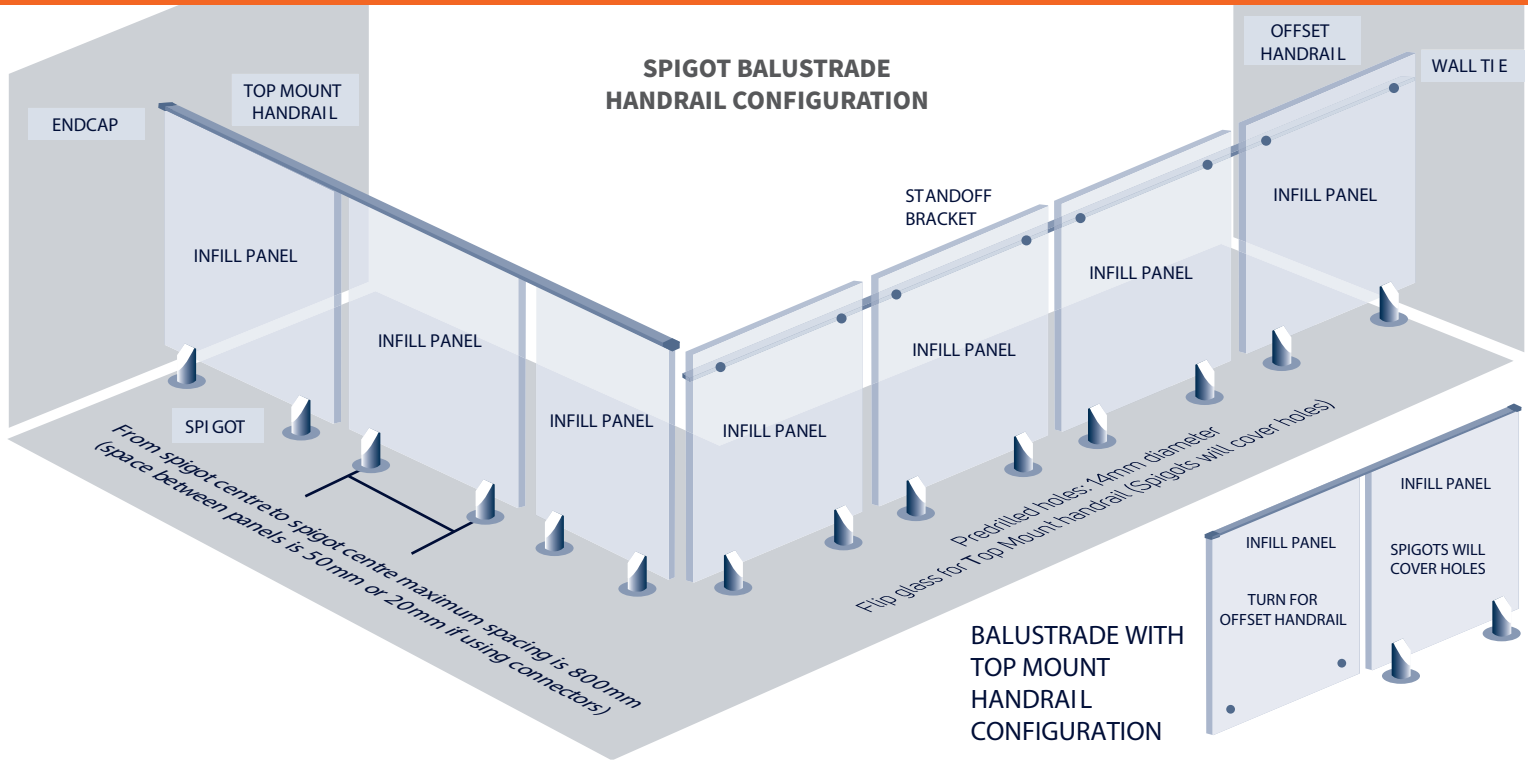
✔ Need a PS1?

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www.guardianfencing.co.nz/contactus



GLASS BALUSTRADE SYSTEM

INSTALLATION GUIDE



BALUSTRADE WITH TOP MOUNT HANDRAIL CONFIGURATION

PLAN, MEASURE & ORDER

- ▶ Use the planner to establish your glass and hardware requirements.
- ▶ Calculate and mark on the checklist how many of each component is required.
- ▶ Contact one of our stockists to complete your order.
- ▶ For assistance email sales@guardianfencing.co.nz

STRING LINE & POSITIONS

- ▶ Set up a level string line.
- ▶ Starting from the end of the string line mark out all Spigot positions.
- ▶ For best appearance Panels should be spaced approximately 50mm apart.

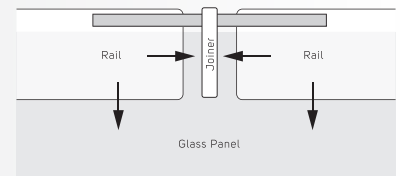
INSTALL SPIGOTS & PANELS

- ▶ Make sure all Spigots are straight for easy glass insertion.
- ▶ Remove cover plates from Spigots, drill the holes and fix the first 2 Spigots. Replace the cover plate.
- ▶ With Offset Handrail: Attach panel with the predrilled holes at the top.
- ▶ Top Mount Handrail: Attach the panel with the predrilled holes at the bottom, holes will be covered by the spigots.
- ▶ Insert the panel into the Spigots and adjust to ensure it is level before moving onto the next Panel.

TOP MOUNT HANDRAIL SET UP

- ▶ Fit desired End Cap onto the rail. Place rail onto glass in position. Working across connect the rails together using the appropriate Joiner. Cut the rail length if needed.
- ▶ Cut rail lengths with a hack saw in a mitre box. Smooth cut ends with a metal file and 180 grit sandpaper.
- ▶ Ensuring components are free of dust and contaminants, glue fittings onto the rail using Loctite 638 or Selleys Araldite Super Strength and wait to dry (24hrs).
- ▶ Remove rail and run a bead of Glazing Silicone (non acid cure) on the top edge of the glass. Replace the rail onto the glass and run a bead of Silicone along the edges of the rail that meets the glass.

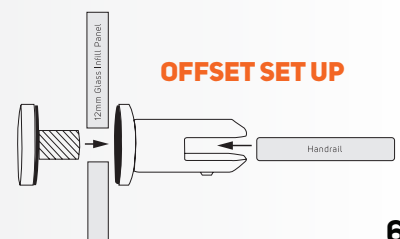
TOP MOUNT SET UP



OFFSET HANDRAIL SET UP

- ▶ Fit the Stand Off Brackets into each of the predrilled holes in the panel and tighten.
- ▶ Fit End Bracket onto one Handrail. Starting from the end, fit handrail into the Stand Off Brackets and loosely tighten so it holds in place.
- ▶ Working across, connect Handrails together using the appropriate handrail Joiner. Loosely tighten the handrail into the Stand Off Brackets as you go.
- ▶ Finish with an End Bracket. Check positioning before final tightening of all screws.

OFFSET SET UP



GLASS BALUSTRADE SYSTEM

PANELS & ACCESSORIES



TOOLS CHECKLIST

- TAPE MEASURE
- STRING LINE
- DRILL & DRILL BIT SET
- SPIRIT LEVEL
- STANLEY KNIFE
- HEX KEY SET
- HACKSAW/ ANGLE GRINDER
- STEEL CAP FOOTWEAR
- GLOVES (GLASS GRIP)
- TIMBER BLOCKS

Require Council Consent?

Scan the QR or visit our website to access request a **Producer Statement (PS1)**



GLASS BALUSTRADE PANELS (PRE-DRILLED FOR STANDOFF PINS)

PANEL SIZE	PRODUCT CODE	QTY
600mm x 970mm x 12mm	GF-BPANEL-600	
700mm x 970mm x 12mm	GF-BPANEL-700	
800mm x 970mm x 12mm	GF-BPANEL-800	
900mm x 970mm x 12mm	GF-BPANEL-900	
1000mm x 970mm x 12mm	GF-BPANEL-1000	

PANEL SIZE	PRODUCT CODE	QTY
1100mm x 970mm x 12mm	GF-BPANEL-1100	
1200mm x 970mm x 12mm	GF-BPANEL-1200	
1300mm x 970mm x 12mm	GF-BPANEL-1300	
1400mm x 970mm x 12mm	GF-BPANEL-1400	
1500mm x 970mm x 12mm	GF-BPANEL-1500	

TOP MOUNT SPIGOT SYSTEM

EMPIRE SPIGOT (SQUARE) STAINLESS STEEL

- POLISHED**
CODE: GH-SF-RSF-P
- SATIN**
CODE: GH-SF-RSF-S
- MATT BLACK**
CODE: GH-SF-RSF-B

EFFEL SPIGOT STAINLESS STEEL

- POLISHED**
CODE: GH-SF-RAF-P
- MATT BLACK**
CODE: GH-SF-RAD-B

PISA SPIGOT (ROUND) STAINLESS STEEL

- POLISHED**
CODE: GH-SF-RRF-P

FACE FIXED SPIGOT SYSTEM

New

FACE FIXED SPIGOT STAINLESS STEEL

- POLISHED**
CODE: GHB-FF029-P
- MATT BLACK**
CODE: GHB-FF029-B

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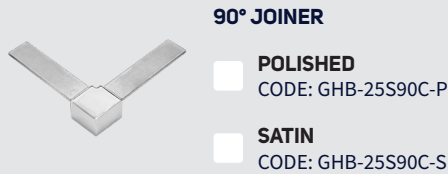


GLASS BALUSTRADE SYSTEM

ACCESSORIES

TOP MOUNT HANDRAIL SYSTEM

POLISHED & SATIN - STAINLESS STEEL



TOP MOUNT HANDRAIL SYSTEM

MATT BLACK - ELECTROSTATIC POWDERCOATED SS



OFFSET HANDRAIL SYSTEM

POLISHED ONLY- STAINLESS STEEL



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Face Fixed Balustrade

PLAN, MEASURE & ORDER

- ▶ Use the planner to establish your glass and hardware requirements.
- ▶ Contact one of our stockists to complete your order.
- ▶ Calculate and mark on the checklist how many of each component is required.

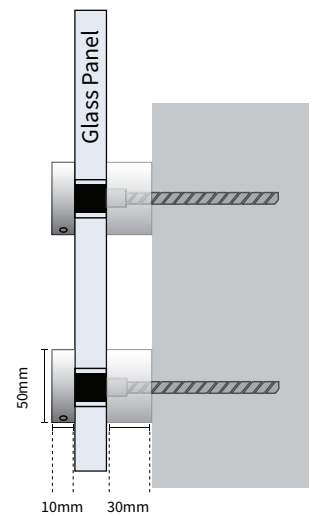
MARK LINE & POSITIONS

- ▶ Mark the fence line at the start and finish points of each glass panel.
- ▶ Starting from the end of the string line, mark out all Standoff pin positions.
- ▶ For best appearance, Panels should be spaced approximately 50mm apart if not using Connectors, and 20mm if using Connectors.

INSTALL PINS & PANELS

- ▶ Set up Standoff pins for installation using appropriate fixings.
- ▶ Install the glass panels. Tighten the standoff pins using the spanner tool.
- ▶ Fit Top Mount handrail onto panels.
- ▶ Full installation instructions are available for download on our website.

FACE FIXED SET



FACE FIXED BALUSTRADE SYSTEM PANELS & ACCESSORIES

FACE FIXED GLASS PANELS (PRE-DRILLED FOR STANDOFF PINS)

Note: Suitable for Top-mount Handrail only

PANEL SIZE	PRODUCT CODE	PINS REQUIRED	QTY
600mm x 1280mm x 12mm	GF-FFPANEL-600	4	
700mm x 1280mm x 12mm	GF-FFPANEL-700	4	
800mm x 1280mm x 12mm	GF-FFPANEL-800	6	
900mm x 1280mm x 12mm	GF-FFPANEL-900	6	
1000mm x 1280mm x 12mm	GF-FFPANEL-1000	6	

PANEL SIZE	PRODUCT CODE	PINS REQUIRED	QTY
1100mm x 1280mm x 12mm	GF-FFPANEL-1100	6	
1200mm x 1280mm x 12mm	GF-FFPANEL-1200	8	
1300mm x 1280mm x 12mm	GF-FFPANEL-1300	8	
1400mm x 1280mm x 12mm	GF-FFPANEL-1400	8	
1500mm x 1280mm x 12mm	GF-FFPANEL-1500	8	

FACE FIXED ACCESSORIES



**STANDOFF PIN 50X30MM
STAINLESS STEEL**

POLISHED
CODE: GHB-FACEFIXP



**STANDOFF PIN 50X30MM
POWDERCOATED S-STEEL**

MATT BLACK
CODE: GHB-FACEFIXB



**STANDOFF PIN SPANNER
INSTALLATION OF 50MM PINS**

STAINLESS STEEL
CODE: GHB-SPANNER

GLASS POOL & BALUSTRADE

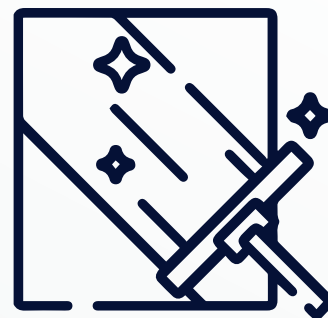
CARE & MAINTENANCE

GLASS CARE & MAINTENANCE

Exposure to UV light, pollution, salt deposits and chemicals can affect the performance of the glass fence panel coating if not removed with regular washing.

To maintain a clean, clear, and luxurious look to your glass fence, follow these simple steps:

1. Rinse the glass with a low-pressure garden hose to remove any loose surface deposits
2. Using a clean non-abrasive cloth and warm soapy water (use dishwashing liquid instead of glass cleaners), remove any remaining dust, salt, and other deposits.
3. Rinse off with a low-pressure garden hose. Then allow the glass to air dry or use a good quality squeegee to remove excess water.



STAINLESS STEEL ACCESSORIES

Guardian Stainless Steel components made from 316 marine grade stainless steel are subject to discolouration over time. This discolouration is commonly known as Tea Staining and can be removed by following correct maintenance procedures.

Use specialised cleaning products such as a Stainless Steel Cleaner and a non-scratch cleaning sponge.

- Perform regular maintenance (every 3 months)
- Wash regularly with clean fresh water, mild detergent and a cloth or soft brush
- After washing, rinse with clean water and wipe the surface dry with a soft absorbent cloth going with the grain on brushed stainless steel
- Do not use abrasive cleaners or a scouring pad of any type to avoid excessive wear and dulling the finish

GUARDIAN RESOURCES



Visit our Website:

- Installation Guides
 - Glass Calculator
 - Inspiration
 - Estimates
- www.guardianfencing.co.nz

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WHERE TO BUY

 You can find Guardian Fencing products at selected hardware stores across New Zealand.
Visit our website to find your nearest stockist.

GLASS CALCULATOR

Not sure how to get started? Use our personalised Glass Calculator to make project planning a breeze.

calculator.guardianfencing.co.nz

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Available on Web & Mobile



READY TO INSTALL?

Scan the QR to access our Installation Guides



PRODUCT DISCLAIMER

- Customers should not rely solely on the advice of this brochure.
- Guardian Glass Balustrade must be installed with a handrail (AS/NZS 1170).
- Customers should consult a Licensed Building Practitioner if they have any concerns as to the suitability of the surface to which the fencing is being installed.
- Customers need to be aware that the installation needs to comply with the NZ Building code even where a building consent is not required.



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