

GLASS POOL FENCES FOR UNOBSCURED VIEWS AND MAXIMUM SECURITY

Toughened safety glass matched with stainless gate
and latch hardware for beauty and peace of mind

2022 - SELECTION GUIDE



METRO
PERFORMANCE GLASS

Latches



MAGNA GATE LATCH



POOL GATE LATCH



MALIBU GATE LATCH



OZONE GATE LATCH

Hinges

MALIBU GATE HINGE
(For doors 900mm in width)



LAGUNA GATE HINGE
(For doors 1000mm in width)



Note: Gate latches shown as glass to glass option, others available by request. Ozone Hydraulic Self closing mechanism shown on the back page.



Pool fence with gate latch

Balustrade Hardware

Channel



PosiGlaze Angled
Face Fixed
CHANNEL



PosiGlaze Square
Base Fixed
CHANNEL



PosiGlaze Square
Face Fixed
CHANNEL



MegaGrip Square
C5 Base Fixed
CHANNEL



Infinity
Face Fixed
CHANNEL



Infinity
Base Fixed
CHANNEL

Point Fixings



50mm Disc
Face Fixed
ROUND



50mm Disc
Face Fixed
SQUARE



75mm Disc
Face Fixed
ROUND
SD



75mm Disc
Face Fixed
SQUARE
SD



100mm Disc
Face Fixed
ROUND
SD



150mm Plate
Face Fixed
OVAL

Post



Strut Post 400mm
Aluminium
Face Fixed
MINI POST



Mini Post
160mm
Stainless
Base Fixed
MINI POST



Strut Post
200mm
Aluminium
Base Fixed
MINI POST



65mm
Aluminium
Base Fixed
or Face Fixed
FULL POST



78mm
Aluminium
Base Fixed
or Face Fixed
FULL POST

Systems Links



Design Centre



PS1's

Standard Finishes are Aluminum or Stainless Steel.
Powder Coat options are also available by request



BA122 Infinity Base Fixed Channel



Channel System with Hydraulic Gate



Mini Post SP160



AP65 Powder Coat with Grey Tint Laguna Hinges & Latch

Pool Fence Selection Guide

Glass pool fences have a height requirement of 1200mm without a toe hold. If a pool fence area is also protecting a fall of greater than 1 metre, then it also needs to meet the NZ Building Code Balustrade requirements.

Available online Metro Performance Glass standard PS1's provide an easy New Zealand Building Code path to compliance.

Availability highlighted in the table below: <https://www.metroglass.co.nz/design-centre/producer-statements-ps1/>

Specific Design PS1's are also available, however they require a Metro Performance Glass Engineering review of the drawings and will thus take longer and may well incur a cost. For example, Pool fences in Extra High Wind zones will require a specific design PS1.

The following table is based on 12mm glass based on the need to have access via a gate. The exception to this is the AP65 system which uses 10mm Glass, with gate fixing to the posts.

Standard Pool Fence PS1's Availability highlighted in the table below to the maximum Wind Load Zone.								
POOL FENCE SYSTEMS OVERVIEW				SUBSTRATE				
			Name	Part #	Timber	Masonry Blocks	Steel	Concrete
Point Fixed Anchors	Side Fixed Disc Plate	50mm Double Disc	MB50D	VH	VH	VH	VH	
		75mm Single Disc	MB75D	SD	SD	H	H	
		100mm Single Disc	MB100D	SD	SD	H	H	
	Side Fixed Square Plate	50mm Double Square	MB50S	VH	VH	VH	VH	
		75mm Single Square	MB75S	SD	SD	H	H	
	Face Fixed Plate	150mm Plate	PF150	H	SD	H	H	
Channels	Base Fixed Channels	Posiglaze	PG120B	H	SD	H	H	
		Infinity	BA122B	SD	SD	VH	VH	
		MegaGrip	MG130B	N/A	N/A	SD	SD	
	Side Fixed Channels	PosiGlaze	PG120S	H	SD	H	H	
		PosiGlaze (Angle Cover)	PG180S	H	SD	H	H	
		Infinity	BA124S	SD	SD	VH	VH	
Posts	Base Fix	Mini Post	SP160B	H	SD	H	H	
		Strut Post	PL200	H	SD	H	H	
	Side Fix	Strut Post	PL400	H	SD	H	H	
	Semi Frameless Base Fixed Post	Post 65mm Ali	AP65	VH	SD	VH	VH	
		Post 78mm Ali	AP78	SD	SD	SD	SD	
	Semi Frameless Side Fixed Post	Post 65mm Ali	AP65	SD	SD	H	H	
		Post 78mm Ali	AP78	SD	SD	SD	SD	
KEY N/A Not available SD Specific design may be possible. * Not applicable to timber substrate								
Wind Load Zones L = Low M = Medium, H = High, VH = Very High, EH = Extra High								



Cover Image: Base Fix Mini Post



Laguna High Strength Gate Hinge



Pool gate latch



Pool gate latch



Ozone hydraulic pool hinge



Ozone pivot arm plus hydraulic bottom patch

EzyClean[®] Technology

SAVE TIME AND REPEL
DIRT, SOAP AND GRIME
WITH METRO EZYCLEAN
TECHNOLOGY



Untreated



Metro EzyClean[®]

Applied in our state-of-the-art manufacturing facilities, Metro's unique EzyClean Technology[®] provides a protective coating that creates a long lasting, invisible shield on your homes glass surface.

Water will simply bead off the glass surface, resulting in cleaning time being significantly reduced. And it also makes cleaning simple, only requiring the use of water and a mild detergent or microfibre cloth.

Compared to ordinary glass, Metro EzyClean Technology[®]

- resists staining from hard water deposits
- does not support the growth of bacteria
- eliminates the need for harsh and abrasive cleaning products
- protects against the build-up of soap scum, body oils, dirt, and grime

So whilst glass protected with EzyClean Technology saves time and effort, it also stays cleaner longer, creating a more hygienic environment.

SIMPLE MAINTENANCE

A soft cloth is all you really need to clean your protected glass, but for best results, squeegee dry after each use. The only cleaning solution Metro recommends using is warm water and mild detergent.

WARRANTY

Provided the glass is maintained according to published after-care instructions and without the use of abrasive cleaning methods or highly alkaline products, Metro Performance Glass warrants that Metro EzyClean Technology will work for up to ten (10) years from the date of manufacture.

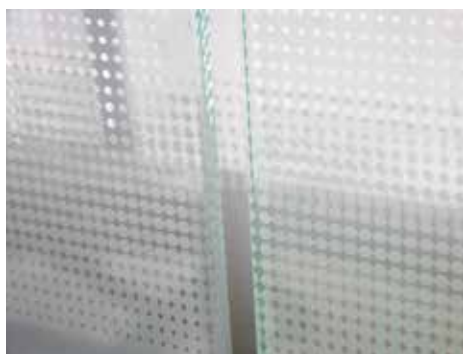


When you see this symbol you know EzyClean Technology has been applied to the glass.



DECORATIVE GLASS BALUSTRADE

Add controlled aesthetics, privacy and safety with a ceramic digital print.



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www.metroglass.co.nz