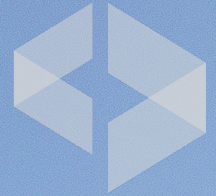


Metroview

Glass Balustrades



Elegant glass balustrade solutions designed
and tested for New Zealand conditions



BALUSTRADES



METRO
PERFORMANCE GLASS

Metroview® Glass Balustrades

Metroview balustrades offer a range of elegant frameless glass solutions that are fully tested and compliant to the New Zealand Building Code and come with a 10-year warranty.

Metroview solutions are suitable for decks, balconies, staircases, or pool fences. Providing safety and security without compromising your views.

The Metroview range can be installed onto timber, steel, and concrete, with solutions for both face and base fixing

Metroview PS1's for your location are readily available providing a NZ Building Code pathway to compliance. Metro's expert glaziers ensure a quality installation to the highest standards nationwide.



*Designed & Tested for
New Zealand Conditions*

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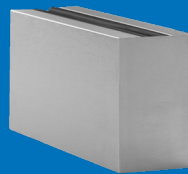
Year Warranty



*Durable & Long Lasting
Fittings, with Toughened
Safety Glass, or Toughened
Laminated safety Glass,*

Metroview® Channel

- Can achieve a “floating” look by recessing into the cladding.
- Allows wider panel spans which make for clean viewing lines.



Metroview® Point Fix

- Unobstructed views with its side fixing detail.
- Ideal for external balconies and staircases, as well as internal stairs and landings.
- Architecturally styled fittings make for a sleek exterior finish.



Metroview® Mini-Post

- Sleek post design provides both strength and a modern, minimalist aesthetic.
- Easy to maintain and effective in wet environments where drainage is required.



Choose your style with Metroview:

Edgecap Top Rail *Elegant, safe, and durable*



This slim and unobtrusive 25mm rail is manufactured from 2205 Stainless Steel for long life and strength. Fully tested and compliant to the NZ Building code.

Edgecap top rails also provide glass edge protection to reduce the chance of accidental breakage.

Edgeless Balustrade *Seamlessly uninterrupted views*



For an Edgeless look Toughened Laminated STF Glass which has a special stiff interlayer providing uninterrupted views without sacrificing safety or durability.

Stiff interlayer laminated glass holds together in the unlikely event of a pane being broken.

Metroview® Channel System



Ideal for decks, balcony's, pool fences. Its design allows for greater panel spans with options to recess the channel for uninterrupted views.

There are two options in the Metroview Channel System: one sits on top of the balcony or deck and the other attaches to the face of the balcony or deck. If desired, the hardware can be concealed within the surrounding cladding obtaining a floating aesthetic.

SYSTEM FEATURES:

USE FEATURES

- In all balustrade/pool fence applications, including stairs.
- Base fixed and face fixed.

VISUAL FEATURES

- Wider unobstructed views.
- Can be integrated into the building.
- Can be used with a top link rail or with structural
- Laminated STF glass (Sentry®).

BUILDING CODE FEATURES

- Suitable for occupancy A, A Other, B, E, C3.
- Base fix suitable for Very High wind zone.
- Side fix suitable for Very High wind zone.

PERFORMANCE FEATURES

- In continuous extruded aluminium providing unmatched strength.

Metroview Channel

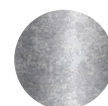
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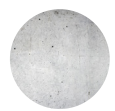
Substrates:



Timber



Steel



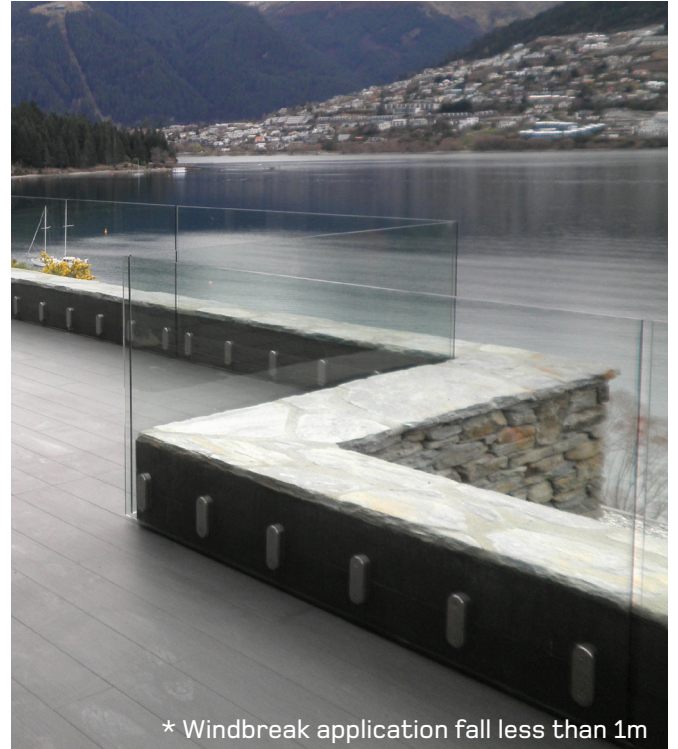
Concrete

10
Years
Warranty

Metroview® Point Fix System



* Structural laminated glass



* Windbreak application fall less than 1m

Ideal for balconies, decks, and stairwells. The Point Fix solution is a minimalist Metro design evolution of the old double disk.

The design of the Metroview Disc System enables it to be used with single or double fixings and can be used with a top link rail or with structural laminated glass.

Manufactured from high quality 316 marine grade stainless steel and is available in a satin or a polished finish.

SYSTEM FEATURES:

USE FEATURES

- Balconies, decks, stairwells or in free standing pool fence applications with matching gate hardware.

VISUAL FEATURES

- Can be fixed below floating tile line to conceal fittings, and achieve unobstructed views.
- Can be used with a top link rail or with structural laminated STF glass (Sentry®).

BUILDING CODE FEATURES

- Suitable for occupancy A, A Other B, E & C3.
- PF150 suitable up to a Very High wind zone.
- MB50 suitable up to a Extra High wind zone.

PERFORMANCE FEATURES

- 316 grade stainless steel for durability.

Metroview Point Fix

#MB50mm

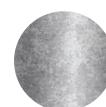
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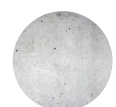
Substrates:



Timber



Steel

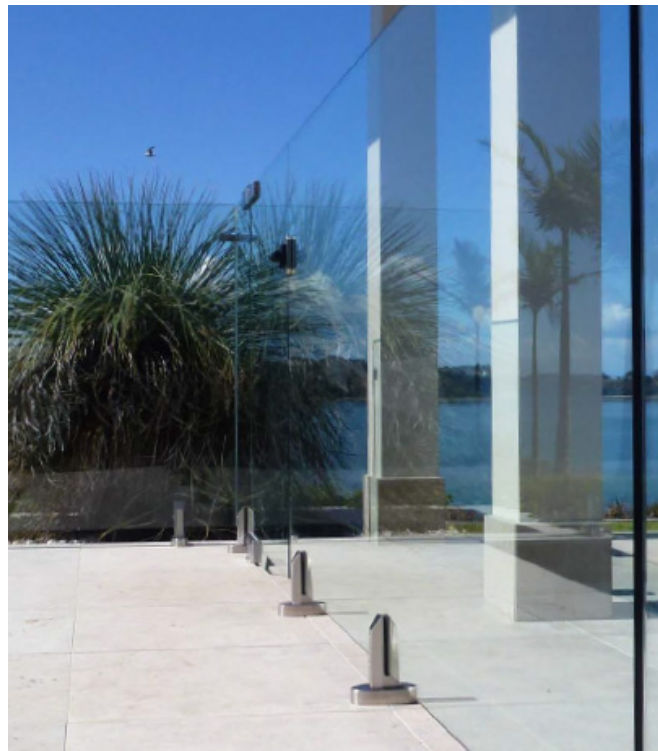


Concrete

10

Years
Warranty

Metroview® Mini Post System



Ideal for pool fences, balconies, stairs, and windbreaks. This is an adjustable base fix clamping system that allows water drainage and makes cleaning easier, making it a great choice for pool fence applications.

The 160mm high mini post is designed for toughened and laminated glass without the need to produce cutouts in the glass, allowing for quick installation and easier maintenance.

Manufactured from 2205 Duplex Grade Stainless Steel and have crafted covers that hide the engineered stainless steel fixings making it a popular choice for those seeking a modern minimalist finish.

SYSTEM FEATURES:

USE FEATURES

- Ideal for free standing pool fences matching gate hardware. Allows water to drain freely.

VISUAL FEATURES

- Can be used with a top link rail or with structural laminated STF glass (Sentry®).
- Available in polished and satin stainless steel.
- Fixings concealed by cover plates.

BUILDING CODE FEATURES

- Suitable for occupancy A, A Other B, E & C3.
- Suitable up to a Very High wind zone.

PERFORMANCE FEATURES

- 2205 Duplex grade stainless steel for strength and durability.

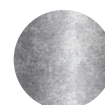


Metroview Mini Post
#SP160

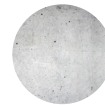
Substrates:



Timber



Steel




















Concrete

10

Years
Warranty

The Metroview Solutions are suitable for a wide range of applications and fixing conditions. Rigorously tested to be compliant with the NZ Building Code.



	Metroview Channel	Metroview Point Fix	Metroview Mini Post
Application	   Balustrade Stair Pool Fence	   Balustrade Stair Pool Fence	  Balustrade Pool Fence
Fixing	Side Fix Base Fix	Side Fix	Base Fix
Substrate	   Timber Steel Concrete	   Timber Steel Concrete	   Timber Steel Concrete
Balustrades and Stairs Occupancy Compliance	Windzone 1m: Extra High	Windzone 1m: Extra High	Windzone 1m: Extra High
	A, A Other, B, E, C3	A, A Other, B, E, C3	A, A Other, B, E, C3
Pool Fence Compliance	Windzone 1.2m: Extra High	Windzone 1.2m: Very High	Windzone 1.2m: Very High

Glass selection based on your chosen Metroview style

Updates to NZ building regulations included the requirement for an Edgecap Top Rail to be fitted on glass balustrades or the use of Toughened Laminated (Sentry®) Glass to achieve an Edgeless Balustrade look. Pool Fences do not require a top rail unless protecting a fall greater than 1m.

Edgecap Top Rail



For this look:

- 12mm Clear Toughened Glass
- 25mm Edge Rail

Compliant with the building code for a fall of over 1m, peace of mind visible rail.

Edgeless Balustrade



For this look:

- 17.52 Structural Laminated STF Glass

Compliant with the building code for a fall of over 1m for unobstructed views.

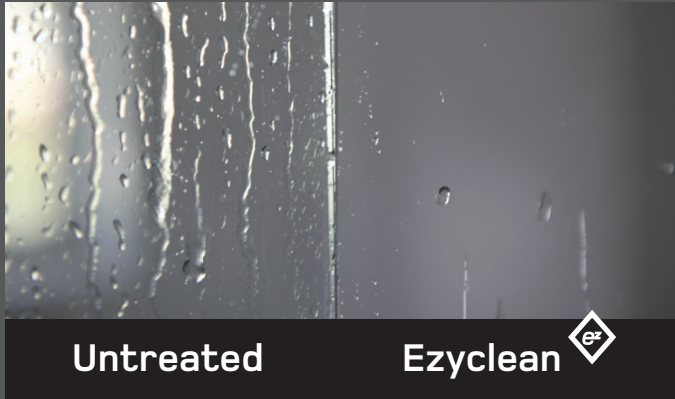
Note: toughened laminated STF (Sentry®) safety glass is marginally less transparent than clear glass.

Additional balustrade features available upon request

Heatsoak Safety Glass:

For peace of mind heat soaked toughened safety glass is available on request. For more information about this process search for heat soak on our website or consult your Metro Glass Sales Rep.

EzyClean Technology



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 home's glass surfaces.

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.

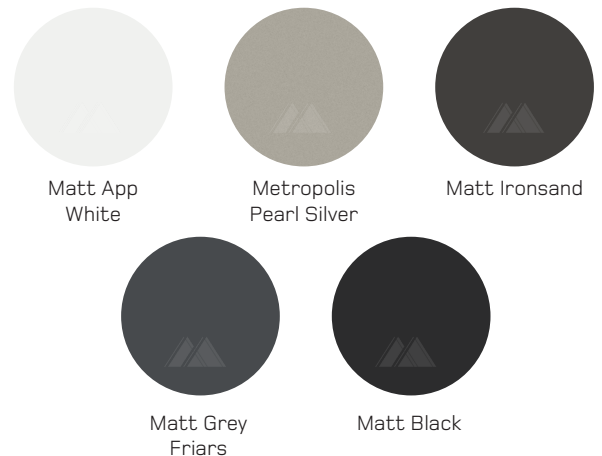
Compared to ordinary glass, Metro EzyClean Technology :

- + resists staining from hard water deposits
- + glass stays cleaner for longer
- + eliminates the need for harsh and abrasive cleaning products
- + protects against the build-up of soap scum, body oils, dirt, and grime

Hardware colour options:

The standard finish for Metro View Balustrade Channel is mill finish Aluminium. Metro View Point-Fix and Mini-Posts are Stainless Steel finish. As a secondary process Metro Glass offers a vast variety of powder coating options with a quick turnaround as shown.

Custom powder coating is also available in a wider range of colours for more information about powder coating options search in our website or consult your Metro Glass Sales Rep.



Glass pattern and printing:

This decorative process allows the designer flexibility in selecting finishes where colour and pattern design are important for visual impact.

Screen printed glass normally includes a pattern or design. It is both decorative and functional, providing privacy or covering unappealing spaces. It is a transparent product and does not provide total opacity.

* Talk to your Metro Glass sales rep for colour range and patterns available.

0800 545 800
www.metroglass.co.nz

Metroview Home Page



 **METRO**
PERFORMANCE GLASS