

SAFETY BUILT INTO EVERY SPECTACULAR VIEW

Make an architectural statement with clear, toughened or laminated glass and stainless steel fixings



BALUSTRADES



METRO
PERFORMANCE GLASS





OUTDOOR LIVING

“Glass is the perfect material to enable uninterrupted views, while providing a safety barrier for decks and pools.”



- A** AP78 base fixed post.
- B** AP78 face fixed post.
- C** AP65 base fixed post.
- D** AP65 face fixed post.

FENCES & WINDBREAKS

Have you ever experienced the discomfort of being outdoors on a bright, sunny, warm looking day, but soon having to move indoors because of an unexpected cold southerly wind?

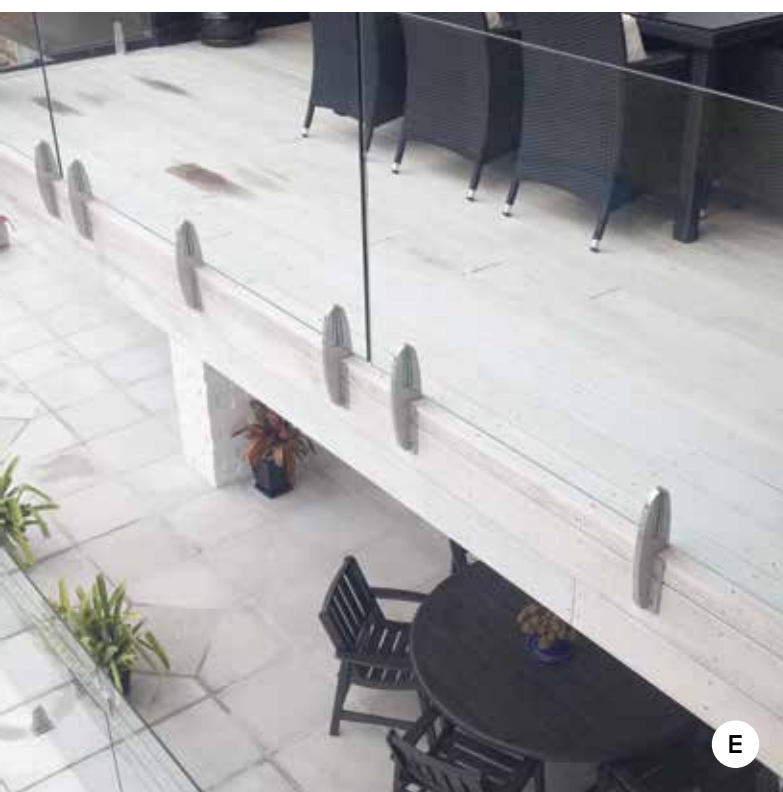
Well, glass can be a perfect solution for windswept outdoor spaces. Glass windbreaks provide a better use of your outdoor area, often allowing you to stay outdoors well into the evening.

They have the advantage over traditional materials of not blocking those wonderful views to the mountains or over the harbour. Wind breaks will generally be confined to using full posts due to their height. Typically fences and windbreaks require posts or full height fixings for the extra glass height.









A Balcony glass balustrade.

B BA122 channel to lower deck and MB75D to upper deck.

C SP155 mini post base fixed.

D MB50D exterior view to A: twin discs are required for 50mm fittings.

E NSF315 face fixed mini post.

DECKS

Glass balustrades can really open and extend living areas, while adding a contemporary feel to any home.

Constructed from toughened safety glass, they provide a strong safety barrier for upper story balconies and landings. Laminated balustrades are also available with extra safety in mind.

All balustrade fitting types can be used in decks or balconies.



- A** NSF315 face fixed mini post.
- B** BA112 base fixed channel.
- C** SP155 base fixed stub posts.
- D** AP65 hidden base fixed post.
- E** Pool gate with base fixed channel.

POOL FENCES & DOORS

Modern performance glass lets you comply with the nation's legal requirements for pool fencing without compromising the visual appeal of your poolside area.

Our toughened safety glass lets you open up your pool area, whilst providing a secure barrier for the little ones in your family. Laminated pool fences are also available with extra safety in mind.

Pool surrounds will typically be base fixed, and stub posts can also provide extra water drain off around the pool.

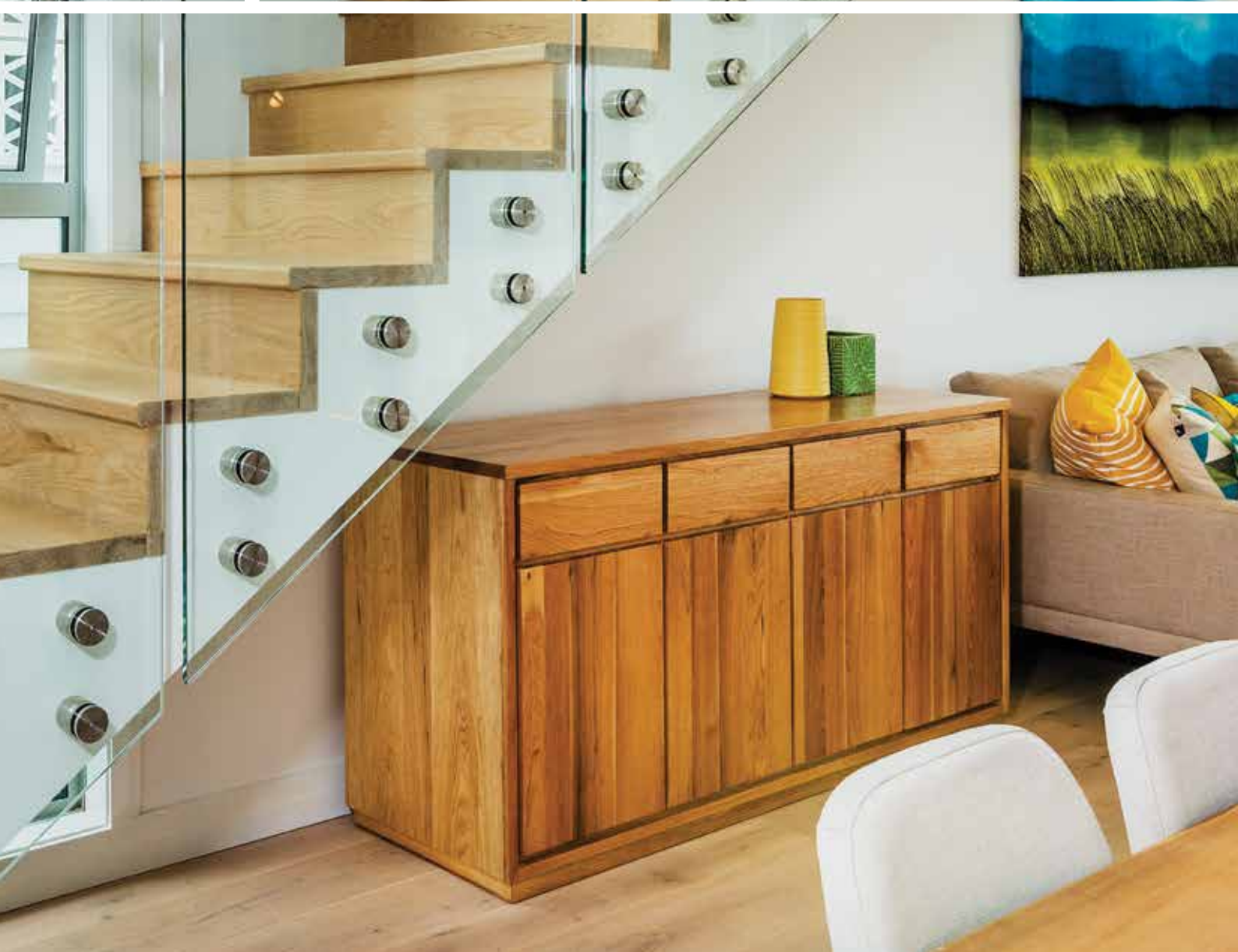


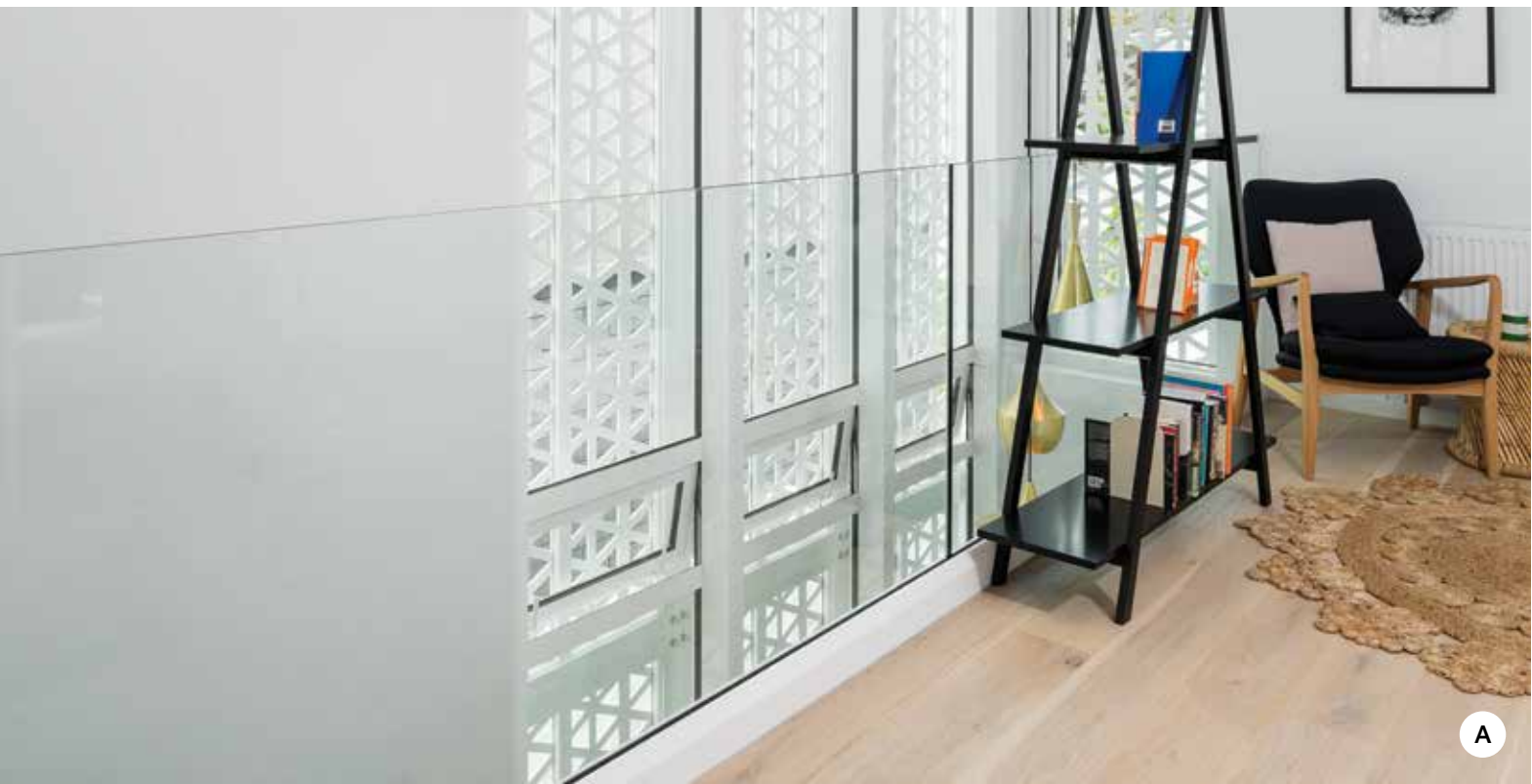


INDOOR LIVING

“Glass balustrades have the benefit of opening up and extending living areas, whilst ensuring safety barriers are in place for stairwells, mezzanine floors and upper storeys.”







A



B



A BA112 base fixed channel powder coated white.

B MD50D face fixed discs.

C PG120B base fixed channel.

D PF150 face fixed plates.

STAIRWELLS & INTERNAL BALCONIES

Glass balustrades have allowed designers and home owners to create large open inner spaces that give homes a light, airy, spacious feel without compromising on safety.

Glass can also be used in landings from one floor to another. As natural light permeates the space through the glass, it produces different moods and can form a seamless transition between rooms.

Typically face fixed fittings like discs are used in stairwells for ease of installation. For landing and straight sections all fitting types can be used.

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.



GLASS OPTIONS

<i>Glass Type</i>	10mm Toughened Safety Glass	12mm Toughened Safety Glass	13.5mm Laminated Safety Glass	15mm Toughened Safety Glass	17.5mm Laminated Safety Glass	19mm Toughened Safety Glass	21.5mm Laminated Safety Glass
Standard Clear	●	●	●	●	●	●	●
Clear Vision	●	●	●	●	●		●
Grey Tint		●					
Grey Bronze	●						
Green Tint	●						
Dark Green Tint (Panasap)	●						
White Frost (Etchlite)	●	●					

<i>Hardware Type</i>		10mm Toughened Safety Glass	12mm Toughened Safety Glass	13.5mm Laminated Safety Glass	15mm Toughened Safety Glass	17.5mm Laminated Safety Glass	19mm Toughened Safety Glass	21.5mm Laminated Safety Glass
Face Fixed Disc Plate	MB50D	SD	●	●	●	●	SD	SD
	MB75D	SD	●	●	●	●	SD	SD
	MB100D	SD	●	●	●	●	SD	SD
Face Fixed Square Plate	MB50S	SD	●	●	●	●	SD	SD
	MB75S	SD	●	●	●	●	SD	SD
Face Fixed Plate	PF150	SD	●	●	●	●	SD	SD
Base Fixed Channel	BA112		●		●			
	PG120B		●	●	●	●	●	●
Side Fixed Channel	PG120S		●	●	●	●	●	●
	PG180S		●	●	●	●	●	●
	BA124		●		●			
	BA130		●		●			
Mini Post Base Fixed	PL200		●					
	SP155		●	●				
	NBF168		●					
Mini Post Face Fixed	PL400		●					
	NSF315		●					
Base & Face Fixed Posts	AP65	SD	●					
	AP78	SD	●		●	●		

KEY ● Available **SD** Specific design may be possible, discuss with Metro or your glass installer

HARDWARE

Metro provide a range of hardware to suit all internal and external uses. For installation details please refer to our installation and PS1 documentation.

- + **Face Fixed:** The options range from 3 discs and 3 plates through to 4 channels, 2 stub posts and the option to face fix our 2 full posts. Face fixings are used across both interior and exterior applications. Channels are mostly used in decks and balconies both interior and exterior.
- + **Base Fixed:** The options range from 2 channels 3 stub posts and 2 full posts. Base fixings are usually used across exterior applications, decks and particularly in pool fence applications.



Hardware Colour Options

Satin
Stainless
Steel

Brushed
Stainless

Silver Frost

Silver Pearl

Polished
Stainless
Steel

Powder
Coated*
White

Powder
Coated*
Black

Face Fixed Disc Plate	MB50R	●				●	●	●
	MB75R	●				●	●	●
	MB100R	●				●	●	●
Face Fixed Square Plate	MB50S	●				●	●	●
	MB75S	●				●	●	●
Face Fixed Plate	PF150	●				●	●	●
Base Fixed Channel	BA112				●		●	●
	PG120B		●				●	●
Face Fixed Channel	PG120S		●				●	●
	PG180S		●				●	●
	BA124			●			●	●
	BA130				●		●	●
Mini Post Base Fixed	PL200			●			●	●
	SP155	●					●	●
	NBF168	●					●	●
Mini Post Face Fixed	PL400			●			●	●
	NSF315	●					●	●
Base & Face Fixed Posts	AP65				●		●	●
	AP78				●		●	●

* Other colour options are available by request.



MB50D
Face Fixed
ROUND



MB75D
Face Fixed
ROUND



MB100D
Face Fixed
ROUND



MB50S
Face Fixed
SQUARE



MB75S
Face Fixed
SQUARE



PF150
Face Fixed
PLATE



BA112
Base Fixed
CHANNEL



PG120B
Base Fixed
CHANNEL



PG120S
Face Fixed
CHANNEL



PG180S
Face Fixed
CHANNEL



BA124
Face Fixed
CHANNEL



BA130
Face Fixed
CHANNEL



NSF315
Face Fixed
MINI POST



PL400
Face Fixed
MINI POST



SP155
Base Fixed
MINI POST



NBF168
Base Fixed
MINI POST



AP65
Base Fixed
FULL POST



AP78
Base Fixed
FULL POST

Note: AP65 & AP78 also available face fixed.

DECORATIVE GLASS BALUSTRADE

Add a touch of personalisation or privacy with a ceramic digital print. Let your imagination run free. Talk to your Metro Performance Glass seller for further details. It is recommended that digital prints are laminated for longer lasting looks.

- A** **Digital print balustrade:** To add character and privacy to this refurbished villa.
- B** **Digital Print:** Example of large white circular frit pattern.
- C** **Digital Print:** Example of large black hexagonal frit pattern.
- D** **Digital Print:** Example of small part way coverage hexagonal frit pattern.
- E** **Digital Print:** Example of circular gradation pattern.





B



D



E

0800 545 800
www.metroglass.co.nz

