

# POSTS

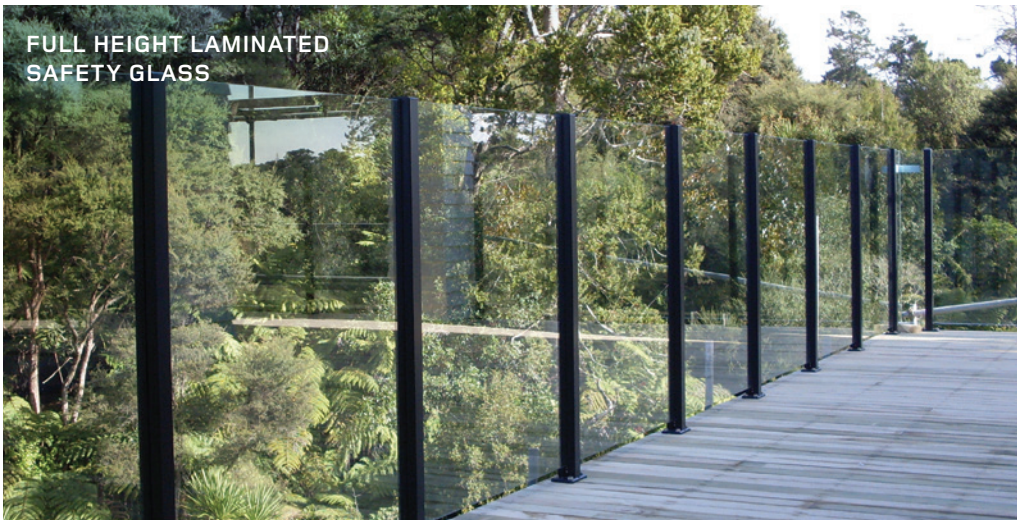
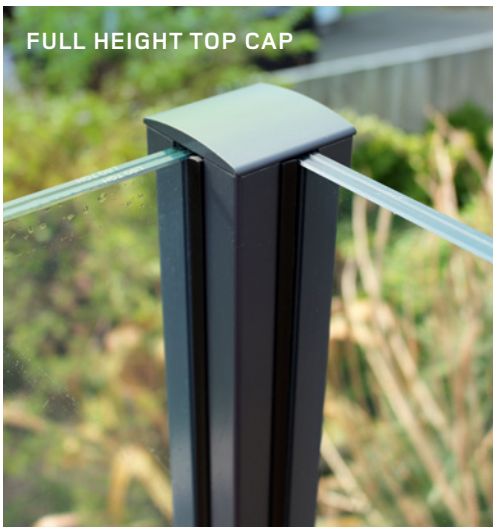
AP65 / AP78



**METRO**  
PERFORMANCE GLASS



AP65/78 SEMI FRAMELESS POST



THE SEMI FRAMELESS BALUSTRADE POST SYSTEM IS A DEPENDABLE, LOW MAINTENANCE, ALUMINIUM AND GLASS BARRIER SYSTEM FOR DECKS, WIND BREAKS AND POOL FENCING.


Cover pool fence with gate latch

The AP65/78 semi frameless system can incorporate toughened safety glass and, in some cases, laminated toughened safety glass, with a range of styles including fully framed or semi frameless glass balustrades. Further options include the addition of an intermediate rail for a split rail finish. The system also includes a handrail which can be either top or front mounted, and fashioned from one of five styles of handrails - round, rectangular, slimline interlinking rail, aerofoil or double


aerofoil. All are finished in a powder coat colour to match the posts. Metro's Semi Frameless balustrade has been designed to fit most NZ building scenarios, including installation on modern floating or waterproof decks. Another key advantage of the AP65/78 system is the ability to meet wind load requirements up to and including Extra High Wind Zones, making them perfect for fences and wind breaks.

### HARDWARE


AP65  
BASE FIXED  
FULL POST




AP78  
BASE FIXED  
FULL POST



### COLOUR OPTIONS



Silver frost Aluminium



Powder coated colours exclusively from the Dulux powder coat range are available to match joinery or décor for both posts and hand rails. Supplied to order, white and black are common choices.



GLASS TYPES AVAILABLE

**AP65** For domestic and residential activities, occupancy types A, A Other only, not suitable for commercial applications.  
**AP78** For domestic and residential activities, occupancy types A, A Other, B, E, C, C1, C2, C3 and D (not C5).

Glass types	Toughened safety glass			Toughened laminated safety glass		Toughened rigid laminated safety glass		
	10.00mm	12.00mm	15.00mm	13.20mm	17.20mm	13.52mm	15.52mm	17.52mm
STANDARD CLEAR	●	●	●					
CLEAR VISION	●	●	●					
GREY/GREEN TINT	●	●						
WHITE FROST (Etchlite)	●	●						

Application	Toughened safety glass with top rail			Toughened laminated safety glass with top rail or brackets		Toughened rigid laminated safety glass		
	10.00mm	12.00mm	15.00mm	13.20mm	17.20mm	13.52mm	15.52mm	17.52mm
<b>AP65</b> DECKS, BALCONY, STAIRS (Min 1m high)	●	SD		●				
<b>AP78</b> DECKS, BALCONY, STAIRS (Min 1m high)	SD	●	●	SD				

Note: In stairwells a handrail is also required, either on the glass or around the outside walls for safe access up and down the stairwell. Often it is more economic to encompass the handrail with toughened safety glass. A continuous interlinking handrail replaces the need for a top rail or brackets.

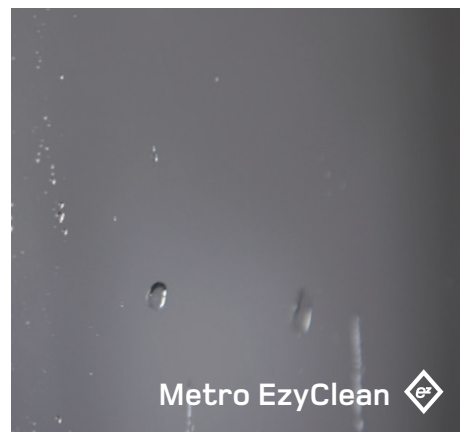
Application	Toughened safety glass			Toughened laminated safety glass		Toughened rigid laminated safety glass no rail required		
	10.00mm	12.00mm	15.00mm	13.20mm	17.20mm	13.52mm	15.52mm	17.52mm
<b>AP65</b> POOL FENCE * (Min 1.2m high)	●	SD		SD				
WIND BREAK	●	SD		SD				
<b>AP79</b> POOL FENCE * (Min 1.2m high)	SD	SD	SD	SD				
WIND BREAK	●	SD	SD	SD				

Note: If there is a part of the pool fence that is protecting a fall of more than 1 metre, then it has the same requirements as a balcony or deck needing barrier protection (brackets or top rail).  
● Highlighted items shown are available with a generic PS1 for building code compliance for the listed occupancy types and have been physically tested for compliance. They are also suitable for use in the wind zone areas, Low, Medium, High and Very High.  
SD Specific design PS1 for the application and location required for building code compliance. Gaining a specific design for building code compliance may incur additional costs.  
\* Note for pool fences that require a gate, the gate and latch hardware is only available for 12mm toughened glass.



# EzyClean<sup>®</sup> Technology

SAVE TIME AND REPEL  
NATURE'S GRIME WITH  
METRO EZYCLEAN  
TECHNOLOGY



Applied in our state-of-the-art manufacturing facilities, Metro's unique EzyClean Technology<sup>®</sup> provides a protective coating that creates a long lasting, invisible shield on your home's 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<sup>®</sup>

- resists staining from hard water deposits
- eliminates the need for harsh and abrasive cleaning products

So, whilst glass protected with EzyClean Technology saves time and effort, it also stays cleaner longer.

## SIMPLE MAINTENANCE

For outdoor balustrade glass surfaces, clean as required using water and a mild detergent. Wash the glass with a microfibre cloth, and dry with a good quality squeegee

(such as Ettore or Pulex brands). For best results clean the glass in the shade to prevent streaking.

## 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.

