

POINT FIXED DISC SYSTEMS

100mm SINGLE DISC



METRO
PERFORMANCE GLASS

100mm DOUBLE DISC



THE 100mm SINGLE DISC PRODUCES A ‘CHUNKY AESTHETIC’ FOR BOTH STRONG DESIGN STATEMENTS OR A NARROW FIXING PROFILE. SUITABLE FOR BALCONIES, STAIRS AND LANDINGS. IT ALSO WORKS JUST AS WELL IN BOTH INTERNAL AND EXTERNAL APPLICATIONS.

* Minimum edge distances apply - not suitable for timber.

Cover – stairwell concrete structure, rigid laminated toughened safety glass

The MB100 was designed to provide a solid single point clamping system, as an alternative option to double disc or continuous plate systems. With the 100mm diameter single disc 30mm mounting it provides great drainage as well as a single fixing point, meaning it can be located on the edge of narrow concrete slabs or steel profiles.*

The Single Disc is manufactured from high quality 316 marine grade stainless steel and is available in a satin or a polished finish. Powder coated colours are also available to order.

For areas of the home that are protecting the occupants from a fall of over 1 metre, a barrier system is required. The barrier system is a combination of the glass type,

brackets, top rails and handrails and is dependant on the location in a home. For views unobstructed by rails or brackets there is the option to use virtually clear toughened rigid laminated safety glass. For all other glass types top rails, handrails or glass brackets are required.

Pool fences do not require brackets or top rails unless also protecting from a fall of over 1 metre. The table on the opposite page illustrates the available options.

With windbreaks the main challenge, unless protecting from a fall, is the height of the glass and the wind zone. This generally leads to the use of posts unless sitting on a concrete stub wall.

HARDWARE

STANDARD 100mm
DISC ROUND

COLOUR OPTIONS

Satin Stainless Steel

Polished Stainless Steel

Powdered coated colours available to match joinery or décor for both discs and hand rails. Supplied to order, white and black are common choices.

GLASS TYPES AVAILABLE

For domestic and residential activities, occupancy types A, A Other, and also B, E and C3.

Glass types	Toughened safety glass		Toughened laminated safety glass		Toughened rigid laminated safety glass		
	12.00mm	15.00mm	15.20mm	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 no rail required		
	12.00mm	15.00mm	15.20mm	17.20mm	13.52mm	15.52mm	17.52mm
DECKS, BALCONY, STAIRS (Min 1m high)	●	●	●	●	●	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		
	12.00mm	15.00mm	15.20mm	17.20mm	13.52mm	15.52mm	17.52mm
POOL FENCE * (Min 1.2m high)	●	●	SD	SD	SD	SD	SD
WIND BREAK	DA	DA	DA	DA	DA	DA	DA

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.

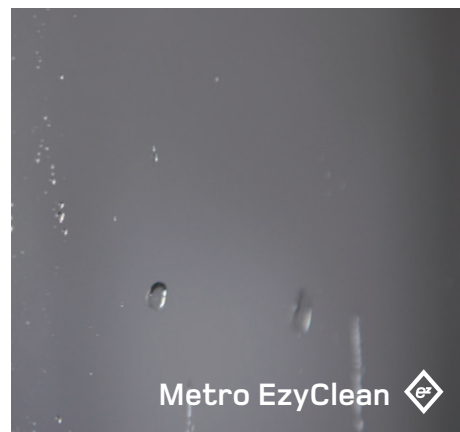
* Note for pool fences that require a gate, the gate and latch hardware is only available for 12mm toughened glass.

DA PS1 not required, however please check with your local Metro team for the safe glass thickness suit the height and wind zone of your home.

EzyClean[®]

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[®] 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
- 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.



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J1539/MB100 2019

 **METRO**
PERFORMANCE GLASS