STRUT POST SP160B BALUSTRADE SYSTEM

Typical Panel & Brackets

2 BRACKET PANEL

Note that for interlinking rail cases, minimum panel width of 950mm applies.

3 BRACKET PANEL

Note that for interlinking rail cases, minimum panel width of 950mm applies.
STRUT POST SP160B BALUSTRADE SYSTEM
Laminated STF Glass

STRUT POST SYSTEM
17.52mm LAMINATED STF

PANEL WIDTH NOTES:
Balustrade stiffener brackets or interlinking rail required for panels <1000mm.
Minimum panel width where two or more panels are in a straight line = 1000mm.

Residential & Commercial
Occupancy types A, A other, C3, B and E.

GLASS & FIXING SPECIFICATIONS:
Refer to design table for maximum glass height, maximum fixing spacing and design loads to structure.

IMPORTANT NOTE: The substructure to which the balustrade is to be attached must be designed by a structural engineer to resist the relevant balustrade actions as per B1/VM1.
STRUT POST SP160B BALUSTRADE SYSTEM

Typical Panel & Brackets

STRUT POST SYSTEM

15.2mm LAMINATED EVA
17.2mm LAMINATED EVA

PANEL WIDTH NOTES:
Balustrade stiffener brackets or interlinking rail required for panels <1000mm.
Minimum panel width where two or more panels are in a straight line = 1000mm.

Residential & Commercial
Occupancy types A, A other, C3, B and E.

GLASS & FIXING SPECIFICATIONS:
Refer to design table for maximum glass height, maximum fixing spacing and design loads to structure.

IMPORTANT NOTE: The substructure to which the balustrade is to be attached must be designed by a structural engineer to resist the relevant balustrade actions as per B1/VM1.
STRUT POST SP160B BALUSTRADE SYSTEM

Toughened Glass

STRUT POST SYSTEM

12mm TOUGHENED

PANEL WIDTH NOTES:
Minimum panel width where two or more panels are in a straight line = 950mm.
Minimum width for short return panel = 600mm.

Residential & Commercial
Occupancy types A, A other, C3, B and E.

GLASS & FIXING SPECIFICATIONS:
Refer to design table for maximum glass height, maximum fixing spacing and design loads to structure.

INTERLINKING RAIL REQUIRED:
$25 (ON GLASS ONLY, MAX 1700mm PANELS)
$40 & EDGETEC® (ON MFG HB50 J BRACKETS, MAX 1600mm PANELS)

15mm TOUGHENED

PANEL WIDTH NOTES:
Minimum panel width where two or more panels are in a straight line = 950mm.
Minimum width for short return panel = 600mm.

Residential & Commercial
Occupancy types A, A other, C3, B and E.

GLASS & FIXING SPECIFICATIONS:
Refer to design table for maximum glass height, maximum fixing spacing and design loads to structure.

INTERLINKING RAIL ($40 OR EDGETEC®) REQUIRED

IMPORTANT NOTE: The substructure to which the balustrade is to be attached must be designed by a structural engineer to resist the relevant balustrade actions as per B1/VM1.
STRUT POST SP160B BALUSTRADE SYSTEM

Typical Panel & Brackets

STRUT POST SYSTEM POOL FENCE ONLY
12mm & 15mm TOUGHENED

PANEL WIDTH NOTES:
Applies to free standing pool fences not protecting a fall of >1000mm.

IMPORTANT NOTE:
The substructure to which the balustrade is to be attached must be designed by a structural engineer to resist the relevant balustrade actions as per B1/VM1.

As of JAN 2017, complies with Building Code clause F9 & section 162C of the building act.

GLASS & FIXING SPECIFICATIONS:
Refer to design table for maximum glass height, maximum fixing spacing and design loads to structure.

GLASS STAMPS

CONSTRUCTION ALLOWS FOR:

- TEMPAFLOAT® Toughened Safety Glass
- SAFELITE® EVA Laminated Safety Glass
- SAFELITE® STF (Sentry®) Laminated Safety Glass with Rigid Interlayer

GLASS PANELB ELEVATION (DRAWING 05)

MINIMUM PANEL WIDTH 600mm

1200mm ABOVE FL

PANEL GAP:
NOM 15mm MAX 99mm

NO RAIL REQUIRED

100mm MIN / 200mm MAX OVERHANG AT ENDS

CLAMP SPACING
AS PER SP160B TYPICAL PANEL & BRACKET ELEVATION

www.metroglass.co.nz

Balustrade Systems