50MM DOUBLEDISC MB50 SYSTEM
SAFELITE® STF (Sentry®) Glass

50mm DOUBLEDISC MB50 SYSTEM
SAFELITE® STF (Sentry®) 13.52mm

PANEL WIDTH NOTES:
Balustrade stiffener brackets or interlinking rail required for panels <1100mm.
Minimum panel width where two or more panels are in a straight line = 1000mm.
Minimum width for short return panel = 200mm.

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.

PANEL WIDTHS < 1700mm REQUIRE BALUSTRADE STIFFENER BRACKETS OR INTERLINKING RAIL (Edgetec® or S40) AT REQUIRED BARRIER HEIGHT AS PER B1/AS CL 7.3.1

50mm DOUBLEDISC MB50 SYSTEM
SAFELITE® STF (Sentry®) 17.52mm

PANEL WIDTH NOTES:
Balustrade stiffener brackets or interlinking rail required for panels <1100mm.
Minimum panel width where two or more panels are in a straight line = 1000mm.
Minimum width for short return panel = 200mm.

17.52mm – 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.

PANEL WIDTHS < 1100mm REQUIRE BALUSTRADE STIFFENER BRACKETS OR INTERLINKING RAIL (Edgetec® or S40) AT REQUIRED BARRIER HEIGHT AS PER B1/AS CL 7.3.1

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.
50mm DOUBLEDISC MB50 SYSTEM
SAFELITE® EVA 15.2mm
SAFELITE® EVA 17.2mm

PANEL WIDTH NOTES:
- Residential & Commercial Occupancy types A, A other, C3, B and E.
- Minimum panel width where two or more panels are in a straight line = 1000mm.
- Minimum width for short return panel = 200mm.

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.

MAXIMUM PANEL WIDTH 1900mm
MINIMUM PANEL WIDTH 1000mm

MAXIMUM PANEL WIDTH 1700mm
MINIMUM PANEL WIDTH 1000mm

Panel gap:
MIN 14mm
MAX 20mm

MIN 50mm
MAX 100mm

MIN 100mm
MAX 200mm

J brackets must be MFG HB50 range

MINIMUM PANEL WIDTH 1000mm
MAXIMUM PANEL WIDTH 1900mm

FULL HEIGHT SILICONE BUTT JOIN REQUIRED AT CORNER IF USING SB BRACKETS

REALIGNMENT BAR
MIN 110mm
MAX 600mm

REFER TO DESIGN TABLE FOR MAX SPACING

MIN 100mm
MAX 200mm

INTERLINKING RAIL (Edgetec® or S40) REQUIRED AT BARRIER HEIGHT AS PER B1/AS CL 7.3.1
50mm DOUBLE DISC MB50 SYSTEM

TEMPAFLOAT® 12mm

PANEL WIDTH NOTES:
Minimum panel width where two or more panels are in a straight line = 1000mm.
Minimum width for short return panel = 200mm.

50mm DOUBLE DISC MB50 SYSTEM

TEMPAFLOAT® 15mm

PANEL WIDTH NOTES:
Minimum panel width where two or more panels are in a straight line = 1000mm.
Minimum width for short return panel = 200mm.

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.
50mm DOUBLE DISC MB50 SYSTEM
POOL FENCE ONLY TEMPAFLOAT® 12mm & 15mm

APPLIES TO FREE STANDING POOL FENCES NOT PROTECTING A FALL OF > 1000mm.
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.

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.
50mm DOUBLE DISC MB50 SYSTEM
STAIR BALUSTRADE

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.

TEMPAFLOAT®
Toughened Safety Glass

SAFELITE® EVA
Laminated Safety Glass

SAFELITE® STF (Sentry®)
Laminated Safety Glass with Rigid Interlayer

The specifier must ensure that the handrail requirements are for stairways as per the NZ Building Code are complied with.