75mm SINGLEDISC MB75 SYSTEM
SAFELITE® STF (Sentry®) 13.52mm

Panel Width Notes:
Balustrade stiffener brackets or interlinking rail required for panels < 2000mm.
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 < 2000mm require balustrade stiffener brackets or interlinking rail (Edgetec® or S40) at required barrier height as per B1/AS CL 7.3.1.

Panel widths < 1500mm 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.
75MM SINGLEDISC MB75 ELEVATION
SAFELITE® EVA Glass

75mm SINGLEDISC MB75 SYSTEM
SAFELITE® EVA 15.2mm
SAFELITE® EVA 17.2mm

PANEL WIDTH NOTES:
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.

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.
75MM SINGLEDISC MB75 SYSTEM

75mm SINGLEDISC MB75 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.

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 AT BARRIER HEIGHT AS PER B1/AS CL 7.3.1:**
- S25 (on glass only, MAX 1700mm panels)
- S40 & Edgetec® (on MFG HB50 J brackets, MAX 1700mm panels)
- S40 & Edgetec® (on glass, MAX 1900mm panels)

**Panel gap:**
- MIN 14mm
- MAX 20mm

**MINIMUM PANEL WIDTH 1000mm**

**MAXIMUM PANEL WIDTH 1700mm**

**MINIMUM PANEL WIDTH 1000mm**

**MAXIMUM PANEL WIDTH 1900mm**

**MAXIMUM PANEL WIDTH 1700mm**

**J brackets must be MFG HB50 range**

**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.

75mm SINGLEDISC MB75 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.

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 (S40 or Edgetec®) REQUIRED AT BARRIER HEIGHT AS PER B1/AS CL 7.3.1**

**Panel gap:**
- MIN 14mm
- MAX 20mm

**MINIMUM PANEL WIDTH 1000mm**

**MAXIMUM PANEL WIDTH 1700mm**

**MINIMUM PANEL WIDTH 1000mm**

**MAXIMUM PANEL WIDTH 1900mm**

**MAXIMUM PANEL WIDTH 1700mm**

**J brackets must be MFG HB50 range**

**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.
75MM SINGLEDISC MB75 ELEVATION

Pool Fence

75mm SINGLEDISC MB75 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.
**75MM SINGLEDISC MB75 ELEVATION**

**Stair Balustrade**

**75mm DOUBLEDISC MB75 SYSTEM**

**STAIR BALUSTRADE**

**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.

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**NOTE:**

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

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**TEMPAFLOAT®**

Toughened Safety Glass

**SAFELITE® EVA**

Laminated Safety Glass

**SAFELITE® STF (Sentry®)**

Laminated Safety Glass with Rigid Interlayer

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**Toughened**

LIC. No. 2625 Christchurch (T TL)

**Toughened Laminated**

LIC. No. 2603 Wellington (T TL)

**Grade A**

LIC. No. 2718 Tauranga (T TL)

<table>
<thead>
<tr>
<th>Grade A</th>
<th>LIC. No. 2518 &amp; 2465 Auckland (T TL)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LIC. No. 2518 8 2465 Auckland (T TL)</td>
</tr>
</tbody>
</table>

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**MINIMUM 1000mm**

(all panels)

**LAST GLASS PANEL FUNCTIONS AS STRUCTURAL SUPPORT**

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**END OF INTERLINKING RAIL MUST BE CONNECTED TO STRUCTURAL ELEMENT**

**CUSTOM RAIL JOINT**

**REFER TO ELEVATION DRAWINGS FOR PANEL WIDTH, RAIL & BRACKET REQUIREMENTS.**

**FIXING SPACINGS FOR THIS PANEL AS PER DESIGN TABLE REQUIREMENTS**

<table>
<thead>
<tr>
<th>MIN 60mm</th>
<th>MAX 250mm</th>
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**MIN 900mm**

Last glass panel to commence at less than 999mm above FL (approx 5-6 steps up)

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**GLASS STAMPS**

SAFELITE EVAFLOAT SAFELITE STF (Sentry)

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**NOTE:**

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