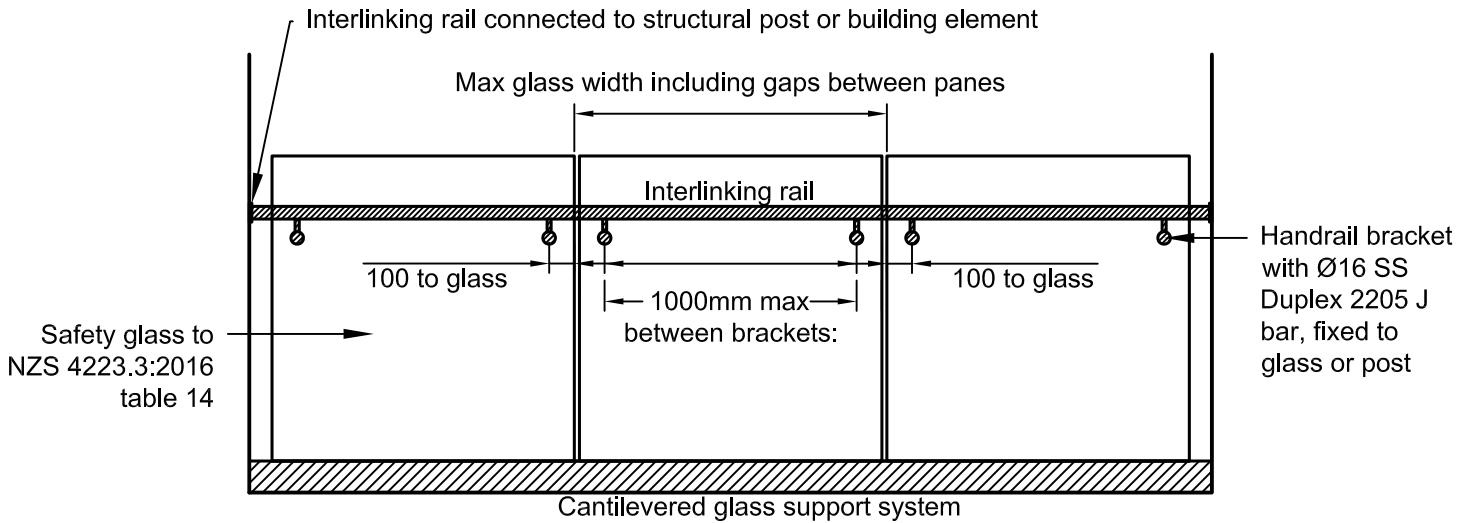





**SELECTION OF INTERLINKING RAIL SUPPORTED BY HANDRAIL BRACKETS
MAXIMUM GLASS WIDTH - REVISION 7**



INTERLINKING RAIL, OCCUPANCY TYPE & MAXIMUM GLASS WIDTH				
TYPE		C3	C1/C2 & D	C5
HRC1 Roundline 42mm dia Duplex 2205		2000	1200	SD
HRC2 Squareline 30x40 Duplex 2205		1900	1200	SD
HRC3 Archline 35x50 Aluminium		1650	800	SD
SS316 tube OD50.8 ID46.8		2400	1200	SD
SS316 tube OD50.8 ID 47.8		2050	1100	SD
ALU 6063-T5 tube OD50 ID44		2250	1200	SD
ALU 6063-T5 tube OD50 ID46		1950	1000	SD
ALU 6063-T5 RHS 25 high x 50 x 3 thick		1550	900	SD
ALU 6063-T5 flat bar 25 x 50 wide		1900	1200	SD

NOTES:

1. The interlinking rails are designed to resist SLS design loads in the event of a single pane of glass breaking.
2. The rails are supported by handrail brackets fixed to each glass pane, structural post (such as Milano post) or other building element.
3. Joints in the interlinking rail are screwed or welded connection, and located above handrail brackets.
4. Handrail brackets are Duplex 2005 stainless steel with minimum 16mm diameter J bar. The centreline of the rail is not higher than 80 mm above the centreline of the horizontal portion of the J bar, and the gap between centreline of the rail and face of the glass does not exceed 80 mm.
5. In the event of a glass pane breaking, the deflection of the interlinking rail under SLS design loads is restricted to span / 60.
6. Specific design (SD) is required for occupancy type C5.

DISCLAIMER: This selection table is strictly based on interlinking rail and handrail brackets supplied and installed by Euroglass or Viridian Glass. For rails and brackets supplied and installed by other parties, an independent structural engineer's design and certification are required for compliance with NZS 4223.3:2016.