

Glass Systems B100 Minipost: Span & Occupancy Detail

Notes:
 The calculations below exclude the existing structure to which the balustrading is being fixed.
 Maintain minimum edge distances for all fixings as per the codes and manufacturer's requirements.

MP10, MP15 and MP12 Oval and Square Base



Connection Type Code	Connector - Base Fixing Description
1	M10 Epcon C6 Epoxy Bolts - In Concrete, Minimum 120mm Embedment Minimum Edge Distance 60mm, Minimum Concrete Strength 25MPa
2	M10 Bolts - In Steel
3	M10 Bolts With 50x50 Washers - In Timber
4	M12 Coach Screws - In Timber, Minimum 150mm Embedment + Epoxy Glued

Occupancy Types Domestic & Residential Application	Maximum Live Load at Top of Balustrade (kn/m), And Wind Zone (kpa)	Balustrade Height "H" (mm) Max.	Solid Toughened Glass Thickness "t" (mm)	Laminated Toughened Glass Thickness "t" (mm)	Glass Panels Length "l" (mm) Max.	Horizontal Spacing of Mini Posts "HS" (mm) Max.	Number of Mini Posts Per Glass Panel	Connection Type Code
A, B, E, C3	0.75 & HIGH WIND ZONE	1100	12	17	1400	1000	2	1, 2, 3, 4
POOL FENCING	0.35 & HIGH WIND ZONE	1200	12	17	1800	1000	2	1, 2, 3, 4

Span & Occupancy Detail: Span & Occupancy Detail

Notes:
 The calculations below exclude the existing structure to which the balustrading is being fixed.
 Maintain minimum edge distances for all fixings as per the codes and manufacturer's requirements.

MP14 Centrally Fixed



Connection Type Code	Connector - Base Fixing Description
1	M14 - Bumax A4-80 316 Epoxy Anchors - In Concrete, Minimum 150mm Embedment Minimum Edge Distance 100mm, Minimum Concrete Strength 25MPa

Occupancy Types Domestic & Residential Application	Maximum Live Load at Top of Balustrade (kn/m), And Wind Zone (kpa)	Balustrade Height "H" (mm) Max.	Solid Toughened Glass Thickness "t" (mm)	Laminated Toughened Glass Thickness "t" (mm)	Glass Panels Length "l" (mm) Max.	Horizontal Spacing of Mini Posts "HS" (mm) Max.	Number of Mini Posts Per Glass Panel	Connection Type Code
A, B, E, C3	0.75 & VERY HIGH WIND ZONE	1100	12	17	1400	1000	2	1
POOL FENCING	0.35 & VERY HIGH WIND ZONE	1200	12	17	1400	1000	2	1