

# FBF 2000 Series

Balustrade Brackets To Suit Square & Round Posts

Technical Details

- All 316 grade stainless steel suitable for 8, 10 and 12mm glass with gaskets to suit each glass thickness in every box
- Additional glass thicknesses can be achieved upon request - mod for 15mm glass available SIM-000143
- Configurations:
  - FBF2100 & FBF2600:  
Designed to suit 50mm diameter round posts
  - FBF2000 & FBF2500:  
Designed to suit square posts

Please Note: Bracket is supplied with additional pin for extra fixing strength. Use of the pin requires hole in the glass.

Available Finishes

- Satin stainless steel
- Polished stainless steel

Specify at time of order

- Finish required

See following page for glass widths and wind loads



FBF2000



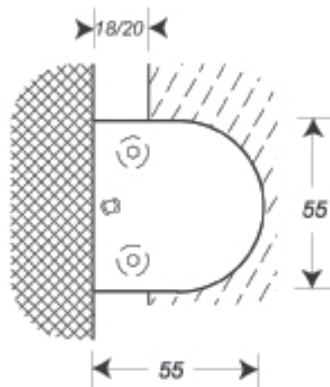
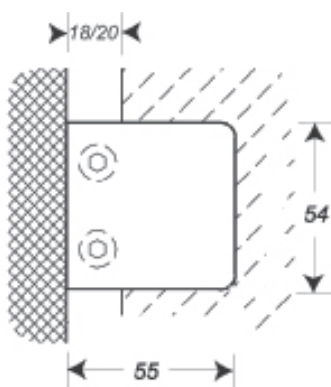
FBF2500



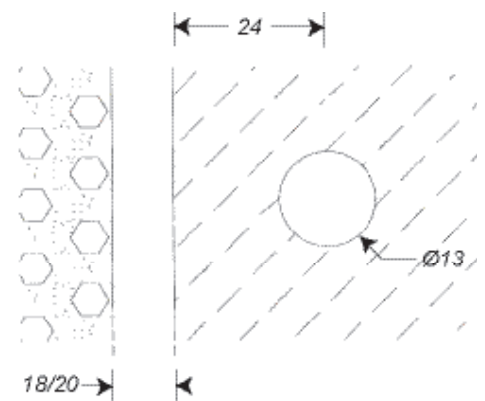
FBF2600



FBF2100



GLASS DETAIL  
To be used in pin applications



# FBF 2000 Series Glass Widths & Wind loads

Use the following guide charts to determine the recommended glass sizes.

## Residential Applications

Allowable glass spans in mm

No. fittings	Glass thickness	Design wind Pressure (kPa) - Widths of Panels (mm)										
		0.5	0.6	0.7	0.8	0.9	1.0	1.25	1.5	1.75	2.0	2.5
4	8mm	1450	1450	1450	1420	1380	1310	1200	1150	1080	1040	960
4	10mm	1950	1950	1850	1760	1700	1640	1520	1430	1350	1300	1200
6	8mm	1450	1450	1450	1420	1380	1380	1380	1380	1200	1100	1050
6	10mm	2100	2100	2100	2100	2100	2100	1800	1800	1600	1500	1400
8	8mm	2200	2200	2200	2200	2200	2200	2200	2200	2200	1970	1570
8	10mm	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2080

Residential applications based on the following criteria:

- Handrail Loads - Concentrated 600N / Distributed 400N/m
- Wind pressure - 0.5kPa
- Deflection limit - Span/90
- Height of glass - 950mm
- Glass type - Grade A Toughened glass to AS1288/06 and AS2208

Note: • For internal applications use design wind pressure = 0.5(kPa) column  
 • These calculations are based on using Fethers fittings and do not apply to fittings supplied by others.

## Commercial Applications

Allowable glass spans in mm

No. fittings	Glass thickness	Design wind Pressure (kPa) - Widths of Panels (mm)										
		0.5	0.6	0.7	0.8	0.9	1.0	1.25	1.5	1.75	2.0	2.5
4	8mm	1420	1420	1420	1420	1380	1310	1200	1150	1080	1040	960
4	10mm	1770	1770	1770	1760	1700	1640	1520	1430	1350	1300	1200
6	8mm	1420	1420	1420	1420	1380	1380	1380	1380	1200	1100	1050
6	10mm	1800	1800	1800	1800	1800	1800	1800	1800	1600	1500	1400
8	8mm	2200	2200	2200	2200	2200	2200	2200	2200	2200	1970	1570
8	10mm	2400	2400	2400	2400	2400	2400	2400	2400	2400	2400	2080

Commercial Applications Based On The Following Criteria:

- Handrail Loads - Concentrated 600N / Distributed 750N/m
- Wind pressure - 0.5kPa-2.5kPa
- Deflection limit - Span/90
- Height of glass - 950mm
- Glass type - Grade A Toughened glass to AS1288 and AS2208

Note: • For internal applications use design wind pressure = 0.5(kPa) column  
 • These calculations are based on using Fethers fittings and do not apply to fittings supplied by others.

