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ULTRA MODULAR GLASS FENCING SPECIFICATIONS

Glass:

- Clear – 12mm Heat Toughened – Grade “A” Safety Glass.
- Complies with Australian/New Zealand Standard AS/NZS 2208:1996. (Safety glazing materials in buildings).
- Visual stamp of approval.
- All sides polished.
- All edges beveled.
- Design Load – 1000Nm with max. 30mm deflection at top.
- Maximum glass height above ground – 1200mm.
- Maximum length – 2000mm.
- Installation details – Refer to structural Engineers’ recommendations – available on request.

(Note: Ultra Glass Modular Pool Fencing Panels, like any other toughened glass, are subject to deviation after manufacture – Standard tolerances and toughening criteria apply.)

Glass Gates and Gate Hardware:

- Specifications, compliance and tolerances as in Glass above.
- Holes to glass gate – 20mm diameter. (Rough Polished)
- Maximum height – 1200mm. Width – 800mm. (Standard)
- Gate Hinges – Spring loaded (Adjustable) - self closing – Polished Stainless steel. Glass to Glass or Wall to Glass.
- Gate Latches – Magnetically operated self closing – Polished stainless steel. Glass to Glass or Wall to Glass.
- Gate doorstep – Polished stainless steel – Glass to Glass or Wall to Glass.
- Nylon bushes between glass and fixing screws.
- For internal and external use.

Fixing:

- Inground:- In 100mm deep channels in a concrete footing no less than 400mm wide x 300mm deep, and secured in position with non-shrinkable grout. (Sika 212)
- “D” Clamp System:- Glass modules secured to and supported on 304 stainless steel spigots in two methods;
 1. Inground Spigott:- Base of spigot is set into concrete footing by core drilling and epoxying in. (Sika Epoxycrete S is the recommended fixing epoxy)
 2. Bolt down Spigott:- Base of spigot is set onto concrete or tiled base, and holes are drilled to accommodate 10mm sleeve anchor bolts, set in Sika Epoxycrete S. or Base of spigot is set on timber deck and secured to Joist with 10mm x 100mm coach screws, or alternatively by drilling through joists and fixing with 10mm bolts using 50x50 square washers underneath. (See Installation instructions.)

Wind Load Ratings:-

- In compliance with Wind Classification System AS4055 – 1992.
- Specifications available on request.