



AGA (INT.)
AUSTVISION

Austvision Frameless Glass Free-Standing Pool Fencing and Balustrades

NEW PRODUCT



AUSTVISION FREE-STANDING FRAMELESS GLASS HIGH STRENGTH STAINLESS STEEL FITTINGS

Introduction: Australian Glass Assemblies (Int) introduces its newest design of tested high strength stainless steel 329 grade Stub Post fittings for the following applications :-

- Balustrading and Glass Barriers where the elements are subjected to possible high impact loads and human safety is a major issue.
- Swimming Pool Fencing where the fittings supporting the glass panel are constantly exposed and/or in contact with chloride solutions and/or seawater and/or polluted air.
- Supports for Barriers or Glass Balustrades situated in cyclonic regions and earthquake zones.
- Supports for fire barriers where longer burning hour fire rated material is mandatory.
- Austvision high strength (H.S) Stub Posts have an architecturally appealing oval shape to suit the latest styling trends, offering Interior Designers and Architects an economic solution. A fast track solution for the frameless glass system contractors to supply and install on site.



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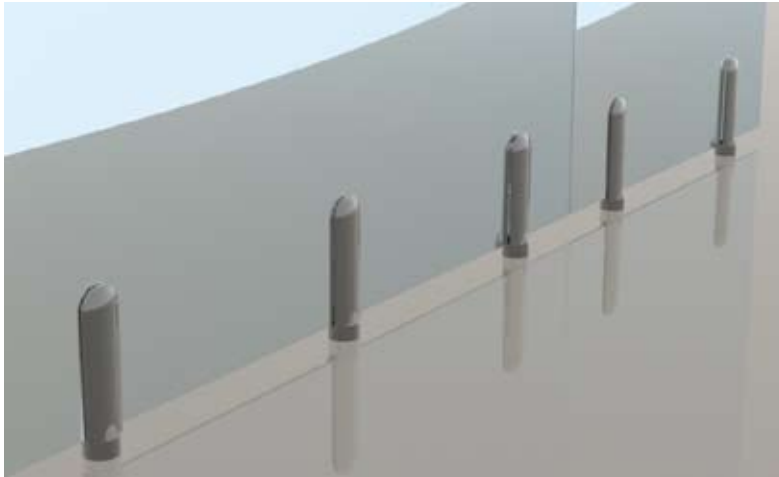
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Technical

Austvision High Strength (H.S.) Stub Post fittings will suit:

- Glass panels 8mm up to 19mm thick.
- Glass Panels – toughened (tempered), flat and curved glass, toughened laminated glass and toughened patterned, rolled or slump glass.
- Other materials such as Polycarbonate perspex, PVC sheeting are all within the scope for the supply and install package to conform to the Australian Standard AS1926 Swimming Pool Safety and AS1288-2006 Glass in Buildings.

Grout Fixings

Austvision Stub Post is manufactured from high strength austenitic-ferritic 329 grade stainless steel which has excellent strength and resistance characteristics to stress-corrosion, cracking and chemical attack by chlorinated water and resistance



Surface Mountings

The ultimate strength of the 329 grade stainless steel is 850 MPa this is equivalent to the strength of 2205 grade duplex stainless steel on bars and plates which is over double the strength of 304 and 316 grade stainless steel commonly used in the building/construction industries.

Austvision H.S. Stub Post is designed with dual fixing technology to ensure no stress concentration around and on the toughened glass panel holes and that the stresses on the glass panel are uniformly distributed along the fixing edges. As a result Austvision H.S. Stub Post carries higher wind, live and human impact loads and extra high bending and deflection value for reliable performance.

Austvision H.S. Stub Post stainless steel fittings have been laboratory tested and conform to Australian Standards AS1926.1, AS1926.2 – 1995 Swimming Pool Safety for Domestic and Commercial Installations and AS1288 – 2006 on Balustrade Installations.

Finish: Standard Finish – Satin Stainless Steel No. 4 Finish or Brush Finish - (Polish Stainless Steel No. 6 available on application).

Benefits: Austvision Stub Posts for:

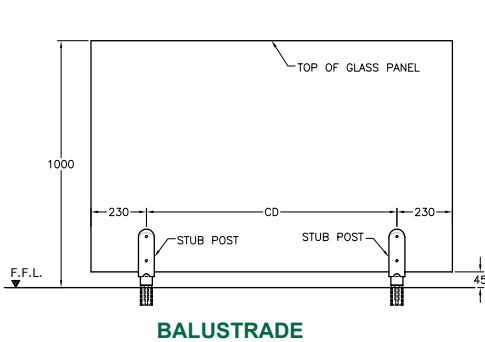
- Clear vision frameless glass barriers, fences, balustrades systems of a futuristic design.
- The modern futuristic design, compliments modern designer trends.
- High corrosion resistance and high strength and stress qualities for reliable performance.
- Support and fix glass panel from 6mm to 19mm thick toughened (tempered) glass.
- High strength (H.S.) 329 grade stainless steel offers superior quality surface finish at a competitive price.
- Simple installation on concrete floor, timber decking and steel framing. In-built height and vertical angle adjustments after installed into place.
- Ease of glass panel replacement without impairing the base structural integrity, position, strength and appearance.
- Cast-in grouting slots allow twice the area of adhesion and ensures grout is evenly distributed all around the Stub Post footing at any position of the bored hole on the concrete floor.
- Safe and Maintenance free.
- No extra cost penalty for domestic or commercial installation.



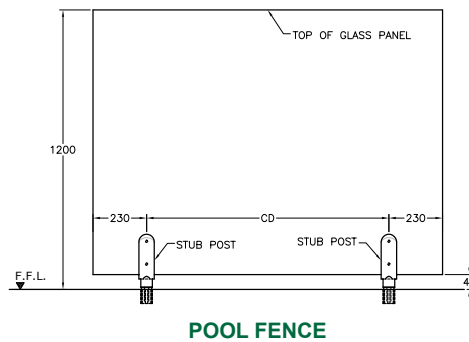
Surface Fixings



Grout Fixings



BALUSTRADE



POOL FENCE

Table gives maximum allowable Centre Distance (CD) between two stub posts (mm) for each thickness and wind pressure.

Glass Selection Guide

Height	Toughened Glass Thickness	ULS Design Wind Pressure						
		0.8 kPa	1.0 kPa	1.5 kPa	2.0 kPa	2.5 kPa	3.0 kPa	3.5 kPa
1200 high Pool Fence	12 mm	1010	740	380	200			
	15 mm	1760	1260	780	500	330	220	
	19 mm			1450	1000	730	550	420
1000 high Balustrade	12 mm	1680	1290	770	510	350	250	180
	15 mm	1550	1270	890	700	590	510	460
	19 mm			1310	1020	840	730	640

Note: • Glass Thickness based on allowable deflection, limited to span/30 or 30mm Max.

• AS1288-2006 Section 7.0

• Indicative Dimensions Based on Glass Strength Subjected to ULS wind load only

• For appropriate glass thickness and size to suit the condition, consult with your certified engineer



Glass to Glass Pool Gate

Austvision frameless glass stainless steel door fittings were introduced in 1986 with an extensive range – from standard pivot doors to hinged, sliding, bi-fold and stacking doors of various sizes and weights.

To ensure positive, reliable, long term, fail safe operation, it is of paramount importance to carefully select fittings and equipment for the pool gates.

Australian Glass Assemblies (Int.) Pty. Ltd. has developed a stainless steel pool gate fitting to meet the stringent standards of the BCA Building Code, AS1926.1 and AS1926.2 swimming pool safety part 1 and part 2, AS2818 and AS2820 Swimming Pool Safety and Swimming Pool Safety Gate Units as well as AS1288-2006 Glass in Buildings.



Top Pivot Patch



Magnetic Latching



Floor Spring Gate-Control