



\*\* If the handrail is not fixed to the wall, the end panel can not exceed the following:  
 700mm without a MANG handrail insert or  
 800mm with a MANG handrail insert. These distances must include the gaps between the glass.

Elevations are for illustration purpose only.

Glass to be in accordance with AS1288 and AS 2208, with a minimum surface compression of 69 MPa.

Glass must be blocked and set in frame in accordance with AS1288 to ensure the glass can not dislodge.

Channel to bear hard on concrete, Pack hard with grout as required.

Handrail wall plates must be used if the end panels of glass are wider than 700mm with no continuous handrail insert or wider 800mm with a continuous handrail insert, including gaps.

Channel fixed down with a 10mm countersunk carbon steel screw bolt 120mm long @ 300mm centres.  
 75mm Min. embedment and 50mm edge distance.

Concrete slab to be verified by project engineer as structurally suitable to safely support balustrade loads.

Designed for C3 classification barrier in accordance with AS1170.1  
 Designed horizontal live load = 0.75kN/m  
 Designed infill live load = 1.0 kPa  
 Designed for wind in accordance with AS1170.2 (refer to table)

Additional requirements for toughened safety glass are required where the balustrade is more more than 5 metres above floor / ground.  
 Refer AS1288 / Amdt. 2 / 2011-11-11. clause 3.8

All aluminium to be 6106 T6 grade U.N.O.  
 All fixings to be A2 / 304 stainless steel U.N.O.

Top of handrail to be 1000mm Min. from FFL.

When Axiom products are concealed or in contact with screed, tile bed or another item that could cause corrosion, Axiom products must be adequately protected to prevent any corrosion.

It is the installers responsibility to ensure that any dissimilar metals are kept separated. Axiom Group recommends the use of nylon washers to keep dissimilar metals separated.

\* Read this drawing in conjunction with the relevant engineering drawings. All products must be installed as specified by the engineer.

Additional items to order  
 Rubber to cut and fit into the channel between each panel of glass, Axiom product code: SG9872GR  
 Stainless steel joining pins to join channels together, Axiom product code: SG9872JP  
 Channel end caps, Axiom product code: SG9872ECB



Style: Frameless balustrade system Suite: Axiom Smart Glaze Suite Title: Axiom SG9872 dry glazing channel with 12mm glass and ARN handrail.	Drawing n°. SD24-01	Wind region:	Revisions: _____  Approve all details and specifications on this drawing for manufacture  Signed: _____ Dated: _____	Proprietary and Confidential This drawing remains the sole property of Axiom Group Investments Pty Ltd. It must not be reproduced in part or in whole without consent from the Directors. Axiom reserves the right to amend drawings in the interest of continuous improvement. E & O E
	Drawn by: C R R	Terrain category:		
	Date: 8 / 4 / 2019	Building height:		
	U.N.O. All dimensions are in MM	Maximum post spacing: n/a		