



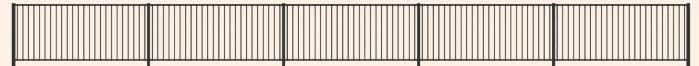
Complies to AS/NS1170.1 as outlined in our Product Technical Statement PTS 100110. For use as Balustrade as outlined in the current product technical statement. Not suitable for areas protecting a fall of 4m or more. Not for use as pool fencing or other structural use. Consult with your local building authority to determine product suitability before commencing works.

TIPS ON FITTING YOUR BALUSTRADE PANELS

Below show how panels can be fitted to achieve a different finish. The examples below use the same amount of panels and posts over the same length.



Least amount cuts - standard panel lengths with 1 panel cut as filler for end of run. This is the easiest method, but may not be acceptable visually.



Evenly cut panels - standard panels all cut to even sizes so there is no short panel showing at the end of run.

TOOLS REQUIRED

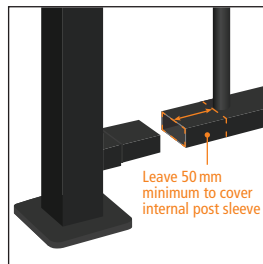
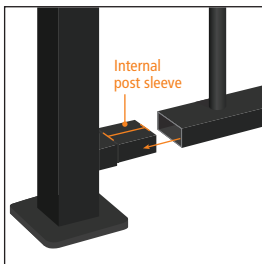


SET OUT

Set up your string line for your intended fence line, keeping the string line as low as practical and an even distance from the ground. Use a tape measure to mark your Aluminium Balustrade Posts locations.

ASSEMBLING YOUR ALUMINIUM BALUSTRADE

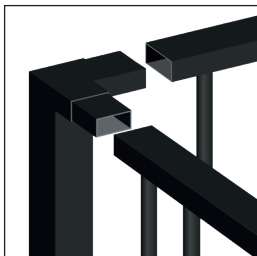
1. Slide your Aluminium Balustrade Panel onto your Aluminium Balustrade Posts. **DO NOT SCREW-FIX AT THIS POINT.**



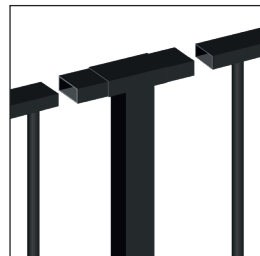
2. If you need to cut your panel to fit marked cut locations on the Aluminium Balustrade Panel, be careful to leave at least 50mm internal rail clearance (free of picket) to accommodate the internal post sleeve.

TIP: You may need to cut your Aluminium Balustrade Panel on both sides for a symmetrical finish.

90° Balustrade Post



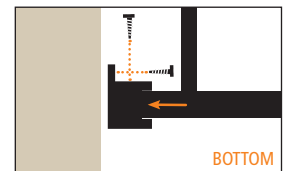
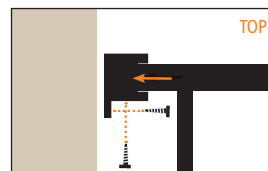
Middle Balustrade Post



INSTALLING YOUR ALUMINIUM POSTS AND BRACKETS

TIP: To fix your Aluminium Balustrade Panels to your wall we recommended ProtectorAl™ Wall Brackets.

1. Set up your string line for your intended balustrade line, keeping the string line as low as practical and an even distance from the ground. Use a tape measure to mark your Aluminium Balustrade Post centre locations.



2. If you are fixing your Aluminium Balustrade Panel directly to a wall or pre-existing structural post, slide your ProtectorAl™ Balustrade Wall Brackets (50 mm x 25 mm) onto your Aluminium Balustrade Panel with the fixing lugs facing towards the centre of the Balustrade Panel.
3. Position the assembled (**not yet fixed**) Balustrade system over your string line, ensuring the centre of the Balustrade Panel is located at the centre of the desired area.
4. Screw-fix your Balustrade Panel to Balustrade Posts. Then fix Balustrade Post to the ground and Brackets to the wall or existing structural post (where applicable). Refer to the ProtectorAl™ Product Technical Statements available at protectoral.com.au/support/guides-downloads/ and always consider any local authority laws and regulations regarding fixings suitability and installation requirements.

INSTALLING YOUR ALUMINIUM POST DOMICAL COVERS

1. To create a clean finish, we recommend using ProtectorAl™ Post Domical Cover's.
2. Separate the domical cover into two pieces being careful not to lose the small hex screws.
3. Position the 2 part domical cover around the post, concealing your base plate and fixings, lining up the hex screw locations.
4. Insert and tighten the hex screws so the domical cover is now secured in position around the post.

