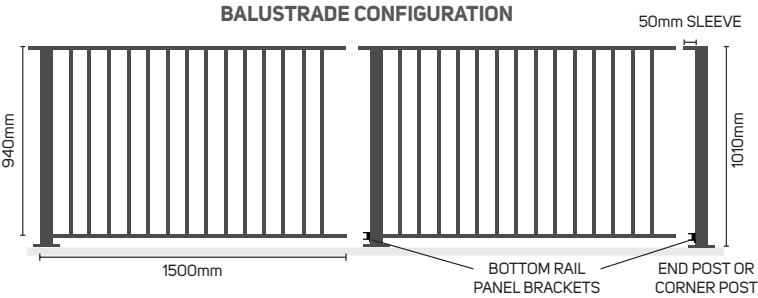


ALUMINIUM BALUSTRADE INSTALLATION GUIDE



PRODUCT SPECIFICATIONS

BALUSTRADE PANEL

- Total weight: 7kg
- 14 pickets, 84mm spacings
- 16 x 16 x 1.5mm square tube
- Top Rail: 25 x 50 x 2mm
- Bottom Rail: 25 x 38 x 2mm

END & CORNER POSTS

- 50 x 50 x 5mm square tube
- 50mm sleeve
- Base plate: 100 x 100 x 8mm

FIXING DETAILS

SUBSTRATE MATERIAL	FIXING TYPE PER BASE PLATE	MINIMUM GEOMETRIC DISTANCE
STEEL	4 x STAINLESS STEEL 316 M10 BOLT	15MM FROM EDGE
TIMBER	4 x STAINLESS STEEL 316 M10 BOLT WITH MINIMUM 46x46x4MM WASHER	40MM FROM EDGE OF DECK 100MM FROM END OF DECK
	4 x STAINLESS STEEL 316 M10 COACH SCREW	50MM FROM EDGE OF DECK 80MM FROM END OF DECK 130MM EMBEDMENT DEPTH
CONCRETE	4 x HILITI HUS3-HR 8 CONCRETE ANCHOR	120MM CONCRETE THICKNESS 50MM FROM EDGE 80MM EMBEDMENT DEPTH

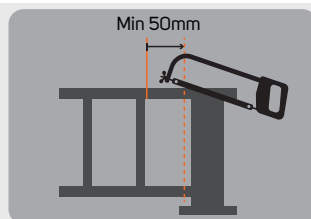
ALUMINIUM BALUSTRADE INSTALLATION GUIDE

MEASUREMENTS AND ORDERING

Measuring your fence correctly is the most vital step to ensure you order the correct materials for the job. This will save you time and money when it comes to installing your new balustrade. Use the fencing planner on the last page of this brochure to plan out your balustrade fencing.

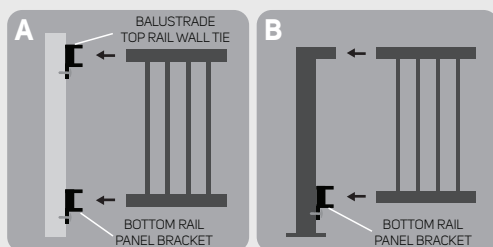
STEP ONE - CUT TO LENGTH

- Mark and cut any panels to the required length using a hack saw.
- When cutting the panel, include an excess of 50mm from the upright for the panel bracket and to sleeve into the post.



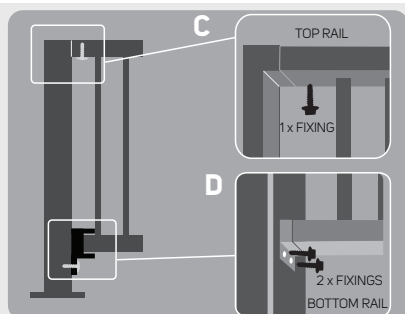
STEP TWO - FIX PANELS TO POST OR WALL

- Fix the first panel securely to either the wall or end post:
 - A. Secure to wall using a top rail wall tie and bottom rail panel bracket and appropriate fixings.
 - B. Secure to end post using a bottom rail panel bracket and tek screws (provided).



STEP THREE - INSERT & FIX PANELS

- Insert the next panel.
- Fit the panel bracket into the bottom rail before inserting the panel into place.
- Fix the panel into place using tek screws (provided).
- Use 2 tek screws to attach the panel bracket onto the bottom rail (D), and secure the top rail using an additional tek screw or aluminium rivet (C).
- Repeat with the next panels, ensuring that all panels are



STEP FOUR - SECURE POSTS TO SURFACE

- Secure posts to the floor using appropriate fixings (refer to Fixing Details).
- To finish, fix end post and corner posts as required.

