

# Intrim Connecta Rail Installation Guide

Please read the following installation instructions carefully prior to beginning installation of the Intrim Connecta Rail. Failure to comply with these installation instructions may void any warranty. Use in conjunction with Connecta Rail installation video. [Click here to view.](#)

Should you have any questions regarding installation please phone 1800 622 081 for technical support.

## **Pre installation Checklist**

1. Ensure nogging in wall prior to plastering for fixing of handrail brackets at correct height.
2. Inspect all material for damage or missing parts. If you find goods to be damaged or missing, please contact the supplier.
3. Determine height of handrail above finished floor using local building code requirements. Subtract 55mm for 40mm dia and 65mm for 50mm dia from the handrail height to mark the height of top of stainless steel wall plate. Flick a chalk line or use laser level to mark height.
4. Handrail will be supplied in random lengths. Match lengths of handrail to sections of wall to minimise wastage.
5. Start installation of handrail on longest walls. You may need to join multiple lengths of handrail together with SS40J/SS50J or 45 degrees mitre cut to achieve the required length of handrail for that section of wall.
6. Timber rail to start 120mm from door frame or end of wall which allows enough room for the return to be attached to the end of the timber rail
7. Cut lengths of timber handrail using a 80-100 tooth saw blade or equivalent. Use equipment that will ensure all cuts are square.
8. Sand cut edges of timber handrail slightly applying a small bevel to remove any splintering from cutting.

## **Attaching Handrail Brackets to Handrail**

1. Handrail Brackets are to be spaced at a maximum of 900mm centres for 40mm dia and a maximum of 1200mm centres for 50mm dia. Wall mounting brackets to start no more than 150mm from end of timber handrail.
2. Place timber handrail on a flat surface and secure to prevent rotation. Ensure any variations in timber rail are placed to underside of handrail.
3. Using the second U shaped drilling jig provided, drill 15mm diameter holes in timber handrail to full depth of thread plus 2mm deep for clearance, then remove U shaped drilling jig and drill a 16mm hole in the top 5mm of the 15mm diameter hole to allow for the body of the handrail bracket.
4. Insert threaded upright of handrail bracket into hole turning bracket in a clockwise direction to wind into underside of handrail.
5. Ensure all brackets finish rotation in the same position ready for fixing to wall.

**Attaching Handrail to wall**

1. Use assembled handrail as a template to drill clearance holes in wall for mounting by aligning upper edge of handrail bracket with height mark on wall.
2. Attach handrail brackets to wall using appropriate fixings.

**Attach 90° bends, 45° bends and end caps to handrail**

1. Use Connecta Rail drilling jig to drill hole to centre of end of timber handrail.
2. Insert JF01 Joining Fastener to hole in end of handrail with hex key turning in a clockwise direction until tapered piece is left protruding from end of handrail.
3. Apply masking tape to end of handrail to protect ends of timber handrail from adhesive during assembly.
4. Apply a small amount of Premium Construction Adhesive to end of handrail.
5. Locate hole in 90° bend/return, 45° bend/return or end cap over end of joining fastener in timber handrail.
6. Rotate bend or end cap until parallel and properly orientated. Insert allen key provided into hole in underside of stainless steel accessory and tighten. Over tightening may cause damage to thread in stainless steel accessory.
7. Use coating provided and a paint brush to repair any scratches or scuffing that may have occurred during installation

**Coating of Timber component to Connecta Rail (Not applicable if precoated)**

1. To protect the stainless steel surfaces from coating, apply masking tape to end of bend or end cap and handrail brackets prior to coating
2. Stainless steel handrail brackets and bends/returns or end caps may be removed prior to application of clear coating.
3. Using a Cabot's Cabothane Clear or equivalent, apply 3 coats to timber. Coating can either be sprayed or brushed depending on the circumstances. Lightly sand after the first coat. A stain may be applied prior to coating with Cabot's Cabothane Clear.

Helpline

Intrim Group Pty Ltd

Ph: 1800 622 081

Email: [customercare@intrimgroup.com.au](mailto:customercare@intrimgroup.com.au)