

How to fit your QUALITY TIMBER BALUSTRADE

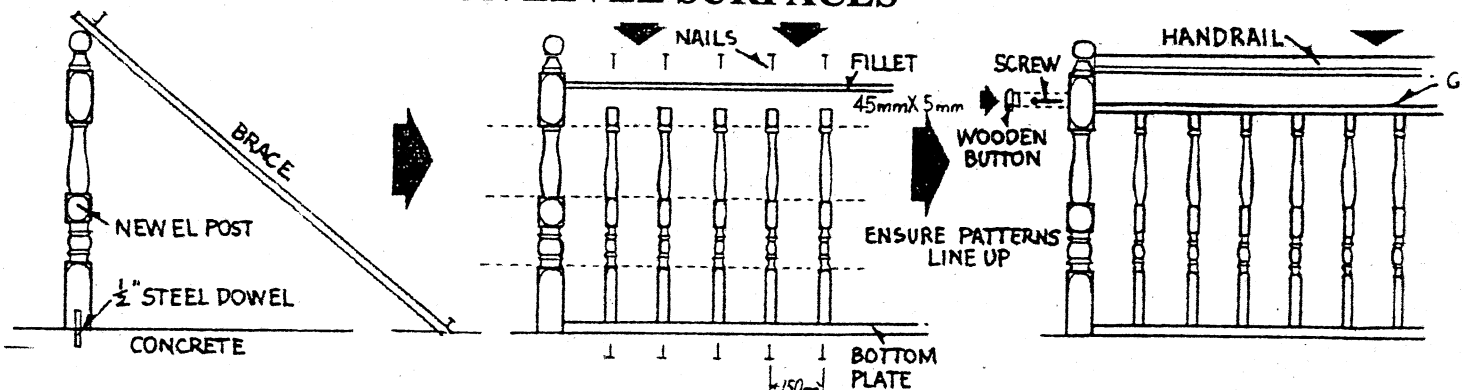
POINTS TO NOTE:

- 1 Use 'ARALDITE' (24hr epoxy resin) or quality glue of your own choice in all joints.
2. For Safety reasons, Balusters should be fitted at approximately 150mm centres on balconies and 180mm centres on staircases. **NO GAP GREATER THAN 124mm**. Balustrade must stand over **1Metre in height (1000mm +) on all landing or balconies 1m or higher** (allow for floor coverings) Staircase balustrade must stand 865mm **MINIMUM plumb up from staircase nosing line**, (Hip height for holding strength)
3. Measure distances between Newel posts to calculate even baluster gaps for each length (a pair of dividers or calculator is handy)
4. When fitting on balconies ensure the pattern of the Newel posts line up with the pattern of

Erect newel posts	Cut and assemble balusters	Erect Balusters and attach Handrail
<p>If the floor is timber the posts can be chopped or a 25mm timber dowel araldited into floor joist.</p> <p>If the floor is concrete use 12mm" steel dowel.</p> <p>Ensure posts are plumb and brace to dry in correct position.</p>	<p>Cut balusters to size ensuring the pattern lines up with the pattern on the posts.</p> <p>Glue and nail Balusters onto the bottom plate and then, ensuring they are plumb .Nail fillet on top or cut fillet between balusters</p>	<p>Cut handrail to size and glue to fillet and Newel Posts.</p> <p>Drill 25mm hole drill approx to take button or 15mm for flush plug , relieve with drill bit to suit 100mm batten screw</p> <p>Secure Newel Post into end of handrail, Seal up the hole with timber button.</p>

the Balusters wherever possible.

ASSEMBLY ON LEVEL SURFACES



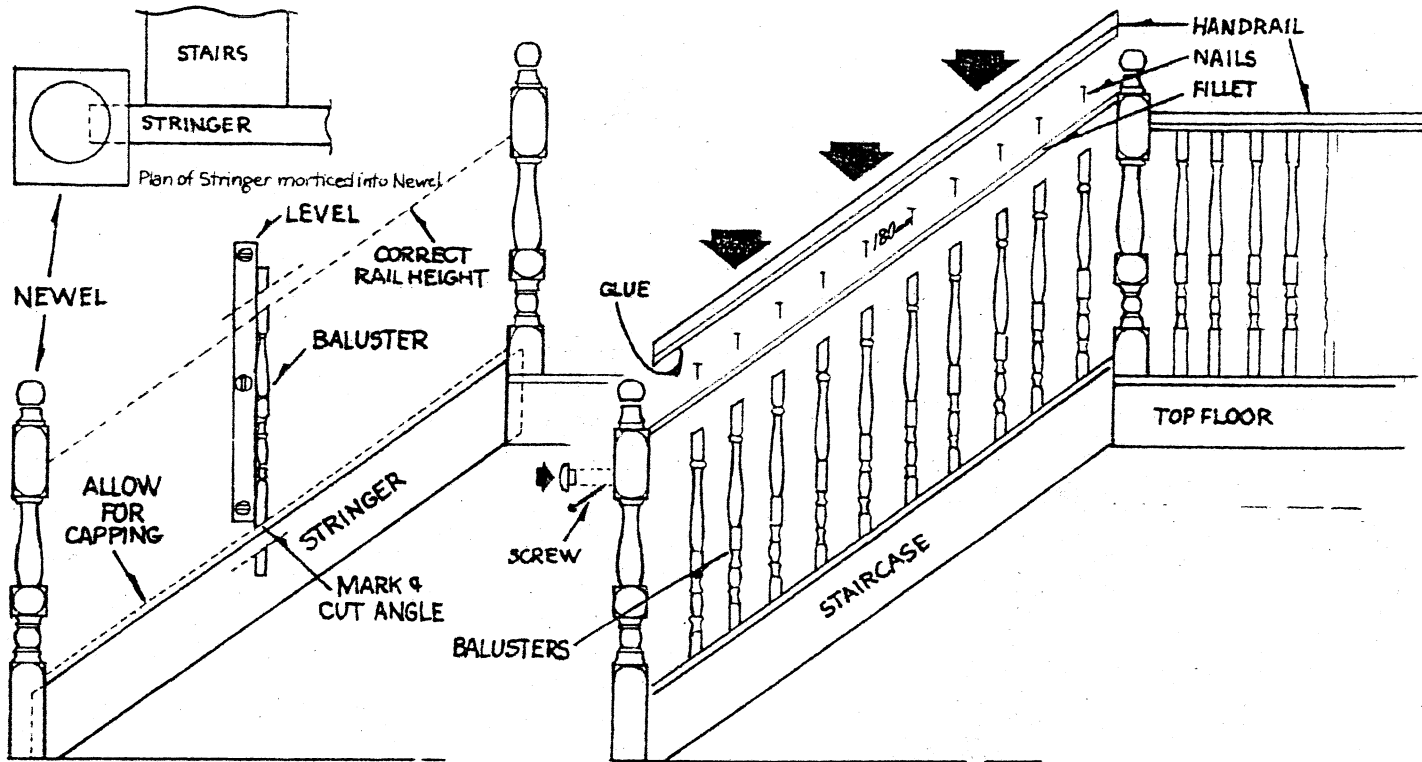
TIMBER STAIRCASE SPECIALISTS ABN 31293884337

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STAIRCASE BALUSTRADE FITTING



ERECT NEWEL POSTS AND ASSEMBLE BOTTOM PLATE.
BALUSTERS,
FILLET AND HANDRAIL
CUT BALUSTERS TO SIZE AND ANGLE

Mortise top and bottom newel posts over stringer. Check height to ensure the rail will intersect both posts on their top flat surfaces. (rail height 865mm min plumb up from nosing line). Cut Balusters to size allowing for bottom rail and again ensure rail will intersect posts on flat surfaces. To get staircase angle hold Baluster on the side of the stair case stringer, plumb and mark angle. Cut both ends of the Baluster to this angle. This Baluster is now your master pattern. Cut and nail capping onto the stringer. Skew nail and glue the bottom of the Balusters onto the capping at approximately 180mm centres. When all the balusters are in position and plumb, cut Fillet to length and nail and glue to top of Balusters. Cut and fit handrail. Glue to the Newel Posts and Fillet. Attach surface assembly. Rail to Newel Posts as described in level Section.

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