

Timber Stairs Installation Guide Toolbox Talk 6

- Balustrade and handrail fitting and fixing.
- Post installation checklist

April 2014



Assembly and Installation

Balustrade

To provide the necessary **Protection from Falling** the balustrade **MUST** be fixed securely.

Balustrade will be delivered in 2 ways;

Fully assembled: Follow manufacturers instruction for fixings and installation.

Component form: Cut correct angle and joint to end of handrail, string capping and spindles and infill pieces.

String capping: achieve a tight fit by cutting correct angle and top and bottom. – Fix using appropriate wood screws.

Screw spacing: 50 mm from end at a MAXIMUM of 450 mm centres.

Cut spindles to length to ensure that the **FULLY** engage into the string capping and handrail grooves.



Assembly and Installation

Handrail



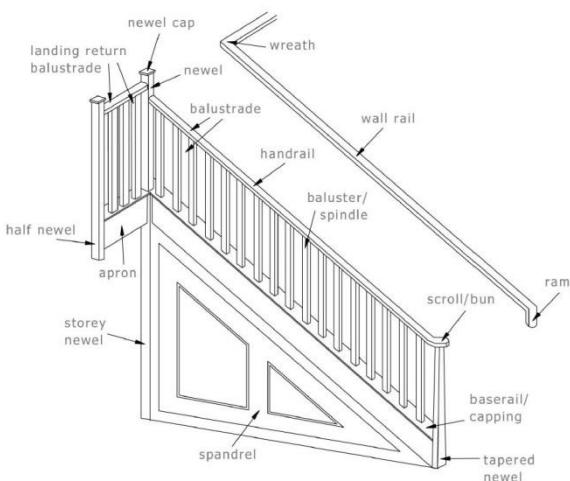
It is essential that handrails are fitted securely

Mortise and tenon fixing: Handrails are often supplied with a tenon to fix into a mortise on the handrail.

!! DO NOT remove the TENON !!

In this case, the handrail must be fitted at the same time as the top and bottom newel post.

Mechanical Fixing: Refer to manufacturers installation instructions.



Note: a handrail alone only **WILL NOT** act as a safety barrier.

Full protection from falling can ONLY be afforded once the **completed** handrail assembly is fully installed. Until this time **suitable temporary guarding measure MUST** be in place.

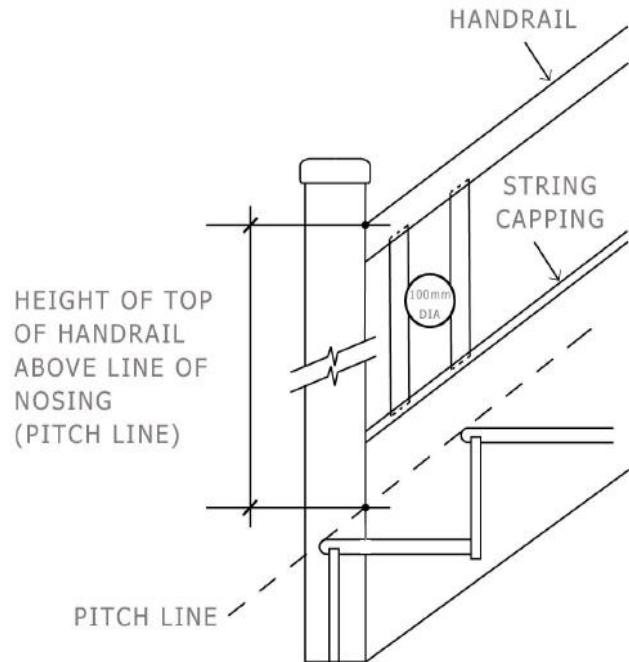


Assembly and Installation

Spindle spacing and fixing methods



- Handrail must be located between 900 mm and 1000 mm above the pitch line
- Guarding of private stairs must be NO LESS than 900 mm above the pitch line.
- Handrails can form the top of the guarding.
- A 100 mm diameter sphere must not be able to pass between successive balusters.



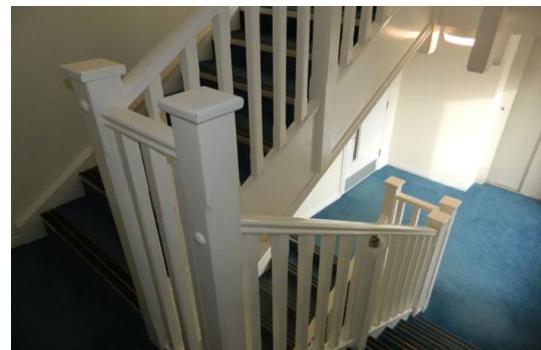
Post installation

- Remove any temporary guarding and clean area of debris and dust created by fixing to walls.
- Check the stair for any damage that has resulted from installation and make good / remedy.
- Protect the finished surface of the stair from damage caused by other building contractors.
- Ensure the customer is in receipt of the correct Care and Maintenance and Guarantee documents relevant to the stair.



It's all in the badge!!

- ✓ The BWF Stair Scheme - only accreditation and certification scheme of its kind in the UK.
- ✓ The standard expected of the manufacturers within the scheme is extremely high to ensure quality and safety.
- ✓ All companies within the scheme are regularly audited to ensure their products and their production meet these high standards.



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