



Staircase with Winder Treads: Installation Guide

STAIRCASE WITH WINDER TREADS

Before you start

General Checklist

-
- Check the weight label for manual handling –
(2 man lift) staircase weight is with the staircase drawing.
-
- Check storey height is correct, finished floor to finished floor
(+ or – our tolerance of 10mm max).
-
- Check the opening size is correct and wall finish tolerances
have been allowed for correctly.
-
- Gather all loose components, check the job number and plot number labelling are
correct for all parts supplied (Don't use parts that are not labelled for the plot!).
-



Tools required checklist

Tools Checklist

-
- Tape measure
-
- Pencil
-
- 600mm X 400mm roofing square (Checking Squareness)
-
- Small square (for marking out)
-
- Hand saw
-
- Speed clamp
-
- 110v Power or battery circular saw (cutting out of floor for top nosing)
-
- Sharp Chisel's (to pare treads if needed)
-
- Wood block plane (To chamfer risers to corners)
-
- Hammer (fixing of wedges & dowels)
-
- D4 Polyurethane glue (fixing of newel posts, risers & glue blocks)
-
- Level 6ft & 600mm short (to check newel post and to check across the tread)
-
- Battery drill screwdriver (for screwing risers and treads)
-
- SDS drill (to use when fixing thunder bolts, fixing staircase to wall)
-
- Paslode pin gun (to fix glue blocks etc. and general)
-

Fixings for staircase's

-
- Screws 4x40mm (minimum size) to fix risers to treads
-
- M10 x 150mm thunder bolts
-
- Screws 10x100mm (Minimum size) to fix when stud walls are in place
-

Step One

Prepare

- Measure and cut the floor back to the top Trimmer making sure you leave clearance of 2-3 mm.
- Measure Trimmer – Cut out size from the back of the riser position on newel post.
- Cut out notch on wall strings (top only), to sit on chipboard floor



Step 2

Fitting of newel posts

- Slide on and attach the newel post using dowels supplied for fixing, note you may have to fix a winder tread before depending on the set out of risers.
- Use a prop and clamp to hold the newel post square.
- Remember do not use a level for this process; you need to make sure the tread and newel post are square using a 600 x 400 Roofing Square.



Step 3

- Following on from step 2, using a 600 x 400 Roofing Square, the first winder tread must be square to the newel post.
- Make sure this process is done and correct before moving on.
- This will affect the newels being out of square when offering the stairs in position afterwards.



Step 4

- Now the newel post is square to the tread.
- Fit winder treads in sequence around the wall strings and newel posts, using screws to hold in place.
- You may need to pare treads with the aid of a chisel just to ease the treads due to weather conditions i.e. swelling of the MDF.



Step 5

- While fitting the winder treads around the string make sure the return string is square by using your 600 x 400 Roofing Square in the corner.
- If the winder treads are not fitting correctly, check that the wall string is level across the floor and not rising up out of flatness as this will affect the treads not fitting correct.



Step 6

- Once all the winder treads have been fitted, re-check the newel post is still square to the first winder tread, then fit top nosing tread that is 70mm (fix with screws).
- Measure and cut the top riser fix with glue, wedges and screws.
- Glue and wedge the top winder tread, just this one so far (no other treads should be wedged at this point only screwed).



Step 7

- At this point by lifting the staircase in position you will see only the top winder tread has been fitted and secured, prop the staircase up in the corner so the level shows correctly.
- If you have done steps 1-6 the staircase will be level and square with no issues.



Step 8

- With completing steps 1 – 6 fix the staircase back to the wall, using M10 x 150mm thunderbolts (not supplied with stairs) adding your additional timber for packing of strings allowing for plaster finish.



Step 9

- With your staircase fixed to the wall, check the newel post is still square off the tread and level. Don't forget the other treads are still yet to be fixed.
- One mistake that site can make is fixing the newels out of square, then fitting treads and risers. Once in position either the newel or the treads are then not level.
- If the newel is slightly out, un-screw the treads around the newel, move the newel post if you have room behind the trimmer and the packing behind the wall string. Fix the top nosing down to the trimmer.



Step 10

- Now that you have fixed the staircase to the wall and checked that the stairs are in the correct position and newels are plumb complete the following:-
- Glue and fix wedges
- Glue and fix the risers
- Fix glue blocks



Suggested Do's and Don'ts when fitting stairs:

Do ✓

- ✓ Check sizes and heights to our drawings before starting.
- ✓ Take care with manual handling of materials when lifting.
- ✓ Use a Roofing Square 600mm x 400mm for checks.
- ✓ Always check newel post is square from the treads.
- ✓ Always fit all components correctly to your ability.

Do not ✗

- ✗ Store materials outside in damp or wet conditions.
- ✗ Pick the staircase up from one string.
- ✗ Throw away caps that get delivered.
- ✗ Fit staircase complete on the floor and offer up in position.
- ✗ Let people walk up & down the staircase once fitted until glue has dried.

Contact

If you do have any queries relating to fitting a staircase please contact:

Andy Clarke

Quality and Continuous Improvement Manager

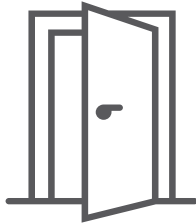
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E andy.clarke@stairways.co.uk



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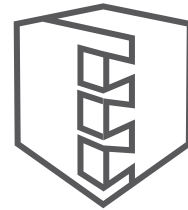
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T 01926 818770
E enquiries@stairways.co.uk

Contact Details

Head Office and Door Division 1

Southam Drive,
Kineton Road Industrial Estate,
Southam,
Warwickshire
CV47 0FA

T 01926 818770

E enquiries@stairways.co.uk

Staircase Division

Bescot Crescent
Walsall
West Midlands
WS1 4ND

T 01922 728600

E stair.sales@stairways.co.uk