



# Stair Assembly Guidance

Poorly assembled winder flights are an all-too-common cause of call-backs to properties, both pre and post-occupation. Follow the guidance below for a trouble-free installation.

## Fit & Square Newel

- 1 Glue mortice with PVA and fit onto the string, then fit the dowels.



- 2 Check that the newel post is square by using a roofing square and prop into the correct position.



## Fit Winder Treads

- 3 Slide tread into the pre-routed housings in the string and post. Glue wedges and knock in until tight.



- 4 Fix a screw through the winder tread into the post.



## Fit Loose Winder String

- 5 Fit loose string, locating with pre fitted dowels. Ensure strings are square.



- 6 Fix string in position by screwing through the mitre joint.



## Fit Remaining Treads

- 7 Continue to fit all remaining treads.



- 8 Ensure all wedge housings are filled with wedges and all treads are screwed to the newel post.



## Fit Risers

- 9 Glue all surfaces with PVA where the riser will touch the treads, strings and newel posts.



- 10 Fit the riser and screw to the back edge of the tread.



- 11 Fit wedges where possible. If a wedge cannot be fitted screw the riser to the post or string.



## Fit Glue Blocks

- 12 Fix glue blocks to the top and bottom edge of the riser, ensure all contact surfaces are glued with PVA.



## Important Checklist

- ✓ All wedge housings for treads in strings are filled
- ✓ All winder treads are screwed to the newel post
- ✓ All risers are glued and screwed at the lower edge
- ✓ All risers are wedged or screwed on vertical edges
- ✓ Ensure PVA glue has been used throughout
- ✓ Post is square to the tread

**If you have not completed all these steps do not continue to fit the staircase**

[Click here to view our stair assembly video](#)