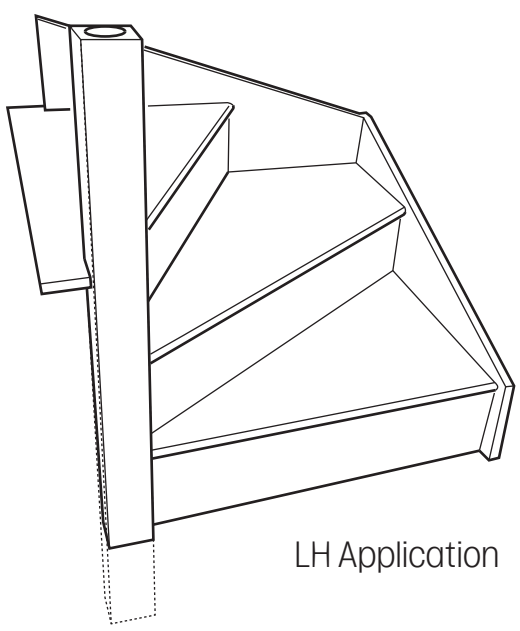
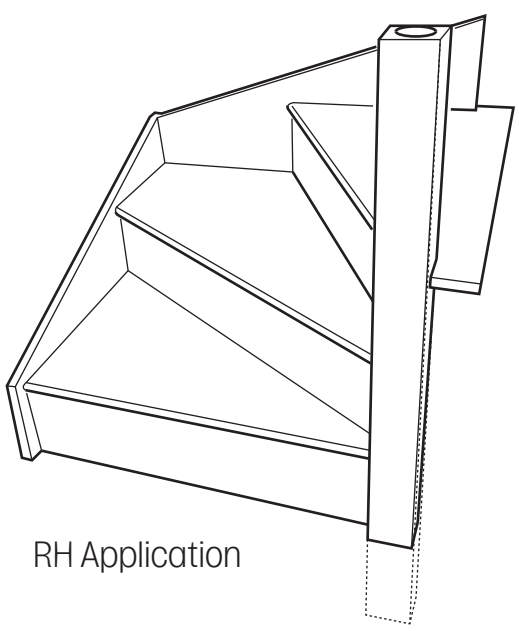
Stair Winder Box (855mm)

Assembly & Installation

LEAFSTA001



LH Application



RH Application

Important Notes:
Ensure packaging is disposed of in a safe environmentally friendly way.

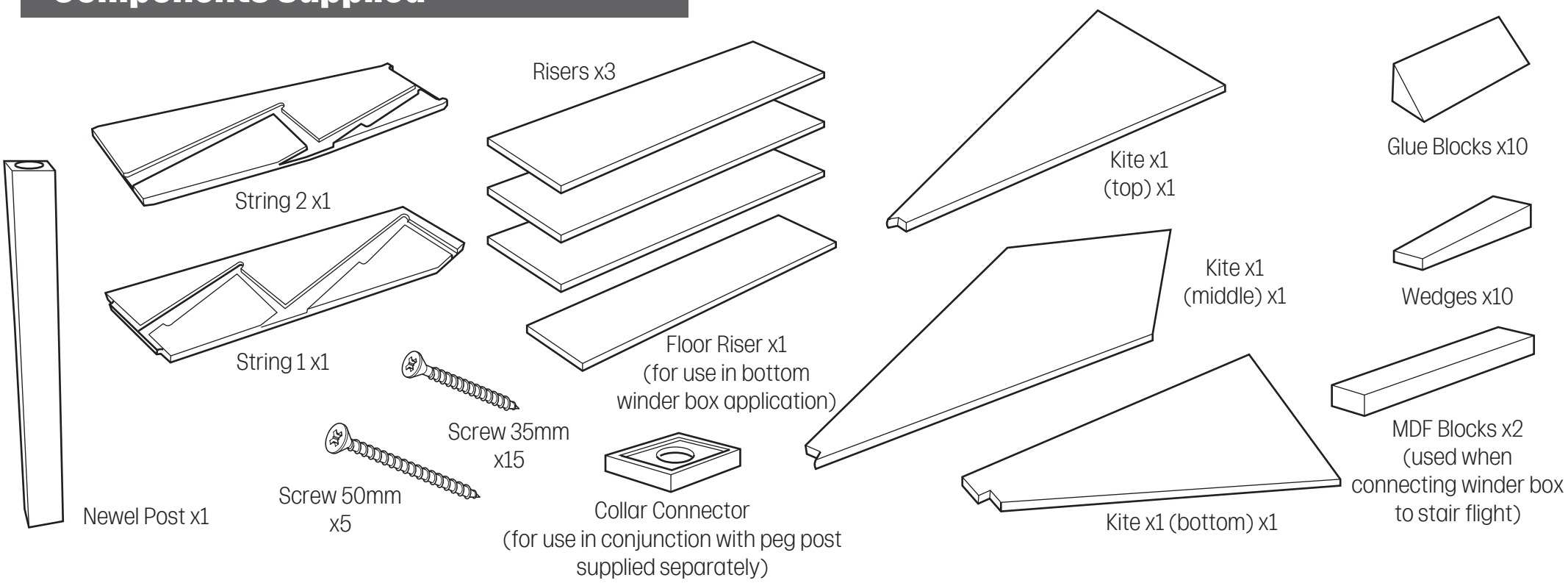
This leaflet shows how the winder box should be assembled and guidance on the principles of installation. It is the installers responsibility to ensure the winder box is securely fixed to the straight flight sections and that the overall system is appropriately secured to the surrounding construction and structurally sound.

Wedges must be firmly tapped into place to secure the kites and risers.

Important: PVA glue must be used on all wedges and risers.

Components Supplied

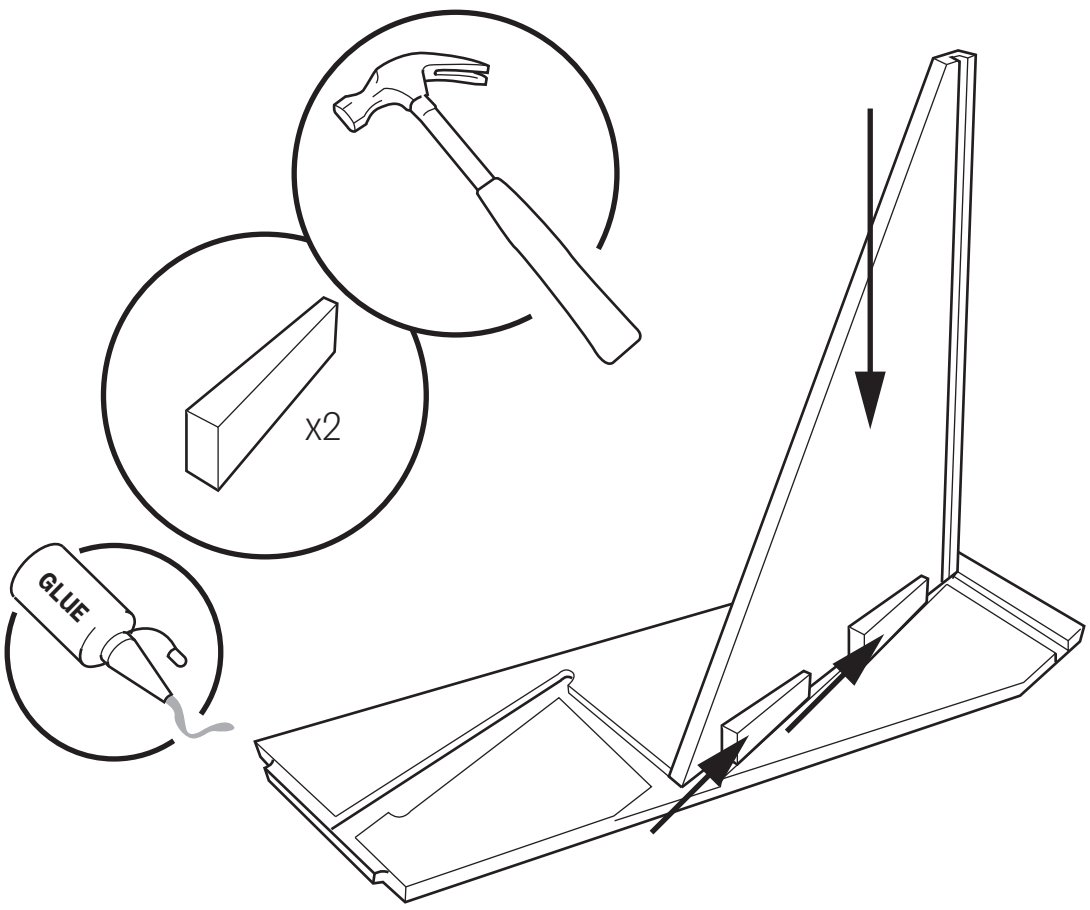
Winder box only to be used with Howdens 855mm straight stair flight.



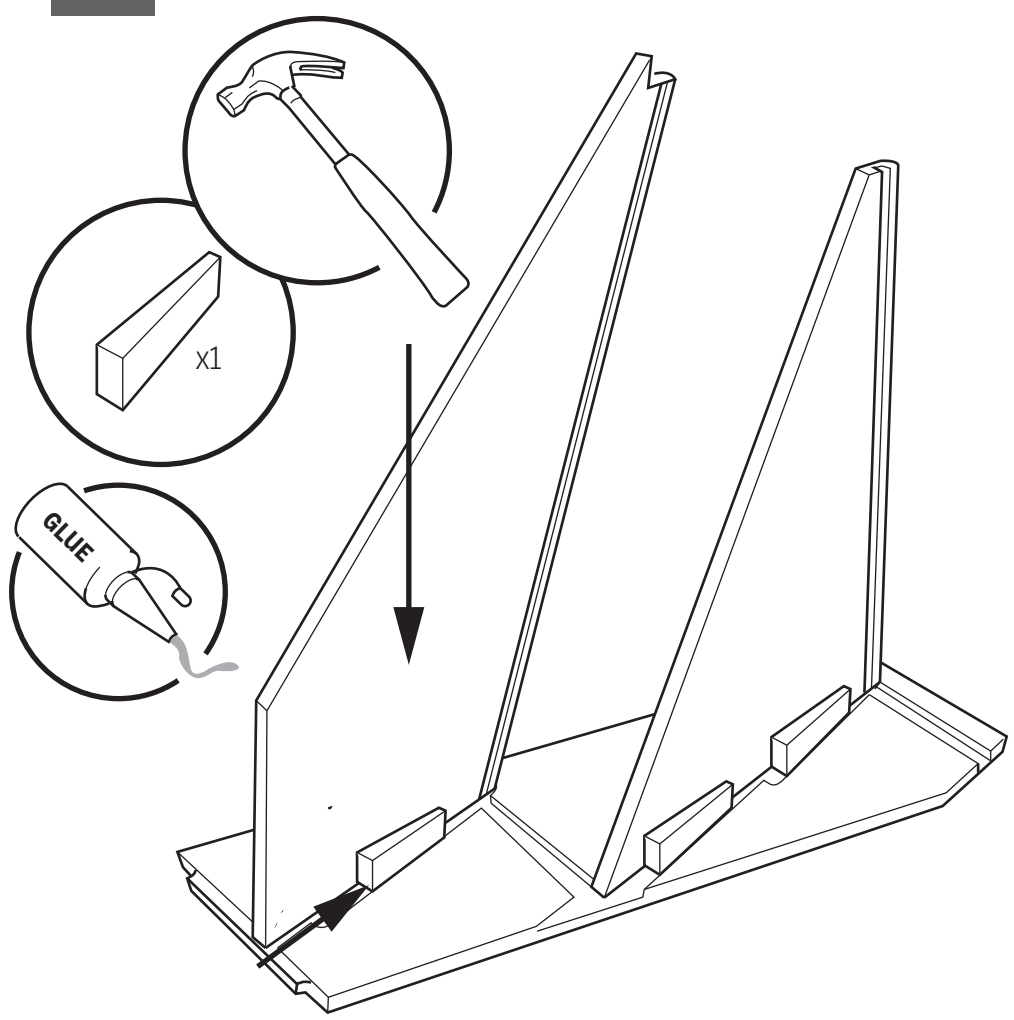
Assembly

LH Application shown during assembly

1 Fit bottom kite, using wedges to secure.



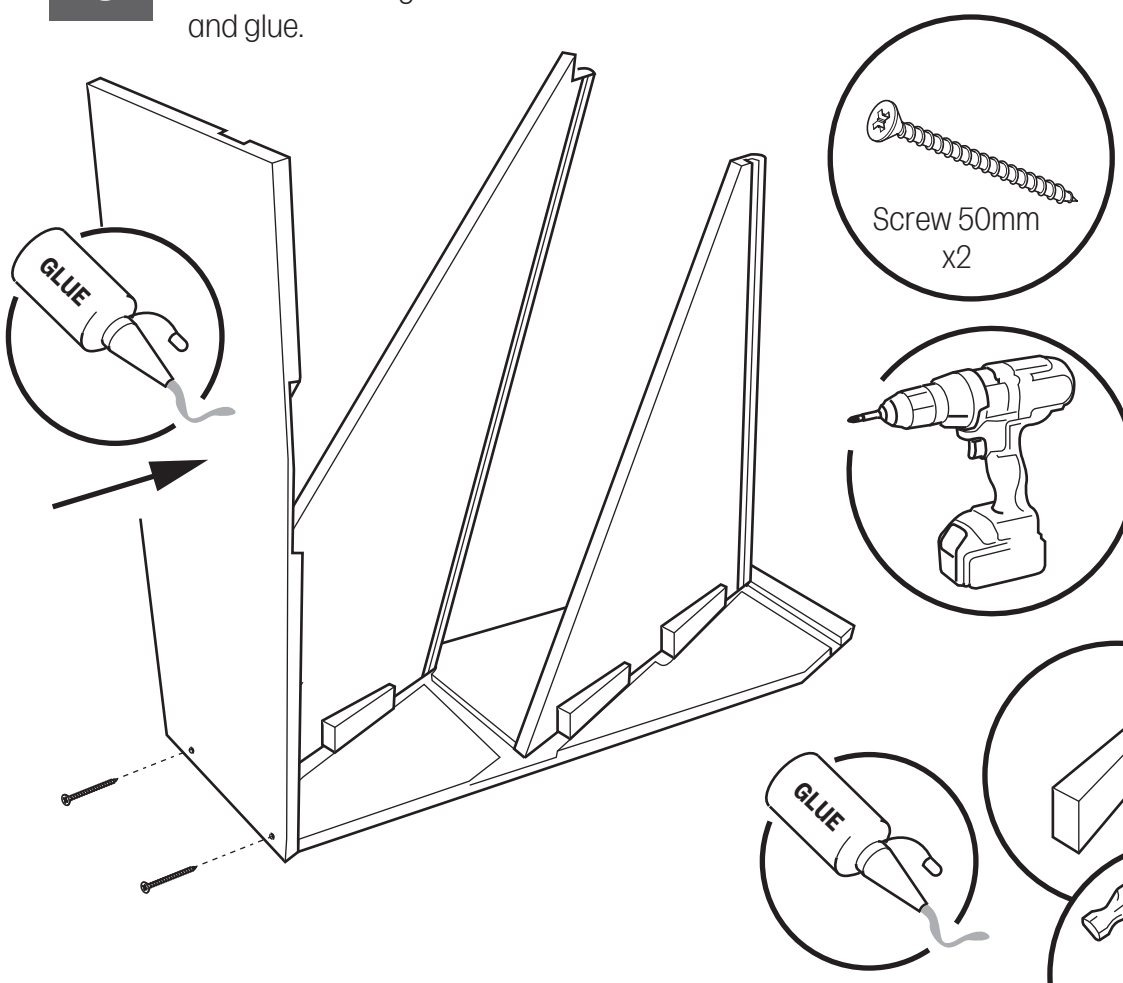
2 Fit middle kite, using wedge to secure.



Note: Screw fixing holes for securing the kites and risers will need to be drilled.

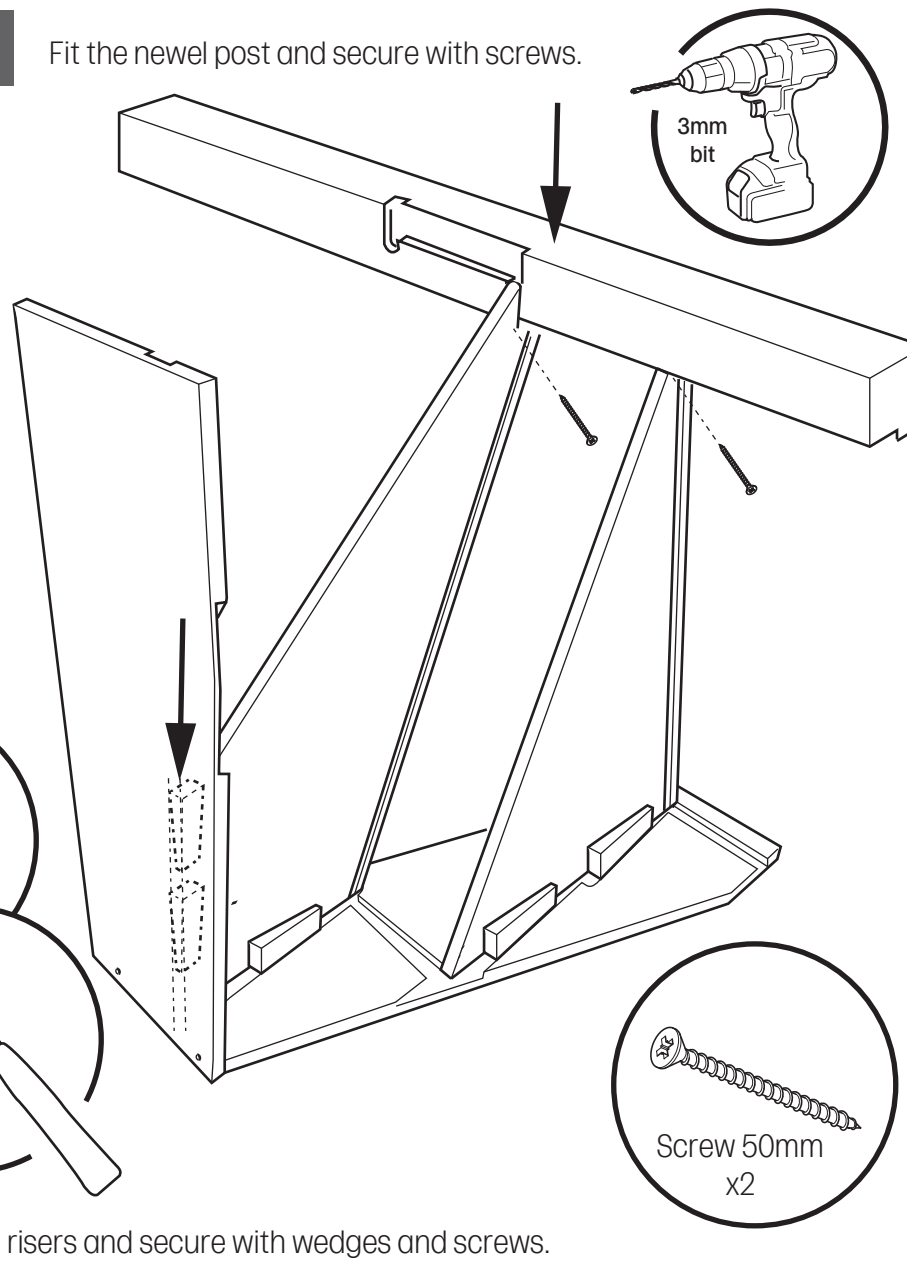
3

Fit the back string and secure with screws and glue.



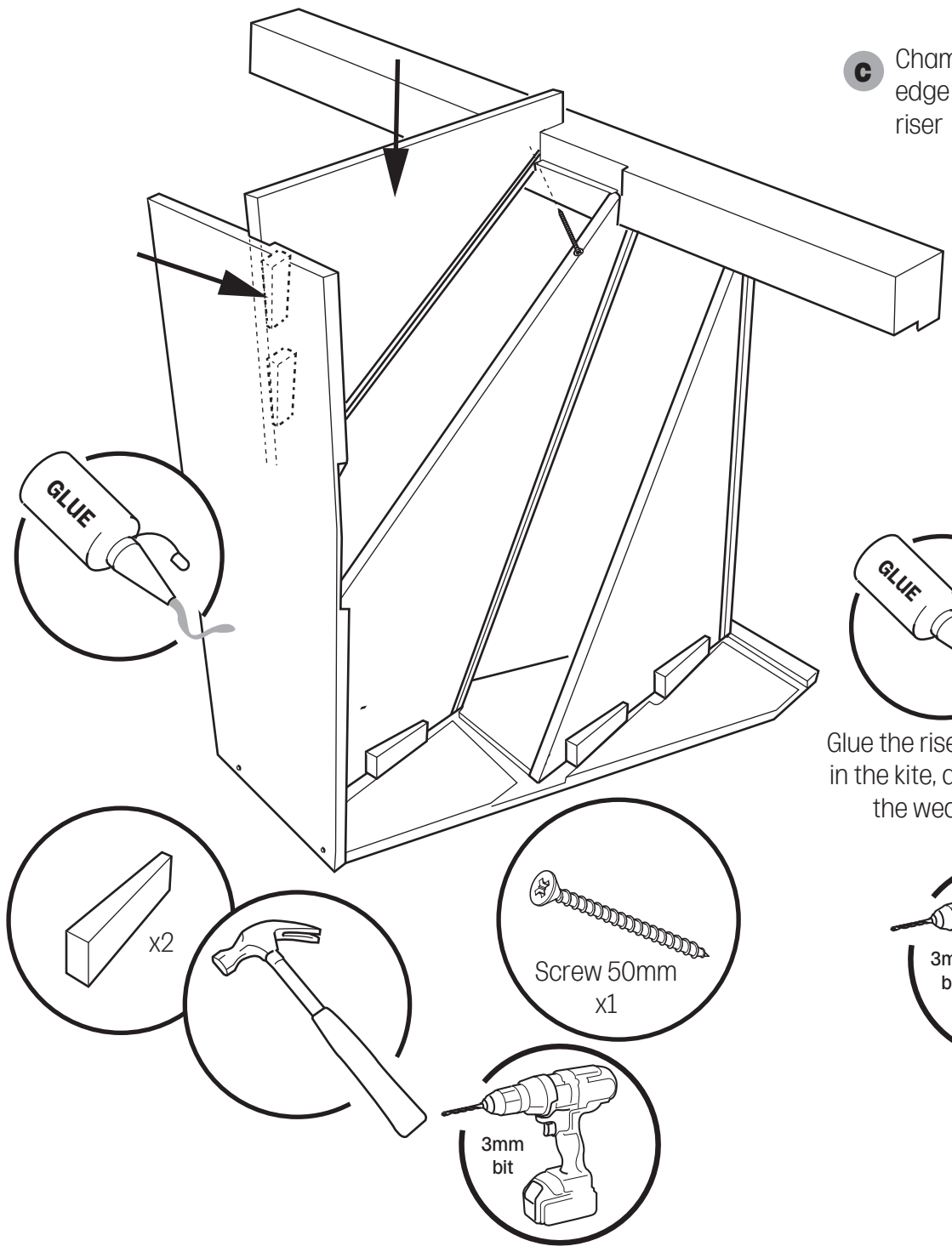
4

Fit the newel post and secure with screws.



5

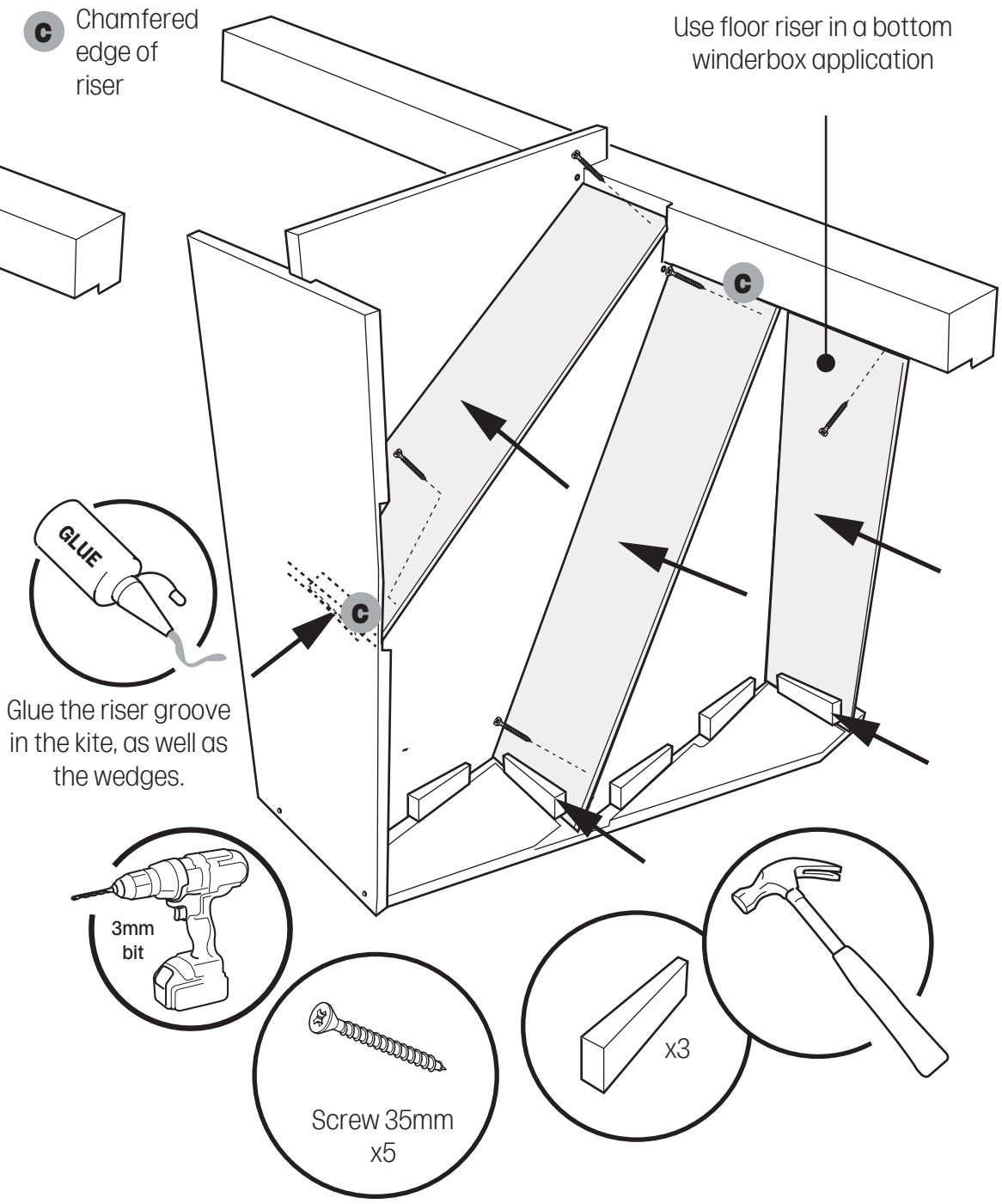
Fit the top kite and secure with wedges and screw.



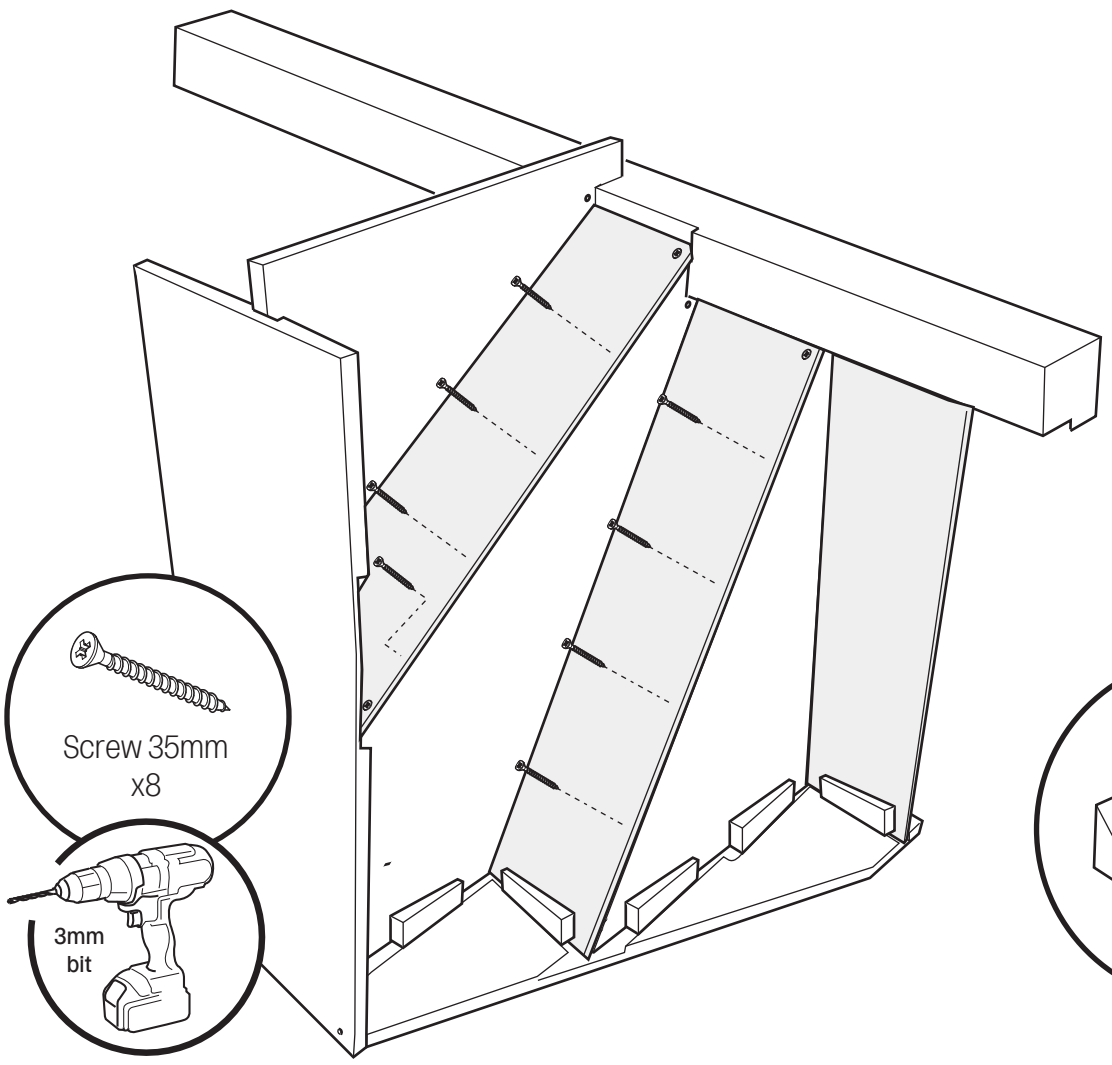
6

Fit the risers and secure with wedges and screws.
Note: Risers are supplied oversized in length and need to be cut to size. Cut the square edge end.

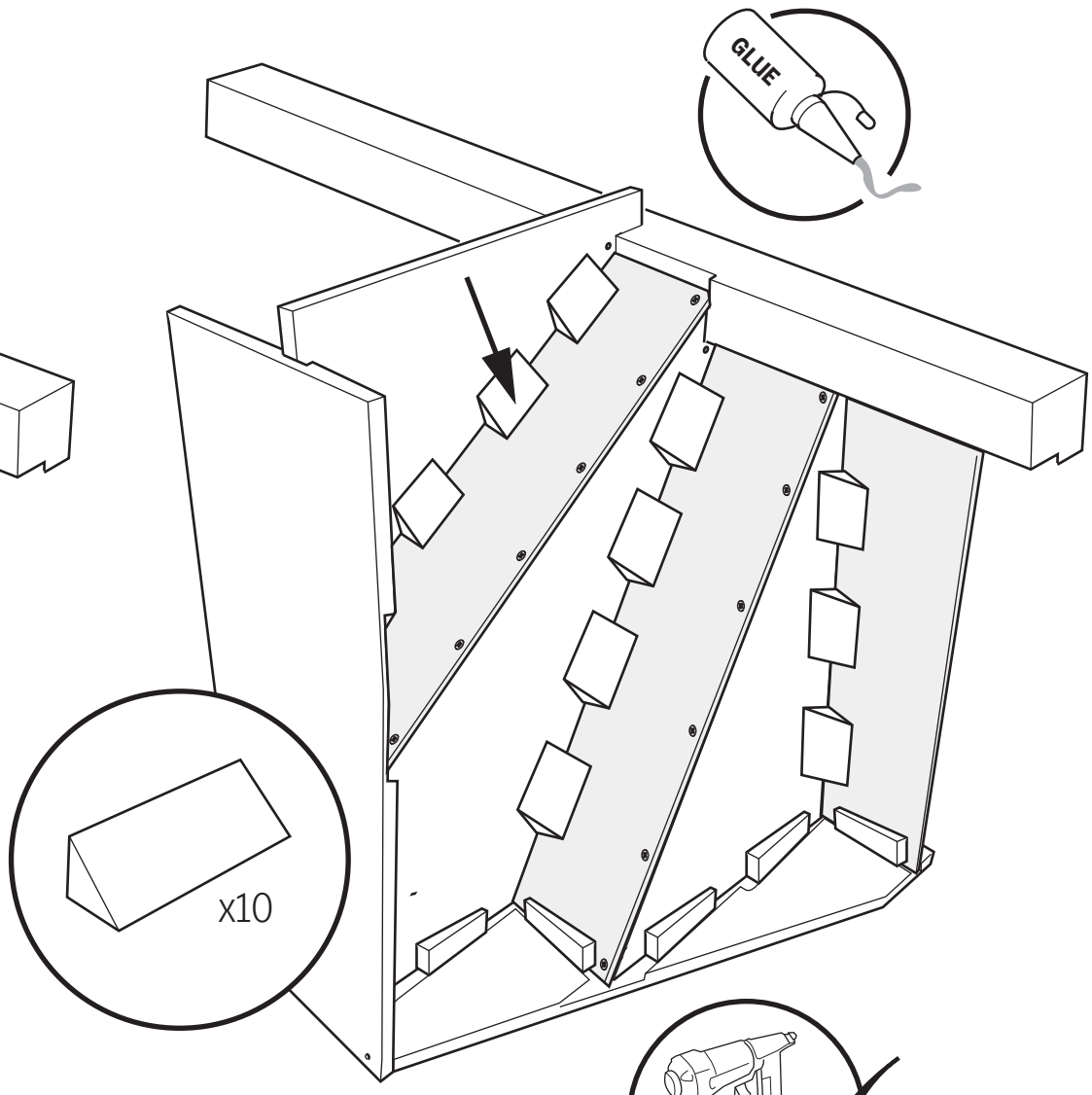
c Chamfered edge of riser

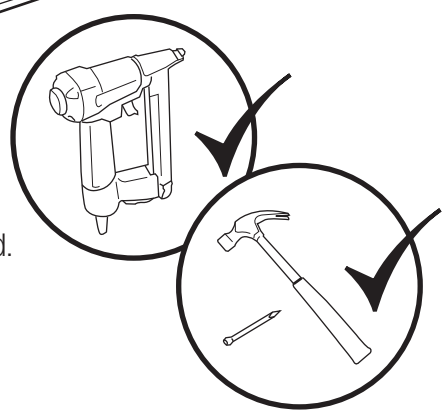


7 Fit additional screws to secure risers.



8 Fit glue blocks to the kites and risers.



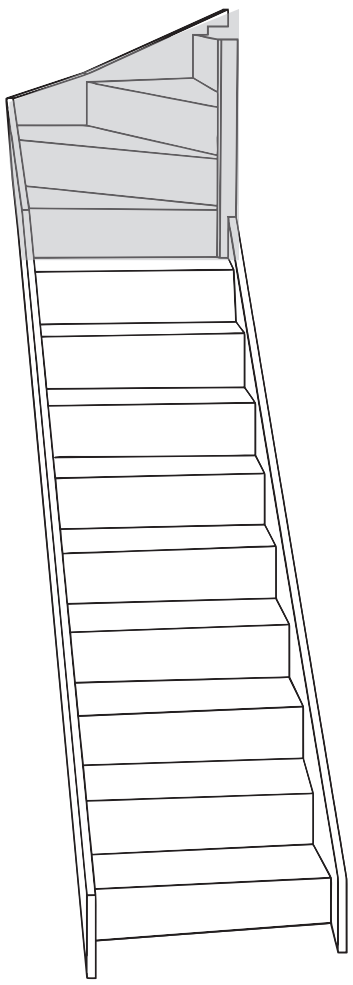


In addition to glue, blocks can be pinned or nailed in position. Fittings not supplied.

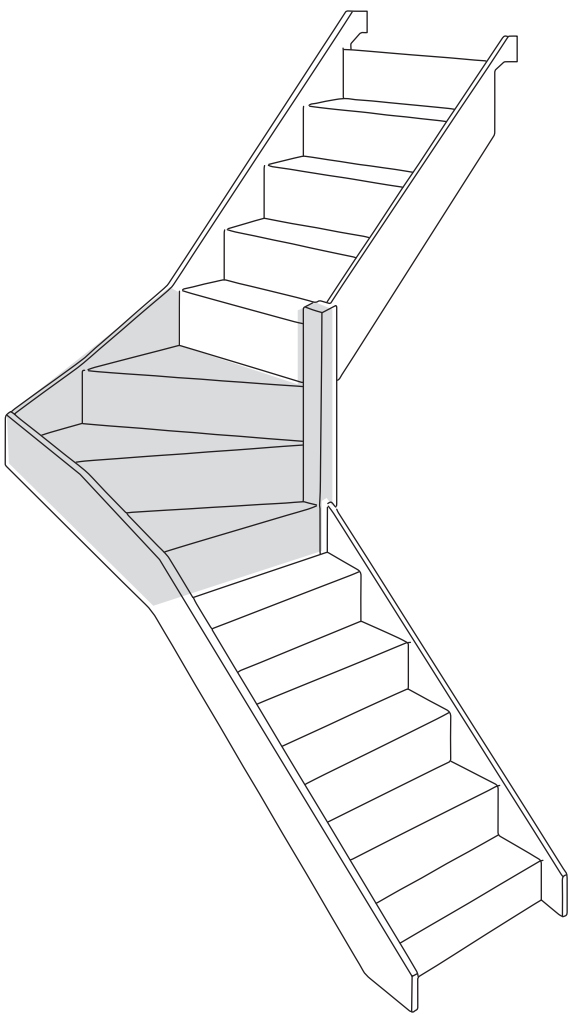
Installation examples

Shown below are examples of the winder box position locations. **More configurations are possible.**

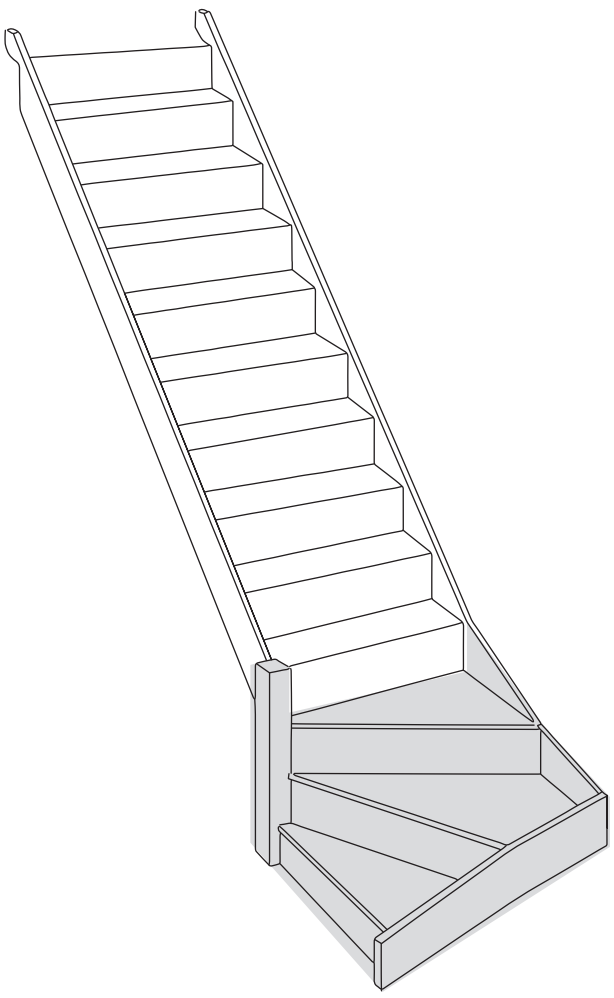
Note: The newel post may require cutting depending on the position of the winder box to the staircase.



Winder box used in top position



Winder box used in a middle (intermediate) position

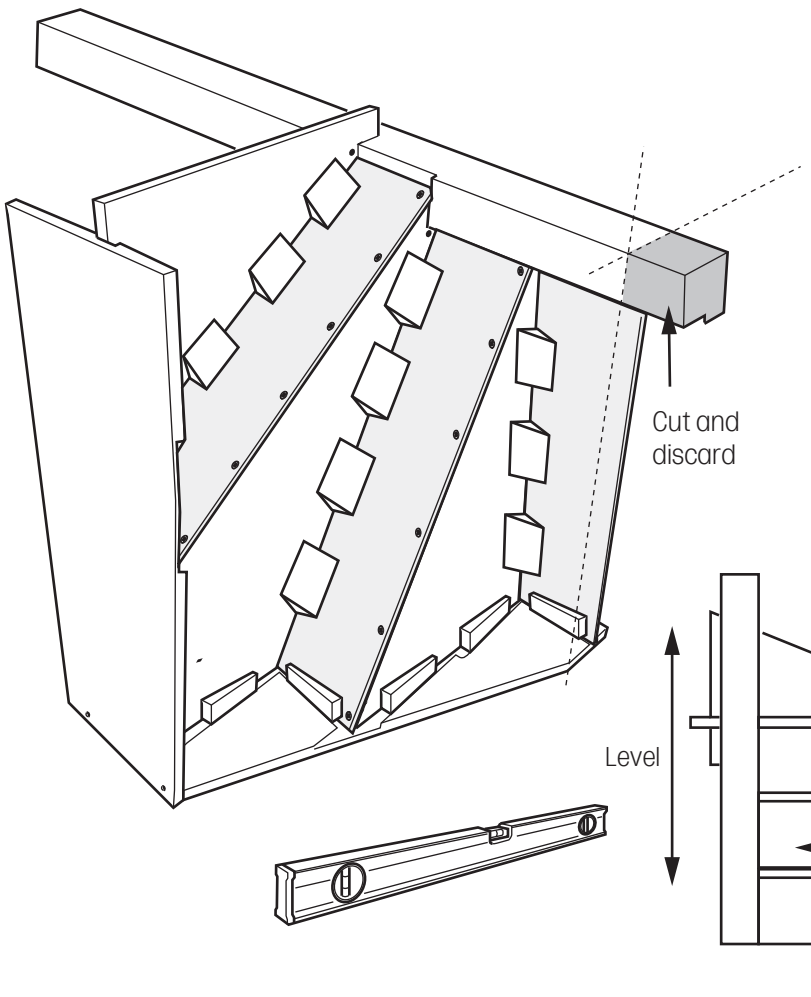


Winder box used in a bottom position
(Post will require cutting at the bottom in this application)

Installation tips

IMPORTANT
The winder box and staircase must be fixed to the wall securely using suitable wall fixings.
The winder box must be supported during installation, especially when installing in a middle or top application.
When installing, ensure the winder box remains level and square throughout the installation process and before final fixing.
Any gaps between the winder box and the wall should be packed out.

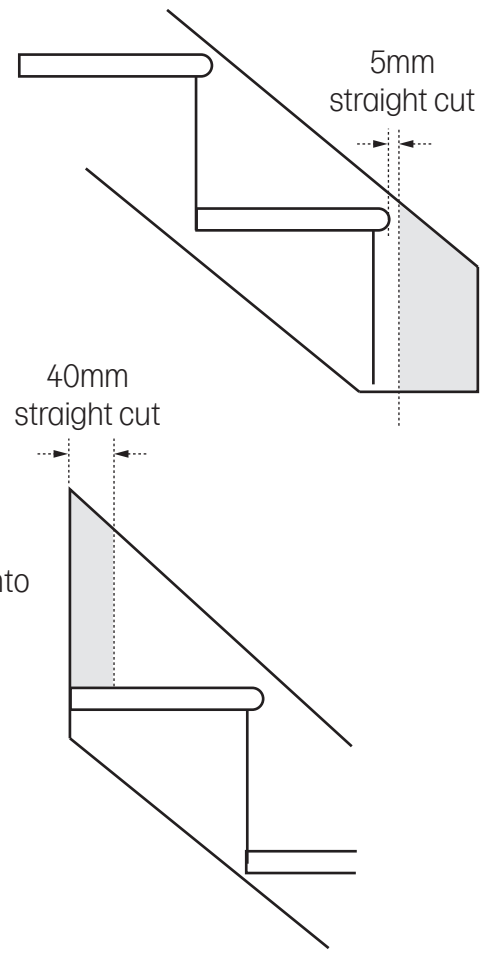
Bottom winderbox application only
Cut the post at the base, aligning it with the bottom of the riser.



Preparing the stair flight strings to be joined to winder box
When joining a winder box into a stair flight, the stair flight will need to be cut at the top or bottom (or both), depending on the position of the adjoining winder box.

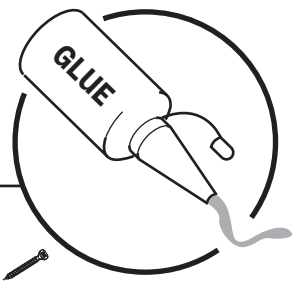
When joining the straight flight into the top of a winder box
Straight cut stair flight at the bottom by 5mm from the front of the bullnose.

When joining the straight flight into the bottom of a winder box
Straight cut stair flight at the top by 40mm.

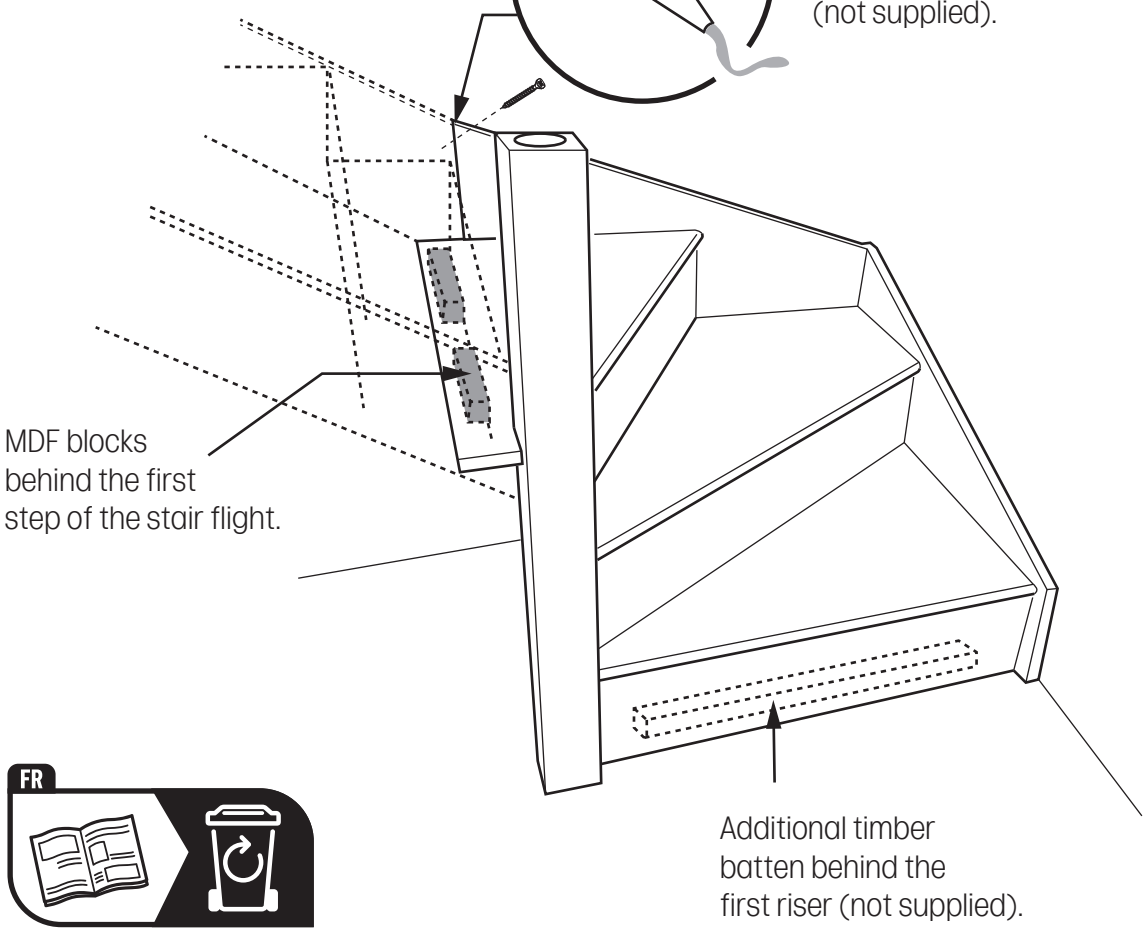
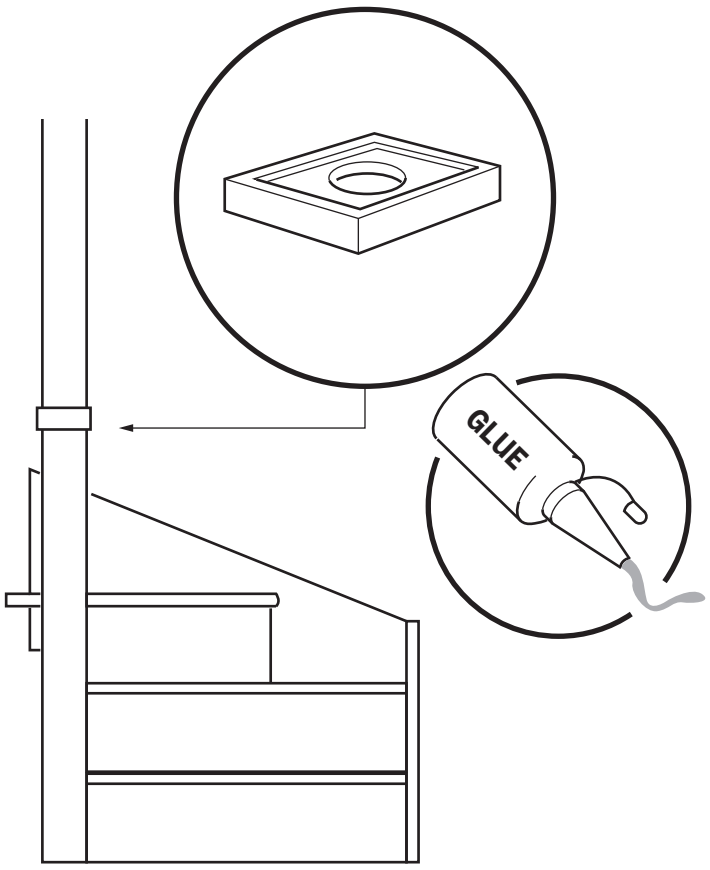


Note: Do not cut into the stair tread

Connecting straight stair flight to the winder box & use of MDF blocks (supplied)
Align and support the stair flight when fixing to the winderbox.
MDF blocks should be used when connecting the stair flight to the winderbox.
These blocks (supplied), should be positioned behind the bottom step riser.
See application example below.



Use glue along the join of the stair flight and the winder box and secure using screws (not supplied).



Newel peg post & collar fixing
Secure the newel peg post into the winder post below, gluing the collar connector between the two to finish off the joint.