

Tools/fixings required for the battens (NOT SUPPLIED)

- Screws/raw plugs - For fixing the battens.
- 4mm drill bit – Pilot holes
- Drill – For drilling fixing holes in the battens
- Tape measure – To measure the length of battens
- Square - To mark a square line across the battens
- Saw - To cut battens to length
- 6mm Masonry drill bit/raw plugs - To drill holes into brickwork if fixing sideways
- Hammer - Knocking the battens into place/raw plugs
- Decorators Caulk - for a neat finish around the battens

Recommended batten screws (NOT SUPPLIED)

- 60mm screws - For fixing the small battens
- 70mm screws - For fixing the medium battens
- 80mm screws - For fixing the large battens
- Cover caps - To cover fixing holes in the battens when side fixing



The battens are supplied in a separate box from the DIY shutters and outer frame, and are not labelled individually. The battens are supplied as an '**extra**', so don't confuse them with the shutter frame which the shutters fit into.

The instructions are split into the following sections:

- **Square/rectangular windows**
- **Shaped windows**
- **Bays windows**
- **French doors**
- **Tips and advice**

Square/rectangular windows

The instructions below relate to fitting the small (40mm) batten, however, fitting will be the same if you have selected the medium or large battens.

Fitting the battens

1. Measure and cut a batten to length for the bottom of the window. The widest section of the batten (40mm) should be against the window sill and the smallest section (25mm wide) against the window frame.
2. Measure and cut the batten to length for the top of the window in the same fashion as above.
3. Place the top batten on top of the bottom batten (or an off cut if it is too long) in the recess and then measure the height of the side battens by measuring down from the top of the reveal, to the top of the two battens. This will ensure the side battens fit inside the top and bottom battens and will help support the top batten when fitted.
4. When fixing into window frame, drill 4mm pilot holes through the 25mm wide section at an angle away from the glass, approximately at the top middle and bottom, depending on the length of the batten for fixing. The angled hole ensures the screws will not hit the glass and stops the chuck of the drill marking the wall. Screw the battens directly to the window frame.

When fitting the battens sideways, drill the pilot holes in the 40mm wide section of the batten. Place the battens in a level position, put the screws in the holes and tap them with a hammer to mark the wall. Remove the battens and drill 6mm holes into the wall with a masonry drill bit/hammer drill. Insert 6mm raw plugs, re-position the battens and screw into place. (Screws are not provided for the battens.)

For the DIY shutters to wrap around the wall, the battens should be 46mm back from the front of the recess for the Standard shutters and 50mm back for the Elite or hardwood shutters. (The thickness of the shutter frames.)

5. Use some decorators caulk/flexible filler in a tube and run a bead around the outside of the batten where it touches the wall. This will stop any light coming through the battens and finishes it off to give a nicer appearance. If you have fitted your battens sideways, use some cover caps or filler to hide the screw heads. The frame covers the screw holes when you fit the battens forward to the window.

6. You are now ready to fit the shutter frame to the sub-frame you have made with the battens.

Shaped windows – Curved/angled battens

The battens will have been made slightly smaller than the recess size allowing them to fit snugly into the recess, they may need to be packed out a little when fixing. Depending on the style of shape you have, the battens may arrive in one piece or in sections. Follow the standard instructions for fitting either sideways or forwards into the window frame. You may need to plane the battens to ensure they fit inside the recess. Triangular windows may require the ends of the battens to be cut at an angle for a neater finish as they can arrive over length.

Bay windows - Angled or corner battens

The angled corner battens are supplied the same length as the height of your shutter frame and are designed to be screwed onto the side frame of the shutters to help connect them together where the two frames meet. Screws are not provided and pilot holes will need to be drilled to aid fitting. On angled bays the triangular batten can be moved in or out to adjust the angle required or may need to be planed smaller if required. On UPVC windows you will still need fit the battens first to space the DIY shutters away from the handles.

French doors – Spacer battens

Used mainly for French doors when two frames are fitted together. Screws are not provided and pilot holes are not predrilled, the correct size batten will be customised at the time of ordering/measuring. Fit the spacer battens to the side frames first, and then screw them to the main centre frame. Depending on your chosen design, the spacer battens may be shallower in depth than the side frames to create a shadow gap.

You can also download **Sam's tips** on fitting battens