

Complete with
preglazed
windows!



 **EasyFit**
conservatories

EasyFit Conservatories

Installation Guide

Introduction

Congratulations on your new EasyFit Conservatory!
In this handy guide you will find all the instructions you'll need to install your conservatory.

In just 5 easy steps, you can have a beautiful, functional conservatory to enjoy!



When installing your conservatory, please be sure to follow all Health and Safety guidelines, and use PPE as appropriate. We advise that you wear:



Non-slip gloves when handling aluminium



















Safety goggles when drilling



A hard hat when working at height, or when elements of the conservatory are above shoulder height

We also recommend that there are at least two people helping with the installation, as there are a few elements that will require more than one person to lift safely.

Tools you will need

- | | | | | | |
|----------------------------|--------------------------|---|----------------------------|--------------------------|---|
| • Extension Cable | <input type="checkbox"/> |  | • Tape Measure | <input type="checkbox"/> |  |
| • Cordless Drill Driver | <input type="checkbox"/> |  | • Snips | <input type="checkbox"/> |  |
| • Electric Drill | <input type="checkbox"/> |  | • 13mm Spanner or Socket | <input type="checkbox"/> |  |
| • 6.5mm Masonary Drill Bit | <input type="checkbox"/> |  | • 5mm Allen Key | <input type="checkbox"/> |  |
| • 4mm Metal Drill Bit | <input type="checkbox"/> |  | • T-30 Torx Drive | <input type="checkbox"/> |  |
| • G-clamps | <input type="checkbox"/> |  | • Sillicone Gun | <input type="checkbox"/> |  |
| • Hack Saw | <input type="checkbox"/> |  | • Plastic or Rubber Mallet | <input type="checkbox"/> |  |
| • Large Screwdriver | <input type="checkbox"/> |  | • Spirit Level | <input type="checkbox"/> |  |

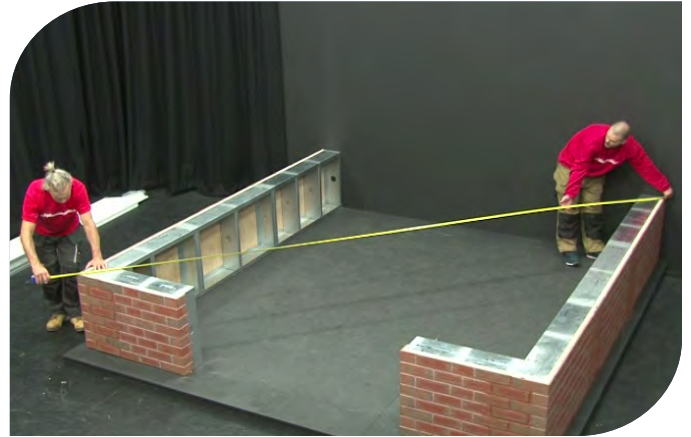
You will also need a suitable ladder and step-ladder.



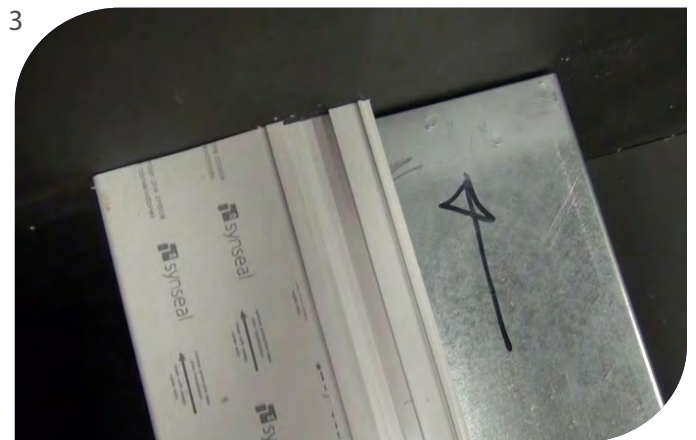
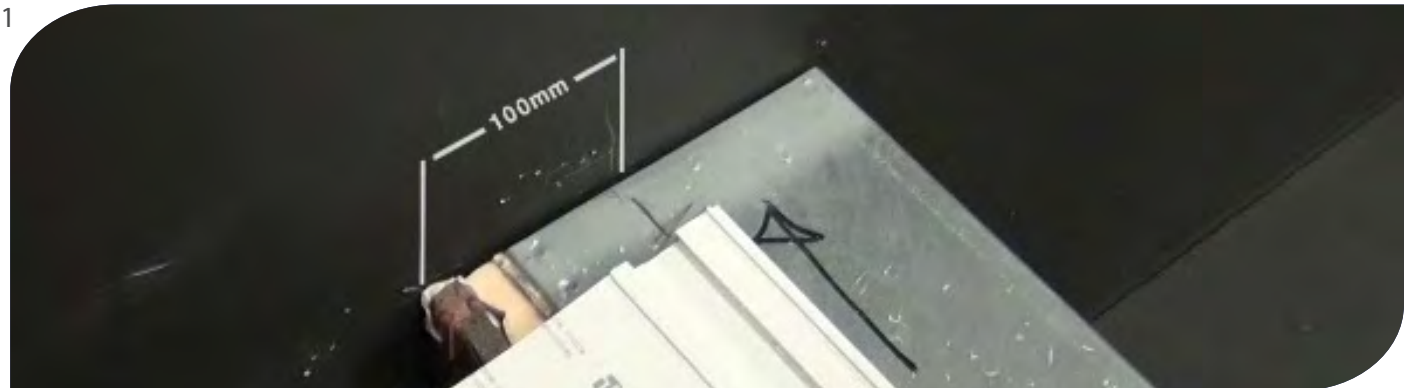
Please note your EasyFit conservatory roof comes with all the required fixings shown in this guide.

Step One:

Preparation & Fitting the Sill

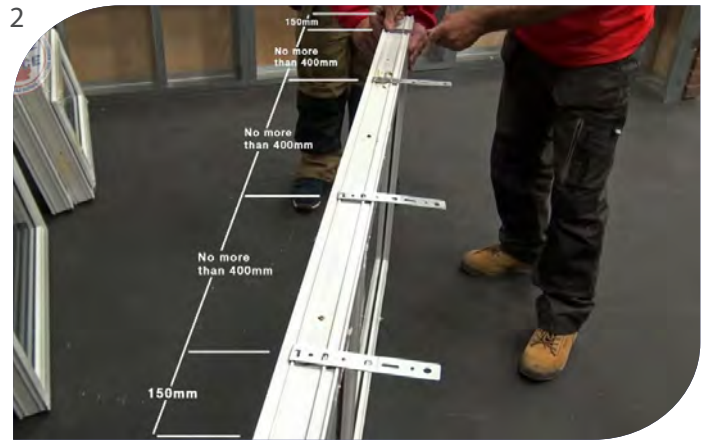


Visually check that all the components are present against the delivery note provided. Measure the dwarf wall or base to ensure it is the correct size. Measure the width front and rear, the projection and the diagonals to confirm the base is square. Please note the diagonal measurements should be identical. Also measure any door openings, wall returns and the height of the dwarf wall.



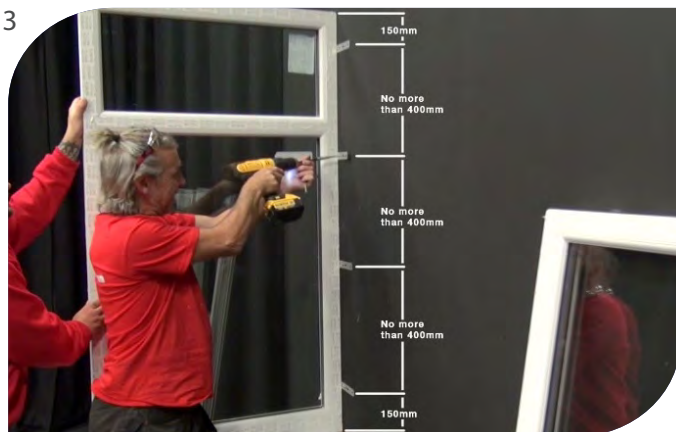
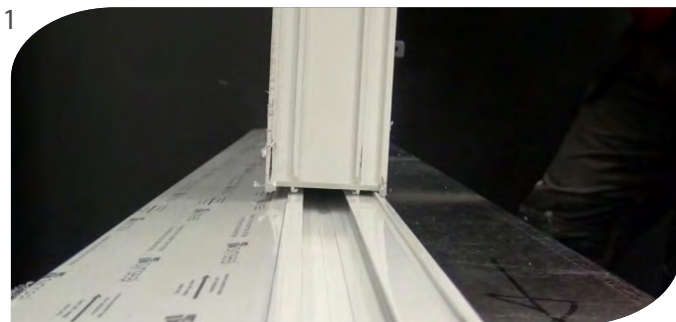
To fit the sill, measure 100mm from the front face of the brickwork (1) and mark a vertical plumb line (2). This will give you the position for the side windows. Place the back of the first length of sill to the pencil line (3). Please note the sill is not fixed in place.

Step Two: Fitting the Frames



EasyFit sill connector

EasyFit windows are fitted in order. Starting with window one, twist fit the fitting cleats on the side that will be fitted against the house wall (1). These should point inside the conservatory. Start with cleats 150mm from the window ends, and at intervals of no more than 400mm apart (2). If fitted remove the plastic transport blocks at the bottom of the window frames prior to fitting (3). Remember to leave the EasyFit cill connectors in place (4)!

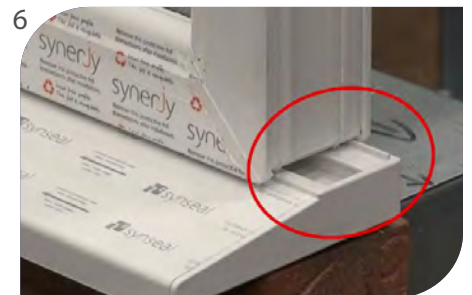


Lift the window onto the sill near its final position. Gently rock the window back and forth until the EasyFit sill connector clicks into place in the sill channel (1). You can now slide the window into its final position against the house wall (2). Drill pilot holes through the fixing cleats into the house wall and fit back to the house wall with the supplied masonry fixings (3). Repeat for the other fixing cleats. If the back wall is not being plastered, the fixings cleats can be snapped off as shown, and cloaked over later using a suitable plastic trim (4).

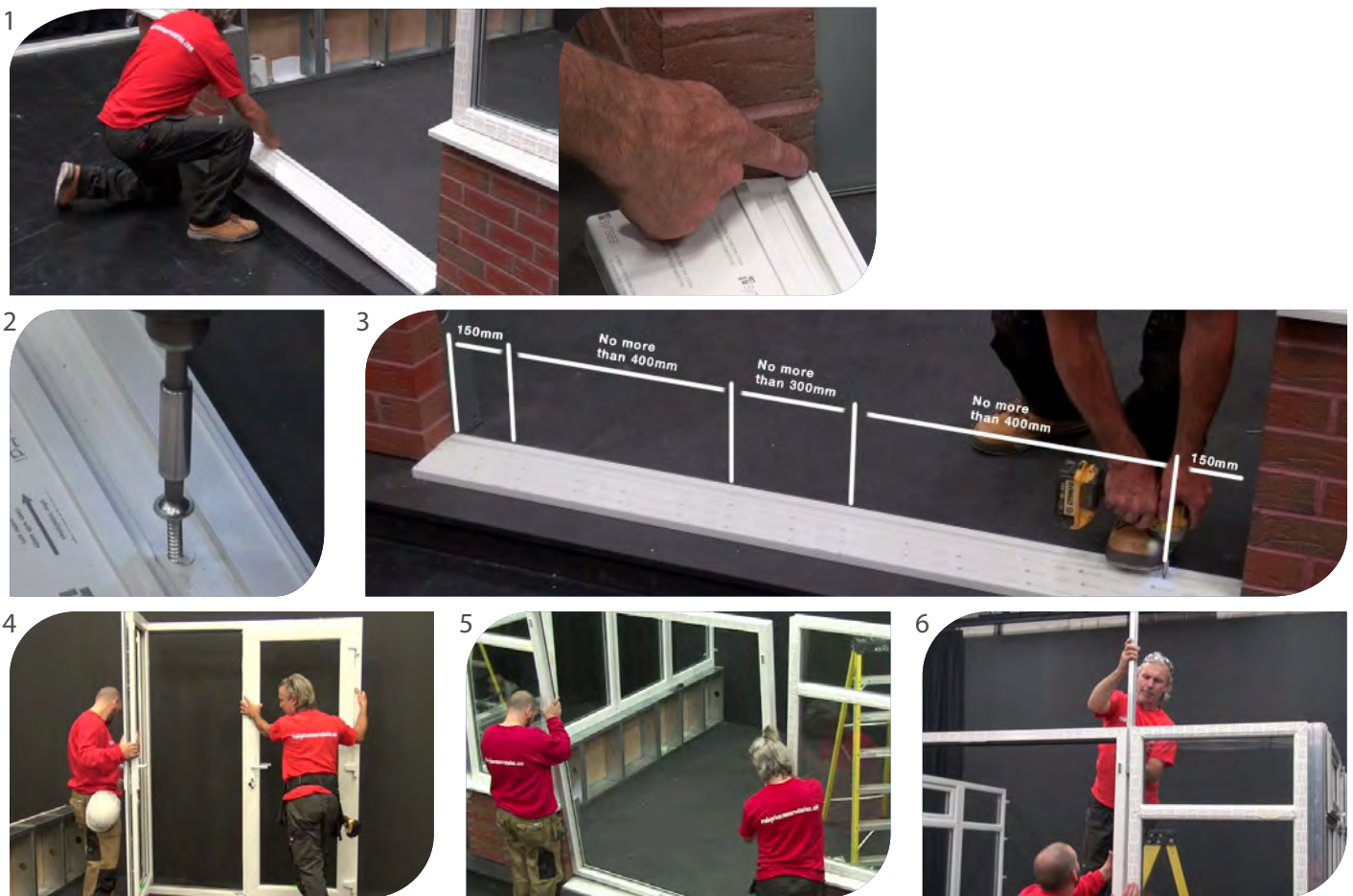
Fitting the Frames



Offer the second frame into position and rock into place as per the first window. Slide the second window up to the first frame until there is roughly a 20mm gap between the two frames. Slide the aluminium inline connector between the two frames, tapping it level using a plastic mallet. Repeat for the other frames along the side wall.



Slide the sill corner joint into place (1). Offer up the return sill and slide into place to create the sill corner (2). Clip the return window into the sill and slide until the two windows touch at the corner (3). Slide the aluminium corner post into place (4), tapping it level with a plastic mallet as before until it meets the sill (5). Please note the return windows will not meet the end of the sill as room is left for the inline connector that secures the doors in position (6). Repeat for the windows on the opposite side of your EasyFit conservatory.



Place the door sill in line with the window sill as shown, 100mm back from the front face of the brickwork (1). Drill 6.5mm pilot holes and fix in place using the supplied masonry fixings (2). Secure 150mm from each end of the sill and at intervals no more than 400mm (3).

If door sashes are supplied in their frame, remove them from the door frame by simply opening the doors and sliding upwards (4).

Clip the door frame into place using the same method as the windows, rocking back and forth until the EasyFit sill connector engages (5). Fit the inline connectors from above as before (6).



Drill 6.5mm pilot holes through the door frame and into the dwarf wall (1), fixing into place with the supplied masonry fixings (2). Use two fixings on each side, spaced as shown (3). Repeat on the other side.

Step Three:

Fitting the Roof, Gutter & Trims

Eaves Beam



The first job is to fit the eaves beam. This goes along the top of the window frames on the sides of the conservatory. Lay the eaves beam on the sill and mark 150mm from the eaves beam ends, and 150mm either side of where the windows meet. Using the marks, drill 4mm pilot holes through the eaves beam; this is where you will fix the eaves beam down to the window frames.

Repeat on the other sides of the conservatory.



Using one of the supplied window handles open any window sashes to enable you to clamp the eaves beam in place. Carefully place the eaves beam, making sure the back leg sits against the window frames on the inside of the conservatory.

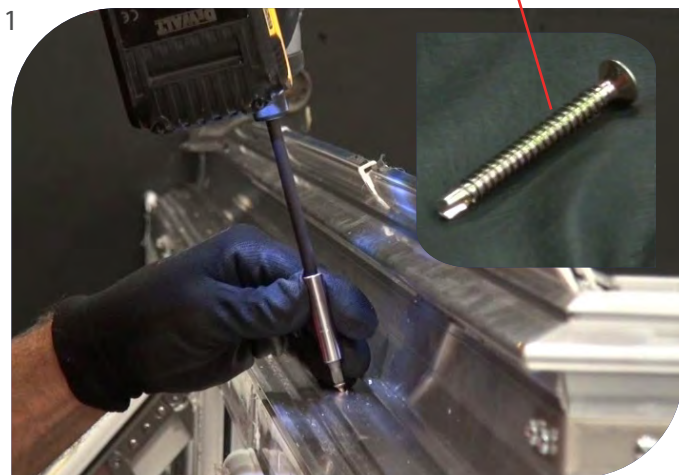
Clamp the eaves beams in position through the open sashes, making sure they meet at the corners.

Fitting the Roof, Gutter and Trims



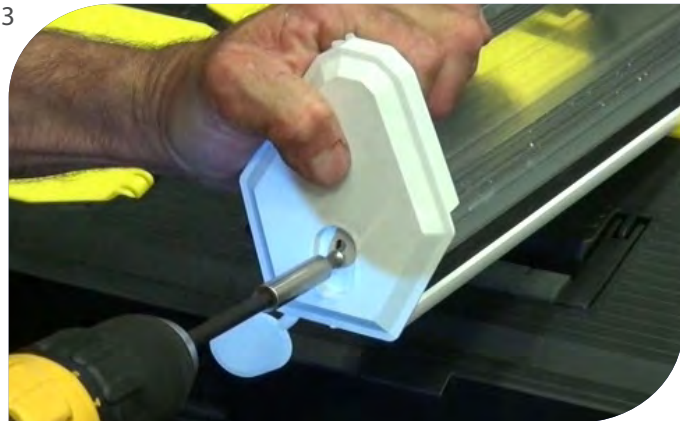
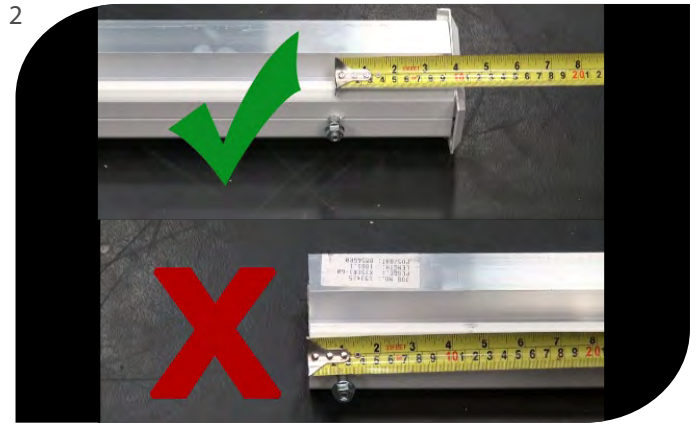
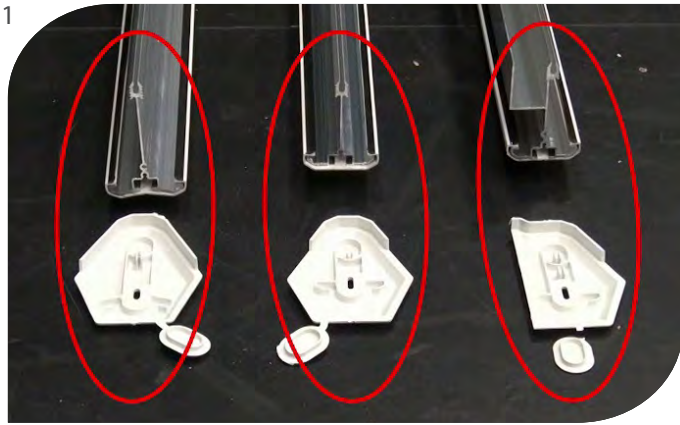
When sited correctly, use the eaves beam external connector to screw the eaves beams together, using the supplied screws.
Then secure using the internal fixing connector as shown, using the supplied screws as before.
Repeat on the opposite corner.

35mm self-driving screw



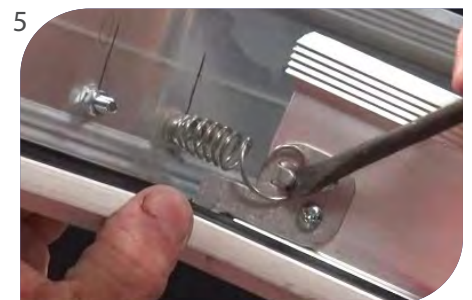
Using your pre-drilled holes, fix the eaves beam in place using the supplied 35mm self-driving screws (1).
Insert the rafter support keys into the ends of the PVC support sections, located at the top of the eaves beam (2).
These can be slid along their track as needed to fit the rafter bars (3).
The supplied roof diagram will show you which numbered rafter bar fits each position on the roof (4).

Fitting the Roof, Gutter and Trims



Next fit the rafter bar end caps in place. Please note that the different types of rafter bar have different end caps (1). Make sure you fit the end caps to the right end of the bars, the fixing bolt should be roughly 100mm from the end that needs the rafter end cap (2). Push fit the caps, and fix with the supplied screws (3). Then, using snips, trim off the screw cap cover.

Finally cover the screw with either the covers you have just trimmed off, or the alternatives supplied (4).

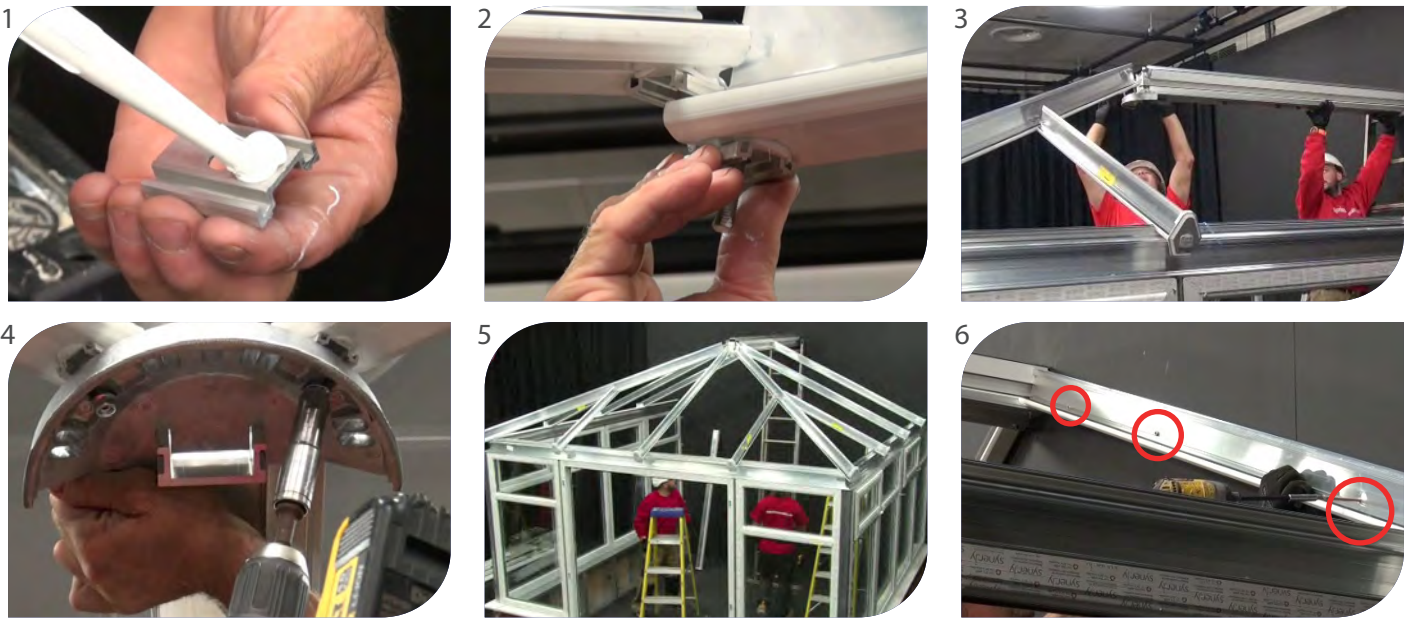


Next, fit the hip rafters. Offer the hip rafter into position (1), and locate in place using the fixing bolt (2). Fix in place by tightening the nut (3).

Then fit the jack rafters in place (4). These will support the hip rafters. Using a large screwdriver, carefully ease the locating spring on the hip rafter onto the clip on the side of the jack rafter (5).

Then repeat on the other side.

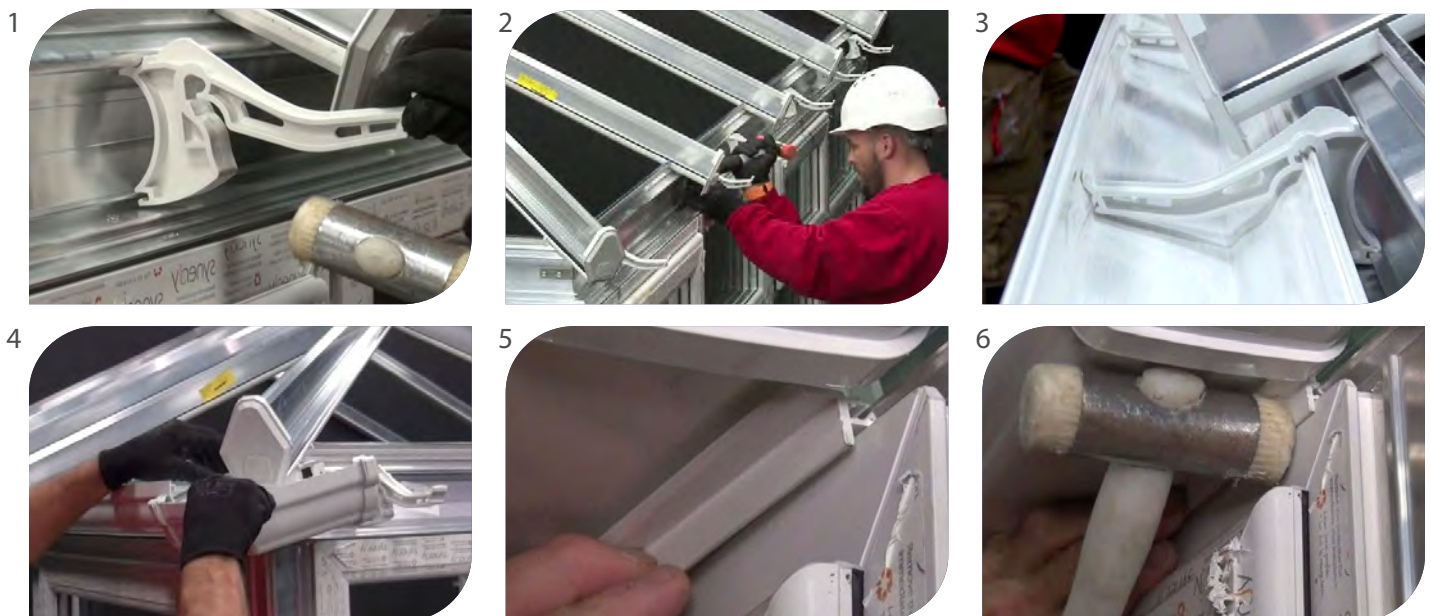
Fitting the Roof, Gutter and Trims



It's now time to fit the ridge. At this stage of fitting, the ridge will need supporting at the house wall end. We suggest using a ladder as an extra pair of helping hands! Silicone the hip rafter supports (1) to the hip rafters (2), then carefully offer the ridge into position (3).

Locate the bolts for the hip rafters and make sure they are nice and tight using a 13mm spanner or socket (4). Now install the other rafter bars using the same method.

When all the rafter supports are in position (5), check the ridge is level and make any necessary adjustments before fixing the wall rafters in place to the wall using the supplied masonry fixings. Place the first fixing roughly 150mm from the top of the wall rafter, one in the middle and one roughly 150mm from the eaves beam (6).



Tap the gutter brackets (1) in place on the eaves beam on all 3 sides of the conservatory, locating the gutter brackets at equal distances along each side (2). Hinge the gutter in place, so that the gutter brackets are concealed within the gutter (3). Fit the corners as required (4).

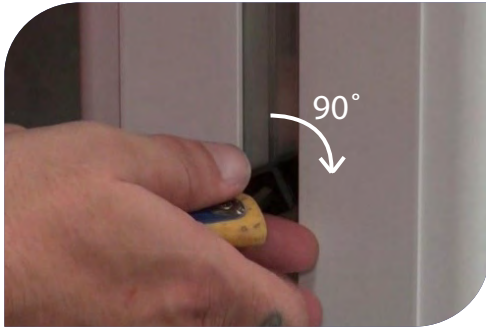
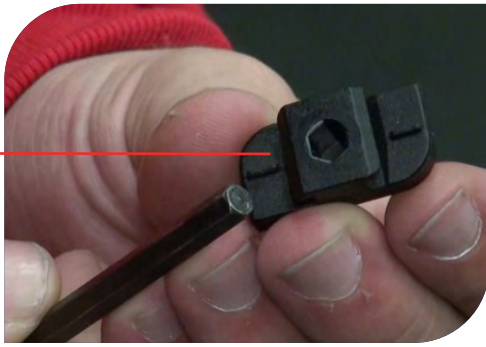
Remove the protective tape from the top of the window frames, and fit the frame gutter clad (5).

Tap this into place at the top of the windows, to cloak under the gutter (6).

Remove the rest of the protective window tape.

Fitting the Roof, Gutter and Trims

EasyFit button



Using a 5mm Allen key and EasyFit button you will now fit the covers between the windows. Twist the EasyFit buttons 90° into place on each inline window connector. You should hear them click into place. Fit 4 per window, 150mm from the top and bottom, and at intervals of no more than 400mm. Repeat on the inside of the window frames.



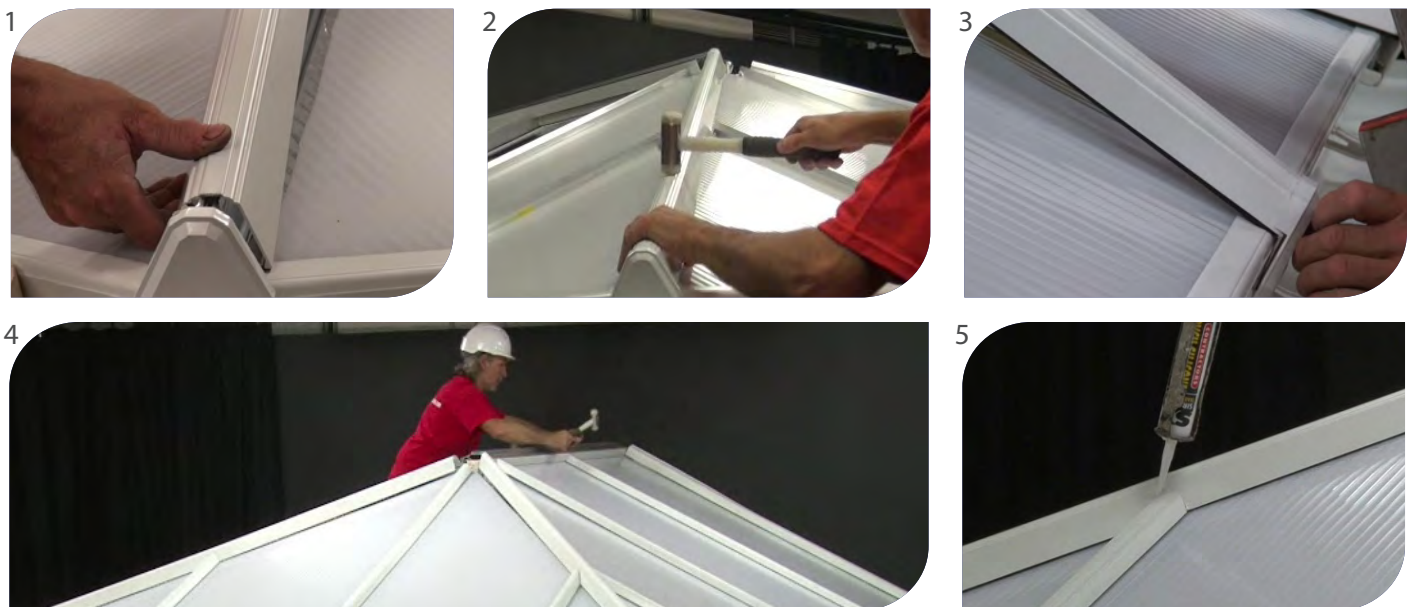
Now on the outside only, gently tap the inline jointing trim in to place in between the window frames (1). Fit the corner post cladding, which clips into place (2). Tap the corner post cladding with a rubber or plastic mallet to secure it (3). Remove the protective tape, and fit the corner gutter trim (4), pressing into place beneath the corner gutter (5). Next, peel back the protective film a little way from the adhesive tape on the PVC-U glazing support trim, located at the top of the eaves beam. Leave this tucked behind the eaves trim (6).

Fitting the Roof, Gutter and Trims



Fit the polycarb end trims. These simply slide into place (1). Remember to make sure the breather holes are on the underside (2). Check the roof plan for each polycarb location.

Peel off the protective film, then locate at the ridge end (3) and push into place (4). Repeat for the other panels, but leave the middle panel open for access (5).

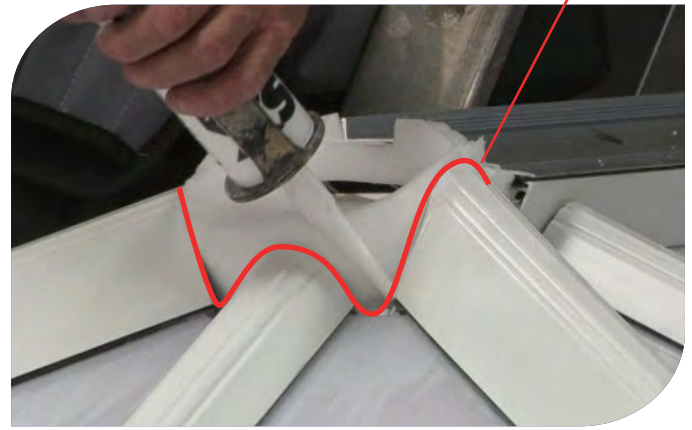


Fit the hip top cap in place (1) and tap into position with a rubber mallet (2). Slide the numbered top caps into position, so they are a snug fit to the rafter end caps (3). Repeat on all the rafters apart from those to either side of the panel left open for access.

Using the access panel, tap the top of the rafter cappings in place (4). Apply a neat silicone seal round the jack rafters where they meet the hip rafters (5).

Fitting the Roof, Gutter and Trims

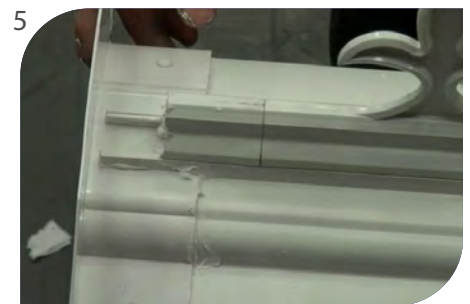
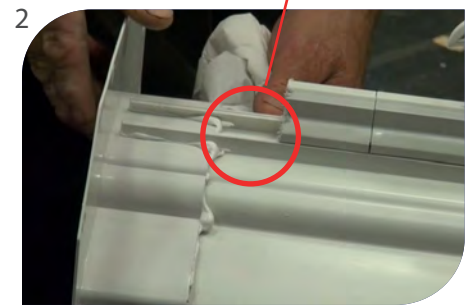
Needs to be applied here



Now it's time to fit the ridge end foam bungs. These push into place around the ridge end. Generously seal around all the joints at the ridge end, using silicone sealant.



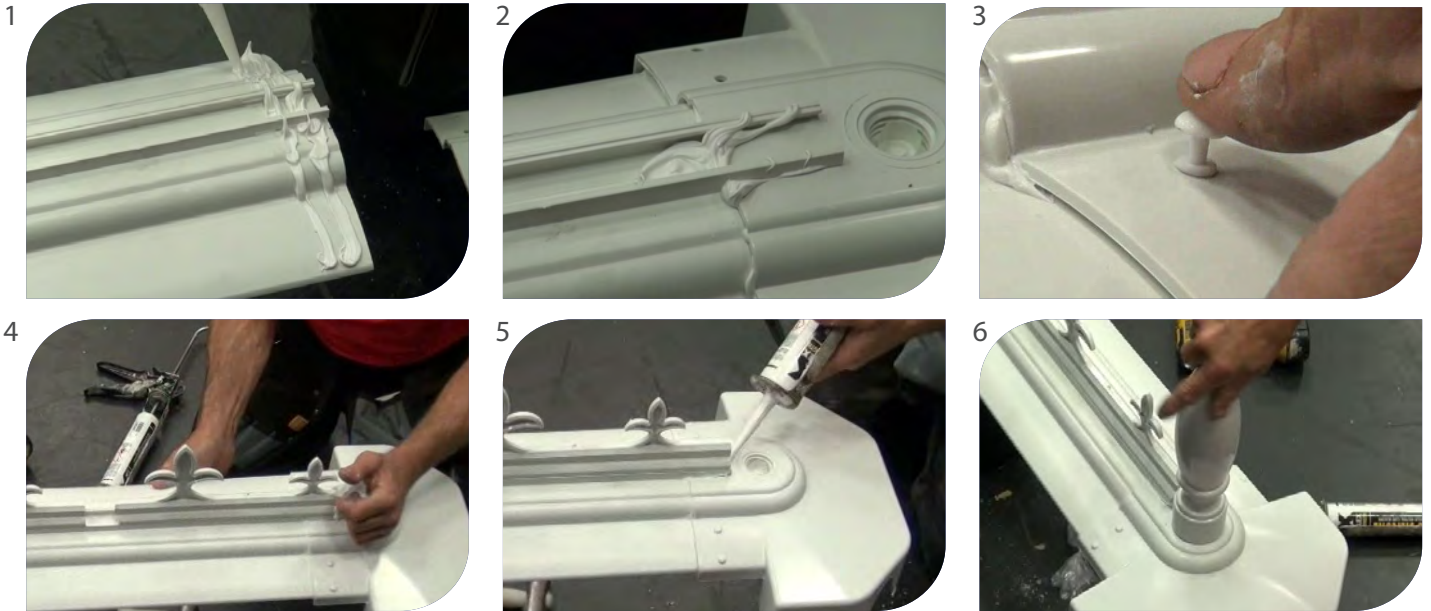
Remember to put silicone here too!



Silicone the wall end of the ridge cover (1) and slide the ridge flashing trim in place. Apply more silicone to the channel to ensure a perfect seal (2).

Now drill pilot holes through the ridge flashing trim (3) and ridge cover and secure using the supplied plastic rivets (4). Slide the ridge cresting into place (5) and wipe off any excess silicone. Trim off excess plastic to the underside of the ridge top cap (6, before) (7, after).

Fitting the Roof, Gutter and Trims



Now silicone the finial end of the ridge cover (1) and slide fit the ridge top cap, before siliconing the joint (2). Drill and fit the plastic rivets to secure the ridge top cap, in the same way as for the wall end of the ridge cover (3). Wipe off excess silicone as before. Slide the final section of cresting in place (4), and silicone the end of the joint (5). Finally screw the finial in place (6).



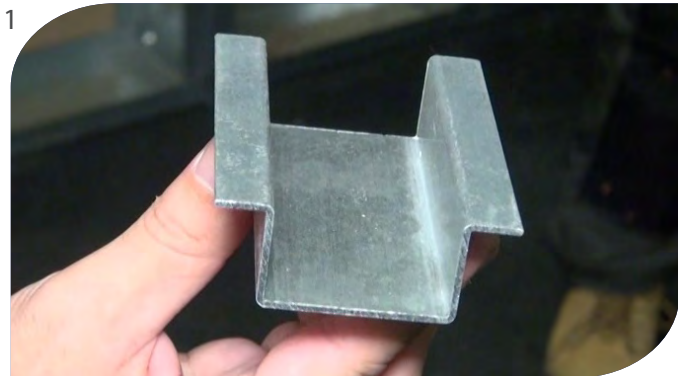
To fit the ridge cover, locate along the aluminium ridge at the house wall end (1). Tap to fix in to place using a plastic or rubber mallet (2). Silicone seal the rafter joints as they meet the ridge top cap (3). Now fit the last polycarb panel in place (4). Fit the remaining two rafter top caps - gently bow them in to position (5).



Now, from inside the conservatory remove the protective film from the adhesive tape that you peeled back earlier. From outside the conservatory firmly press down on each polycarb panel to ensure a seal against the glazing support trim.

Step Four:

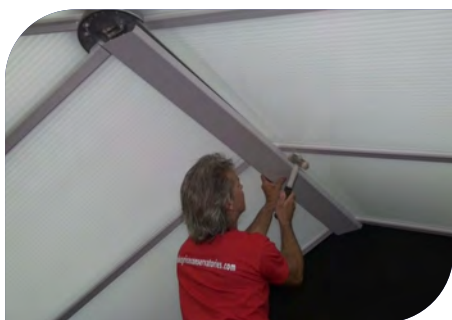
Fitting the Inner Trims



The ridge channels enable you to run electric cables or hang a light fitting from the ridge (1).

These simply tap in place (2).

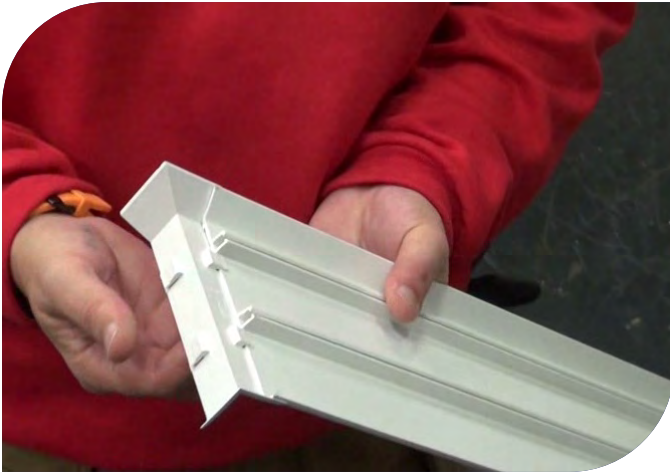
Place two channels together where you want to put a light fitting (3). When positioned, screw them in place, using the supplied screws (4).



Fit the ridge capping by simply tapping into place. We suggest fitting this component after installing all the necessary wiring.

Alternatively make a note of where the support channels are before fitting the capping.

Now push fit the radius end bottom cap in place. Ensure you use the correct fixing lugs, which will vary by roof type.



The eaves clad corner joints insert as shown, ready for you to clad the eaves beam. This simply taps into place.



Screw cover caps just push fit into gaps

Slide the next sections in to place, to complete the eaves beam cladding (1).

Fit the inline jointing trims to the inside of the conservatory, trimming as required (2).

The window handles can now be fitted.

With the sash in the unlocked position, simply screw the handles in place (3) and fit the screw cover caps (4).

Step Five:

Fitting the Doors & Sealing the Conservatory



The door sashes simply slide down in to place (1). Locate all the hinges in line and lower into position (2). There should be no need to adjust the doors, but if required the EasyFit system door hinge has a wide range of adjustment in 3 directions, ensuring perfectly operating doors (3). Simply use an Allen key to adjust (4).



Remove the tape from the doors.
Finally silicone down the door frame, under the sill and down the side of the window frames as they meet the house walls.



Now stand back and enjoy the EasyFit conservatory that you've just built!

For further or site specific instructions on installing the roof part of your conservatory, please refer to the separate roof installation guide if required.



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