STUDIO BUILD



Installation Guide

Issue 1

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Studio Build Installation Guide

Before installing your garden room, carefully check that you have all component parts to complete your build.

Contents
Waterproof membrane
Feet for base
Floor panel joiners
Floor panel perimeters
Floor panels
150mm cill and track
External floor trims
Wall panels
Windows
French doors
Door handle
Restrictors
Corner posts
Corner post covers
Couplers
Lintels
Interior coupler trims (white)
Exterior coupler trims (anthracite grey)
Steel roof trim
100mm screws (box)
45mm screws (box)
40mm roof screws with grey cover cap
Roof foam tape (8m roll)
Roof foam ridge filler
Roof premseal BR
Roof stitcher screw anthracite grey (box)
Roof external corner trims

Tools you will need:

Spirit level
Tape measure
Lubricant
Cordless screwdriver
Sealant gun
Ladders
Mallet

IMPORTANT STEPS:

It is essential to ensure that the ground base is solid (hardcore or concrete) and level before installing the garden room.

1. Installing the floor

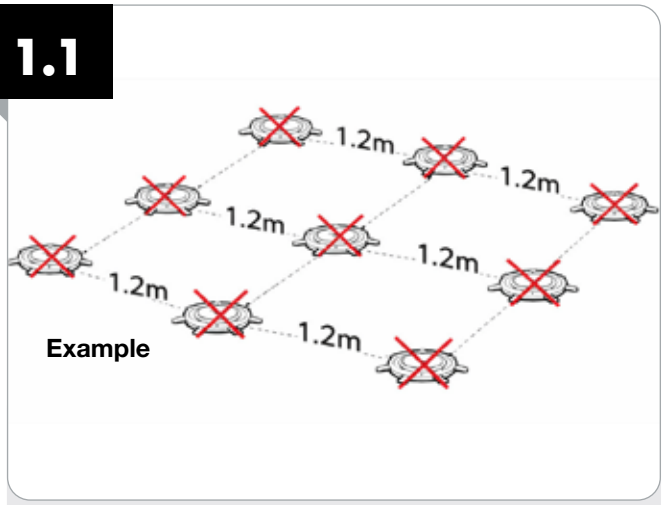
Before you start, ensure the area is clear of any debris

1.0



Lay the waterproof membrane over the build area.

1.1



Place the adjustable feet onto the membrane equally positioned as per your building size.

Ensure the overlap around the edge of the membrane is equal.

1.2



Using a spirit level ensure all of the adjustable feet are perfectly level with one another. Use the additional packers if required to achieve this.



NOTE: Adjust the packers by turning the tab clockwise or anti-clockwise.

1.3



Carefully place the SIP floor panels onto the adjustable feet.

1.4



Insert the double timbers as joiners between the panels.

Double check with a spirit level that the panels have remained level.

1.5



Secure the base panels together with screws from above where each panel meets the next.

1.6



Fit the next base panel onto the exposed edge of the joining timber and screw together to secure in place.

Repeat the process if installing a 3600 x 2400 Studio Build.

1.7



Insert the timbers around the edges of the floor panels. Ensure they fit flush to the edge of the floor panels and screw in place to secure.

Fit front and back timbers first.

1.8



Check the base is still level and adjust if necessary.

1.9



Wrap the waterproof membrane over the edges of the base and secure in place (this can be trimmed back later).

NOTE: Ensure the staples are close enough to the edge that they will be covered by the cill.

NOTE: Please ensure that the DPM is cut 250mm extra around the perimeter; this makes it easier to wrap over the DPM in the corners.

1.10



Remove the protective tape from the base trim fascia boards.

1.11



Fit the fascia trims around the base, trims should be flush with the top of the base and secured in place using Anthracite Grey fascia pins.

1.12









Fit corner trims around the base. Apply glue to one side of the corner trim only.

Spray a small amount of activator to the fascia trim where the glue will make contact and fit the trim flush to the top of the fascia boards.

2. Installing the Cill Sections

2.0



Place the front cill on the base, there should be an 85mm overhang from the base and an equal gap either side.

2.1



Once the front cill is correctly positioned, secure it with a screw in the centre.

2.2



Starting on the left, position the left cill and place the corner trim in position. Push the left cill into place to trap the corner trim in position.

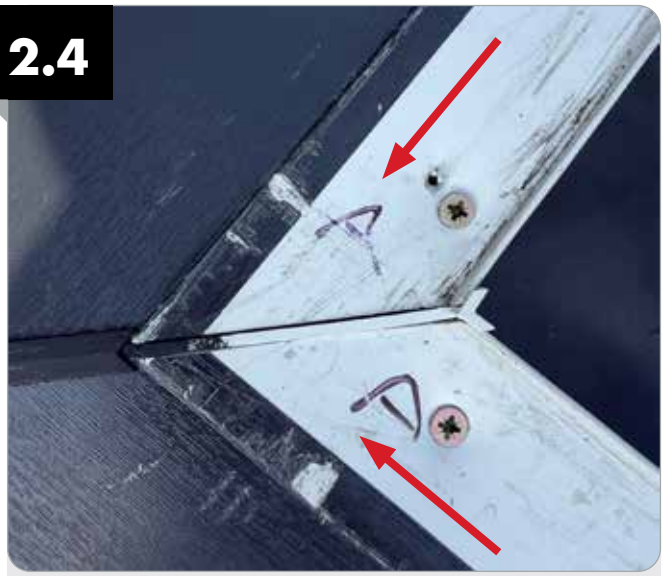
NOTE: the cill will need to be supported at the opposite end while the corner trim is being correctly positioned.

2.3



Once the corner trim is in place, secure the left cill with a screw in the centre.

2.4



Secure both corners.

2.5



Repeat steps 2.2 to 2.4 clockwise until all cills and corner covers are in place.

2.6



Measure diagonally from corner to corner in both directions, both measurements should be the same each side. If adjustments are needed repeat steps 2.2 to 2.5 until the cills are square.

2.7



Trim away any excess waterproof membrane and discard.

3. Installing the Wall Sections

3.0



With assistance, align the first back left panel with the cill runner and slide into position. The edge of the panel should line up with the inside edge of the side trim.



3.1







Fix the brace to the base and panel for support.

3.2



With assistance, align the first left side panel with the cill runner and slide into position against the back panel.

3.3



Position the corner post level with the top of the panels and knock into position, ensuring the two nibs locate inside the frame.

3.4



Fix the corner post using 4 self-tapping screws on each side - one at the top, one at the bottom and two evenly spaced in the middle.



NOTE: you may find it helpful to use a clamp to hold the corner post in position against the panel while the screws are installed.

Screws must not exceed 40mm in length.

3.5



Remove the support brace. With assistance, align the next back panel with the cill runner and slide into position against the first panel.

3.6



Place the guide joining coupler between the two panels and slide down to the bottom. Insert the chamfered edge first.

3.7



Apply a bead of silicone along the top of the guide joining coupler.

3.8



Position the full joining coupler between the panels and slide it down until it meets the guide joining coupler.

IMPORTANT – Ensure both couplers stay correctly located inside the profile frame. Spray lubricant may help the couplers slide more easily into the channels. Knocking the bottom corner of the panel further along the cill runner may help if the joining coupler is tight.

3.9



If building the 3600 x 2400 Studio Build, repeat steps 3.5 to 3.8.

3.10



With assistance, align the back right panel with the cill runner and slide into place against the back panel.

3.11



Install the corner post repeating steps 3.3 to 3.4.

3.12



With assistance, align the front left side panel with the cill runner and slide into position against the back side panel.

3.13







If building the 3600 x 2400 Studio Build, repeat steps 3.6 to 3.8.

3.14



With assistance, line up the front right-side panel with the cill runner and slide into position against back right-side panel.

3.15







Install the joining couplers by repeating steps 3.6 to 3.8.

3.16



With assistance, align the front left glazed panel with the cill runner and slide along until the frame edge lines up with the back edge of the wall panel.

3.17



Install the corner post repeating steps 3.3 to 3.4.



NOTE: When fitting the front corner posts, ensure the screws do not exceed 40mm in length, using a screw that is too long for the profile will break the glazing unit.

3.18



From the right edge of the cill, align the door frame with the cill runner and slide along until it meets the glazed panel.

3.19







Install the joining couplers by repeating steps 3.6 to 3.8.

3.20



With assistance, align the remaining glazed panel with the cill runner and slide into position until it meets the door frame.

3.21



Install the joining couplers by repeating steps 3.6 to 3.8.

3.22



Install the corner post repeating steps 3.3 to 3.4.



NOTE: When fitting the front corner posts, ensure the screws are not too long, using a screw that is too long for the profile will break the glazing unit.

4. Installing the Roof Sections

4.0



Apply a strip of foam tape to the top of both lintels and side wedges.

NOTE: do not remove the tape cover from the foam, peel back a small section to hang inside the garden room to allow removal once the roof is fitted.

4.1



Fit the back lintel. Ensure the lintel is positioned evenly with even overhang on both sides. There should be a slight gap either side on the interior between the walls and the internal fascia.

4.2



Secure the back lintel in place with a 75mm screw at either end.

4.3









Fit the left and right wedge pieces, with the tallest end facing the front of the garden room. Ensure each piece sits flush with the rear lintel.

NOTE: If the interior fascias do not line up with the rear internal fascia, use a packer to adjust.

4.4





Fit the front lintel and secure in place with a 75mm screw at either end.

4.5









Fit corner trims to finish the fascias. Apply glue to one side of the corner trim only.

Spray a small amount of activator to the fascia trim where the glue will make contact and fit the trim flush to the top of the fascia boards.

4.6





Layout the roof panels in front of the garden room in the order they will need to be positioned on the roof and remove the protective film.

4.7



Apply a bead of Premseal BR to the crown verge which will be overlapped by the sidelap on the next panel.

4.8



With assistance, lift the first roof panel into position, leaving a slight overhang to allow the interior protective film to be removed from the edge of the panel.

4.9







Adjust the position of the panel to sit flush with the front, side and back of the fascias.

NOTE: Please leave the edge of the tape inside the room ready for removal (As explained in step 4.0).

4.10



Remove the protective film from the interior of the roof panel.

4.11



Apply a bead of Premseal BR to the crown verge of the next roof panel which will be overlapped by the sidelap on the next panel.

4.12



Stand up the roof panel **being careful not to touch the Premseal bead** and remove the protective film from the interior side.

4.13





With assistance, lift the roof panel and position alongside the first panel.

4.14





With assistance, lift the roof panel from inside the garden room and guide the panel into the correct position. Hook the sidelap over the crown and ensure the panel is flush to the fascia.

4.15









Repeat steps 4.13 to 4.14 to fit the last roof panel. Ensure that the panel is flush to the fascia along the front, side and back of the garden room.

4.16

Image to follow

Once the roof is in position and square remove the tape from around the roof edge.

4.17



Secure the roof to the frame by installing panel fixings along the front and back of the roof.

NOTE: Do not screw through the crowns as this will cause issues with installing the fascia trims.

4.18



Apply a bead of Premseal BR to the first crown verges on the left and right side.

4.19



Fit the left fascia first, followed by right and back.

4.20



Secure in place with stitcher screws positioned at a maximum of 450mm apart along the sides and into the crowns along the back.

NOTE: Place screws no more than 70mm from the edge of the base.

4.21



Apply a bead of Premseal BR along the front edge of the roof.

4.22



Install the foam filler strip on to the bed of Seamseal BR.

4.23



Position the front fascia.

4.24



Secure in position with stitcher fixings into the crowns.

4.25



Fit corner trims to finish the fascias. Apply glue to one side of the corner trim only.

Spray a small amount of activator to the fascia trim where the glue will make contact and fit the trim onto the corner.

5. Installing the Finishing Trims

5.0



Fit corner trims, position the trims against the corner, slide up beneath the lintel and cheese fascia trims and push into place along the length of the trim.

5.1



Fit the exterior panel finishing trims, position the trim against the panel joint trim, push into the joining trim track and slide up under the fascia. Using a mallet, knock into the joint trim along the length of the finishing trim.

5.2





Fit the interior panel finishing trims, position the trim against the panel joint trim, push into the joining trim track and slide up under the fascia. Using a mallet, knock into the joint trim along the length of the finishing trim.

6. Installing the French Doors

6.0



To install the French Doors, open the hinges. With assistance lift the door and line up the hinge on the door with the top of the hinge on the frame and slide down into position.





7. Installing the Handles

7.0



Insert the square drive bar through the square hole in the lock.

7.1



Fit the outside handle (the one without screw ports) onto the drive bar.

7.2



Fit the inside handle (the one with screw ports) on to the drive bar.

7.3



Insert screw into top screw port.

7.4



Insert screw into lower screw port.

7.5



Tighten screws (be careful not to over tighten).



Please contact our Customer Care Team for additional support or advice:

0333 005 6525

gardenbuildings@eurocell.co.uk

eurocell.co.uk

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