

# BENCH SEATING

## Installation Guide

### Requirements

A 'check' measure must be completed before ordering Bench Seating to ensure correct, accurate installation.

Pre-conditioning of **polytec's** Bench Seating is recommended. Expose the product to their final environment for as many days as possible before installation, as changes in relative humidity can mean dimensional changes in the panels. The recommend minimum period is five days.

### Processing

**polytec's** Bench Seating is supplied with panels and components accurately cut and almost completely pre-drilled. In the event further processing is required, **polytec's** Bench Seating can be cut, drilled and machined using standard woodworking tools. Cut edges can be lightly sanded. In order to maintain the black core of Bench Seating, an oil such as linseed oil will protect and enhance the edges.

### Installation

Installation instructions are available online under Installation and Fabrication Guides. [www.polytec.com.au/technical/](http://www.polytec.com.au/technical/)

### Fixing

**polytec** Partitioning Systems are supplied with all hardware and extrusions (excluding screws required to anchor Bench Seating to walls).

Correct pilot holes are essential to avoid splitting. They should be 2mm longer than the screw used and should be approximately 90% of the screw core diameter.

Care should be taken not to pre-drill holes through to the other side of the panel, particularly with 13mm Compact laminate.

When drilling the pilot hole, please limit pressure on the drillbit as excessive pressure can cause the far side of the panel to push out.

### Assembly

The standard aluminium foot assemblies, including hardware, are provided with the **polytec** Bench Seating. The floor level should be checked before installation.

Check the leg height against support blocks prior to installation, ensuring the support blocks are positioned at the correct height.

### Storage & Handling

Storage area should be an enclosed space, protected from moisture and heat, away from direct sunlight. When moving product, ensure care is taken to avoid scratching of the decorative surface. Ensure the pooling of water on the surface cannot occur and allow sufficient ventilation and drainage in enclosed spaces.

All packs should be evenly supported at each end, at intervals of no more than 600mm wide. All supports should be vertically aligned where packs are stacked. Minimise leaning panels against walls vertically to avoid bowing.

### Care & Maintenance

To maintain the antibacterial effectiveness of **polytec's** Bench Seating, the surface should be kept clean. Provided that good hygiene practices are followed; the antibacterial certified surface will be sustained for the expected life of the product. It is recommended after general cleaning; the Compact laminate surface should be wiped down with isopropanol.

**polytec's** Compact laminate has been independently tested in accordance with industrial standard JISZ2801 test for antibacterial activity and efficacy.

Always ensure that you refer to the recommendations provided by the cleaning product manufacturer before use.

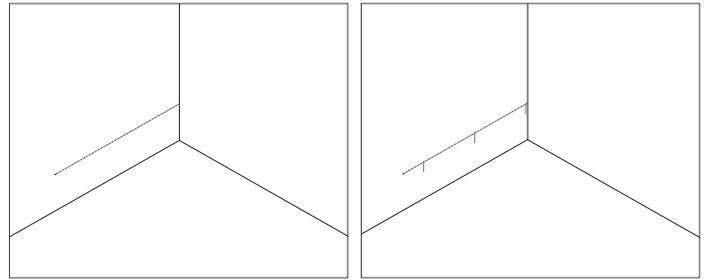
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**STEP 1**

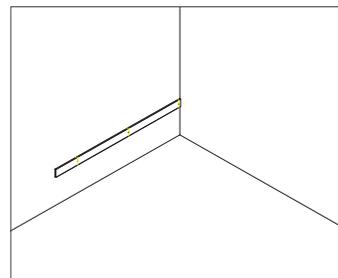
- a. Using a level, mark desired height on the wall.
- b. Identify and mark the wall stud positions in preparation for installation.



**STEP 2**

- a. Take one of the 100mm compact laminate panels and position the top of it along the line drawn.
- b. Mark and drill the center lines of the stud into the compact laminate.
- c. Screw compact laminate panel into the wall.

**NOTE:** you will find these holes are closer to one side of the compact than the other, the side with the holes closer to the edge is the back of the seat and will mount to the compact laminate attached to the wall.

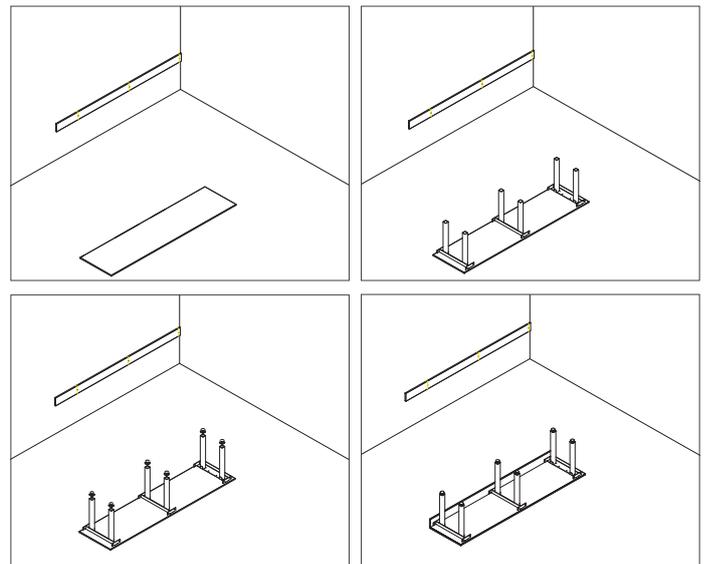


**STEP 3**

- a. Place the bench seat face down on clean foam or cardboard to prevent scratching.
- b. Take the bench seat frames and place them over the pilot holes drilled into the back of the compact laminate, screw the legs into position.

**NOTE:** you will find these holes are closer to one side of the compact than the other the side with the holes are closer to the edge is the back of the seat and will mount to the compact laminate attached to the wall.

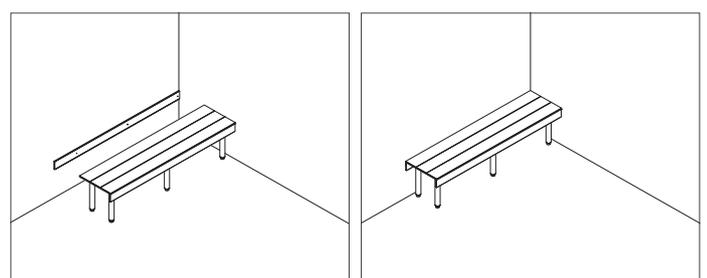
- c. Using a rubber mallet, tap the feet knock-ins into the bottom of the leg frame openings.
- d. Take an adjustable foot and screw into position. Repeat this for all bench seat frames.
- e. Position the other 100mm wide panel against the side of the leg frame, taking care to ensure the end of this panel is aligned correctly with the end of the seat before screwing into position.



**STEP 4**

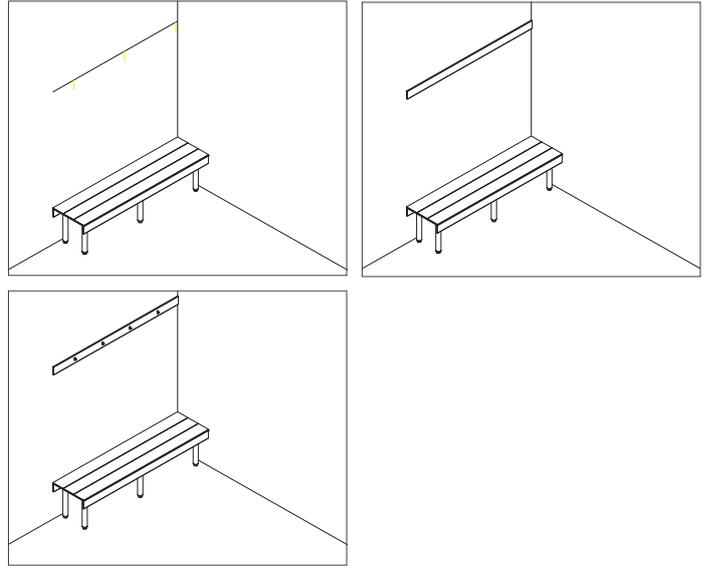
- a. Turn the bench seat over and position on top of the 100mm compact laminate panel that is attached to the wall, adjusting the levelling feet down as needed.
- b. Attach the bench seat to the wall via the holes provided in the frame.

**NOTE:** You will need to pre-drill the holes in the compact laminate before using the self-tapper screws.



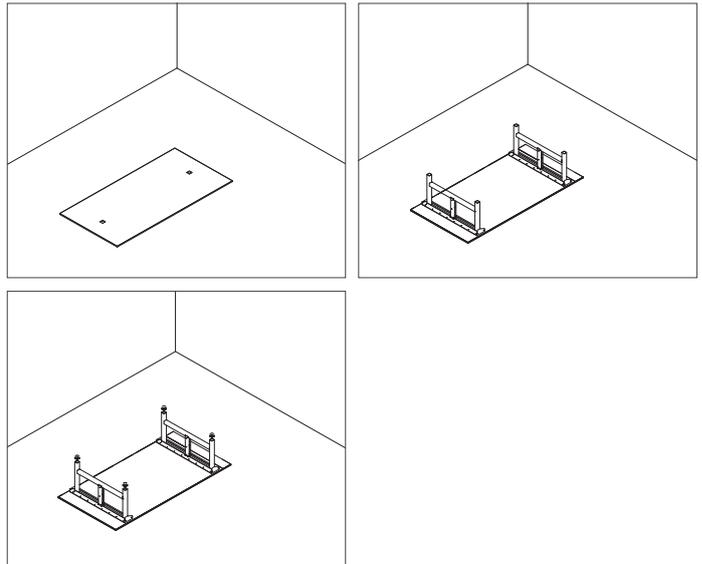
**STEP 5**

- a. If a coat rail is required, using a level, mark the desired height for the rail on the wall and the stud locations.
- b. Hold the coat rail up in position and mark and drill the stud positions on the rail.
- c. Attach the coat rail to the wall
- d. Attach the hooks to the coat rail using the screws provided.



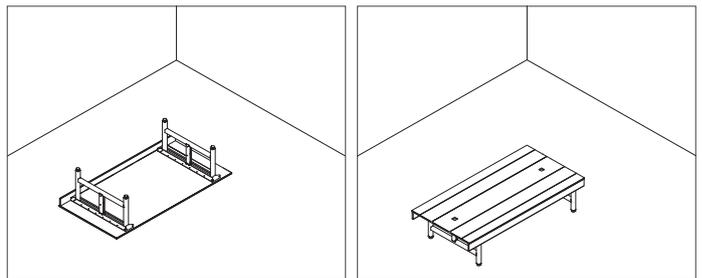
**STEP 1**

- a. Place the bench seat face down on clean foam or cardboard to prevent scratching.
- b. Take the Bench Seating frames and place them over the pre-drilled pilot holes now screw the legs into position
- c. Take an adjustable foot and screw into position. Repeat this for all bench seat frames.
- d. Using a rubber mallet, tap the fee knock-ins into the bottom of the leg frame openings.



**STEP 2**

- a. Position the 100mm wide panel against the side of the leg frame, take care to ensure the end of this panel is aligned correctly with the end of the seat before screwing into position. Repeat this process for the opposite panel.
- b. Turn the bench seat over in preparation for back rest and coat rail.



**STEP 3**

- a. Slide the vertical poles through the opening in the surface of the seat and firmly into position in the leg frame. Take the nuts and bolts provided and bolt poles into position.
- b. Using the supplied furniture bolts, attach the backrest and coat rail to the vertical poles, tightening with an allen key.
- c. Attach the coat rail to the rail using the screws provided.

