



# Durable GreenBed™

FOR THE SERIOUS GARDENER

## INSTALLATION INSTRUCTIONS FOR 4' x 12' STEPPED KIT

(also applies to other stepped kits)

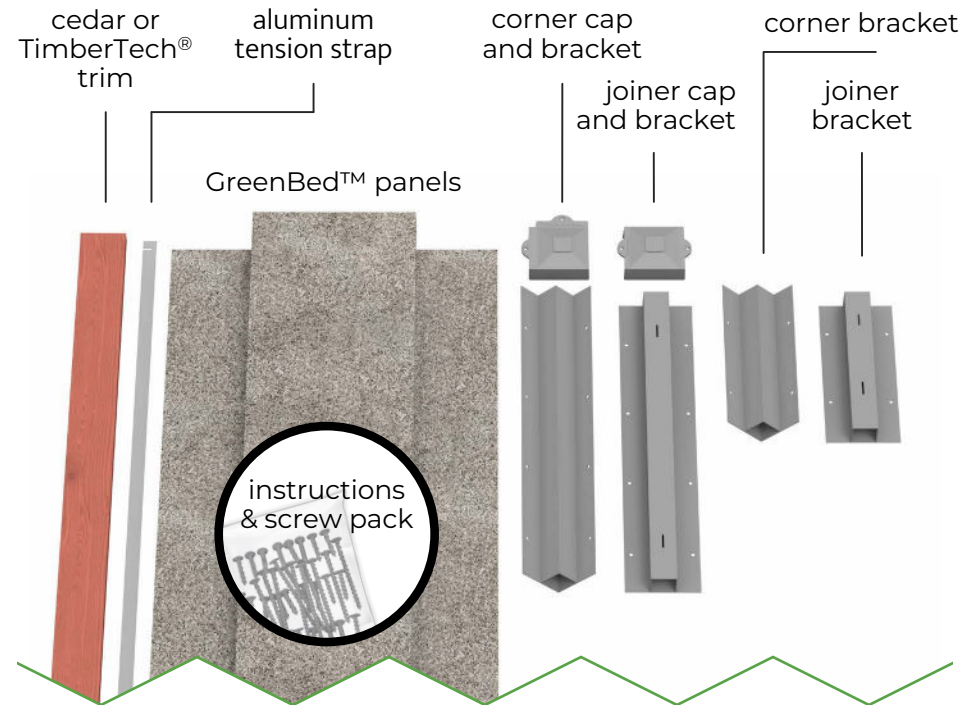
**Congratulations on purchasing the finest raised bed garden kit on the market. Your completed GreenBed™ will provide many years of service, far in excess of wood.**

### PARTS LIST:

(4) 2' GreenBed™ panels, (5) 1' GreenBed™ panels, (6) alum. corners, (6) alum. corner trim caps, (4) alum. joiners, (2) alum. joiner caps, (2) alum. inside corner braces, (2) alum. tension straps, (7) cedar or TimberTech® trim pieces and (2) notched pieces, (1) Package of 1 1/2" metal bracket screws, 3" gray cap screws, and 3" color matched trim screws

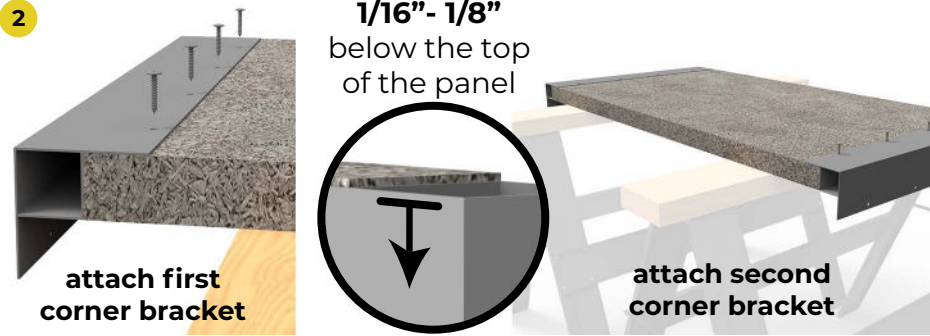
### TOOLS NEEDED:

Rake, square shovel, a bench or set of saw horses, tape measure, level (or laser level), rubber mallet, 1/8" drill bit, drill with a 1/4" nut driver and a Phillips bit.



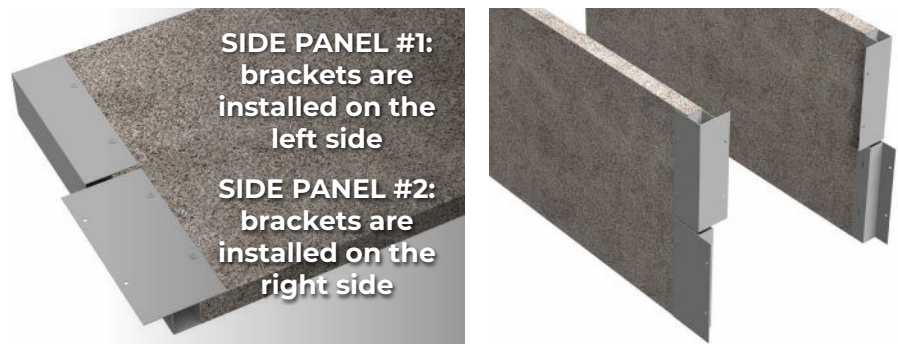
**CAUTION:** Be careful handling GreenBed™ panels. **DO NOT WALK ON THEM.** They are strong, but **CAN FRACTURE** if handled roughly during installation. Also, **DO NOT** over tighten screws. Doing so may cause them to strip out.

- 1 Level the garden site. This step is VERY IMPORTANT. If the site is level, installation will be MUCH FASTER.** Remove rocks, roots and debris that may prevent the panels from sitting level. Using a laser level to check your work can speed up this process. Make sure you compact the soil where the walls of the Durable GreenBed™ will rest so they do not sink into softer soil.



Place a 2' tall Durable GreenBed™ panel on your saw horses or work table, **smooth side up** and install a 2' corner bracket to each side. Line up each corner bracket so it is **1/16" - 1/8"** below the top of the panel. This will ensure the brackets won't interfere with the trim installation later. Use 1-1/2" screws to attach the bracket. Make sure each screw goes in straight. **Use a drill with a low torque setting**, so that you don't spin out the screws. Next, install a corner bracket on the opposite side of this panel using the same steps. After you've attached both corner brackets, set this finished end panel aside.

Create a 1' end panel with 1' corner brackets by following the previous steps. Remember, the panel should be smooth side up. Set this panel aside when you are finished.

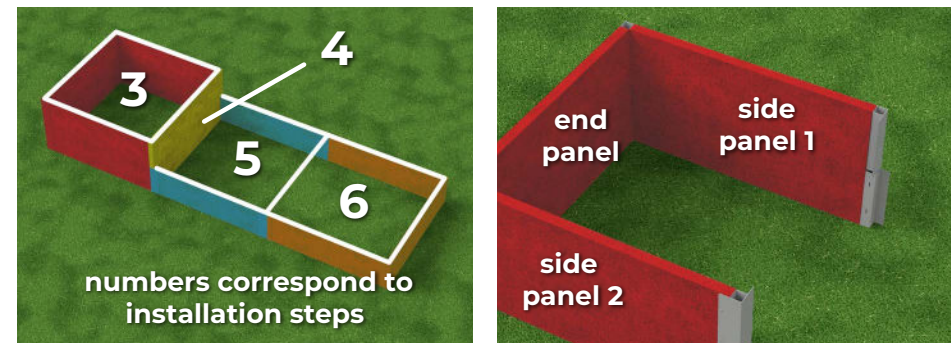


Finally, place a 2' panel on your workspace, smooth side up and attach a 1' corner bracket **to the left side**. Align it slightly below the top of the panel and attach it with screws. Then add a 1' joiner bracket below the corner bracket and attach it with screws—**this bracket will align to the bottom of the panel**. There will be a gap between these brackets.

**3 FOLLOW THESE STEPS EACH TIME YOU JOIN PANELS TOGETHER IN THE GARDEN**

- 1) Make sure each panel is level
- 2) Make sure they meet flush against the bracket
- 3) Make sure the top of each panel meet at the same height
- 4) Do not over tighten screws or you might strip them
- 5) Make sure screws are straight when you drive them in

To follow along with these instructions, be sure to view your raised bed from the same angle as the picture with colored panels illustrat-



**IMPORTANT TIPS:**

**To lower a panel**, dig out dirt from under it.

**To raise a panel**, use a folded piece of your cardboard packaging under it.

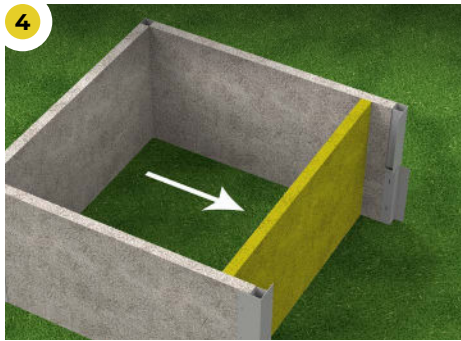
ing installation steps. Align the panels so that each one follows the rules in the yellow boxes.

Let's begin installing your Durable GreenBed™ using the 2' high end panel with installed corner brackets. Place it in your garden and bring a 2' panel with installed corner and joiner brackets over so you can join them together (see example picture in Step 2).

NOTE: Every time you create a corner, make sure the panels meet at a 90° angle. This will make final adjustments much easier.

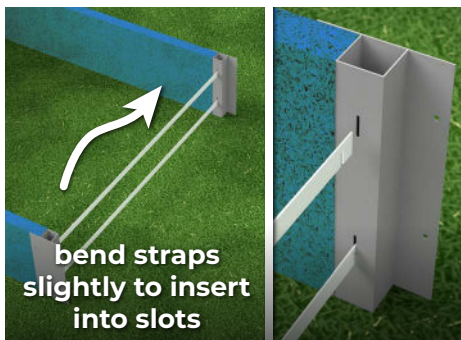
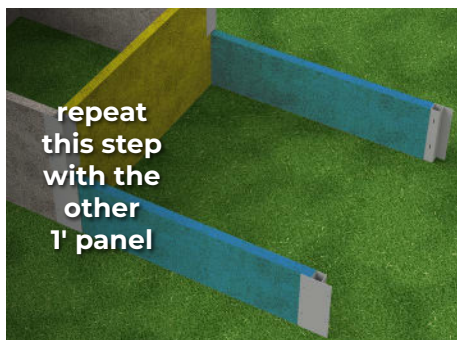
Finally, grab the other side panel with brackets installed on the right and attach it.



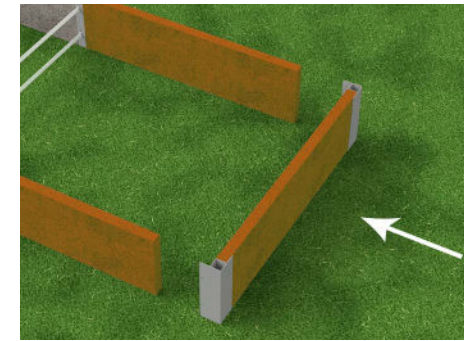
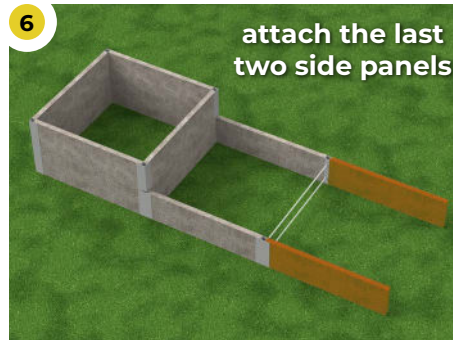


4 To finish the top portion of your Durable GreenBed™, bring the last 2' panel to your garden and align it with the brackets. Before attaching this panel, make sure it sits level and the **top of this panel sits slightly higher than the brackets** (this will keep the brackets from interfering later with the trim).

5 Grab the two 1' panels you created with joiner brackets. Align one of the panels so that it fits against the joiner bracket on the 2' panel. Once you've made sure **the panel is level and sits slightly higher the joiner bracket**, attach it with screws. Add the other 1' panel with joiner bracket on the opposite side.

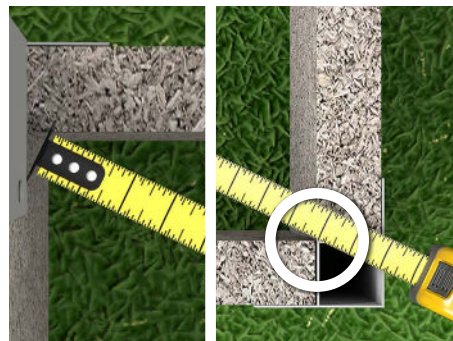
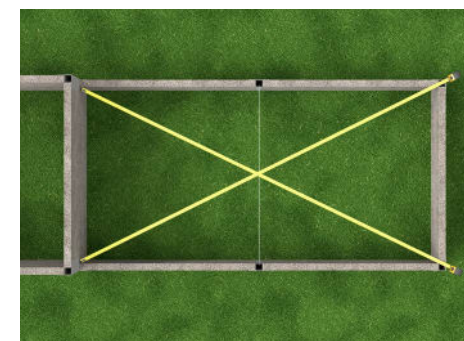


Now it's time to add tension straps to stabilize the walls of your Durable GreenBed™. Insert the straps into the slots on the brackets, align the notch on the straps and press down to secure it.



Next, install a panel into each empty joiner bracket to extend the walls of your GreenBed™. Use the steps listed in the yellow boxes and attach them with 1-1/2" screws. Make sure that you continue to check that your panels are level.

Grab the last panel, with attached corner brackets, and align it so that the corner brackets sit slightly below the top of the side panels. When the panel is level and properly aligned, attach it with screws.



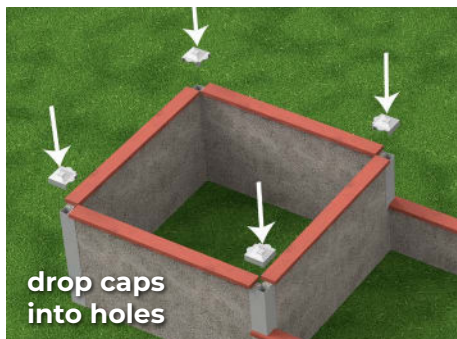
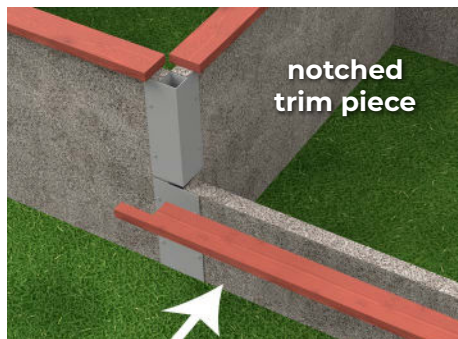
Check your finished bed for squareness by measuring both directions diagonally. Start with the 1' high section. Dimensions should be within 3/8" of each other. Adjust panels as necessary to square it up. Next, check the 2' high section and follow the same steps.

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Now it's time to layout your trim. Place a piece of trim over each panel, leaving the bracket holes visible.

There are two notched trim pieces. These will sit on the 1' panels next to the higher 2' panels. Now, place a trim cap over each bracket hole. These will slide into the hole and

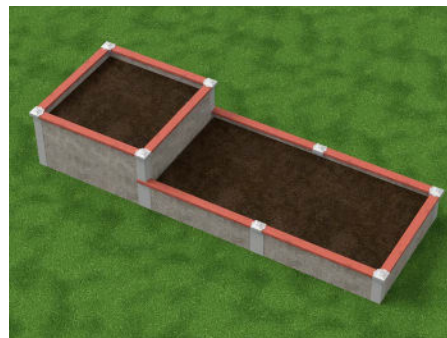


align the trim to the Durable GreenBed™ panels. Before you screw each cap down, slide the trim back and forth to make sure it sits roughly centered between them.



Once the trim is centered, use a 1/8" drill bit to drill a hole into the trim through the open holes in the caps. **Make sure you drill only through the trim and not into the panel.** Then, use the 3" color-matched wood screws to attach it. Make sure you use a low torque setting on your drill so you don't strip out the panels.

Next, add two more screws per trim piece using the pre-drilled holes in the middle of the trim to secure them to the panels.



Finally, place gravel or dirt under any panel that has a gap. Use your foot to compact this material so the walls of your GreenBed™ will sit firmly on the ground.

Fill your GreenBed™ with a compost-rich, topsoil blend for best results. Do not fill with heavy clay soil because it puts much higher pressure on the side walls and it's not a good choice horticulturally.