



Durable GreenBed™

FOR THE SERIOUS GARDENER

INSTALLATION INSTRUCTIONS FOR OUR STANDARD 8' x 8' x 2' TALL KITS

Instructions applicable for all custom L-shaped kits as well

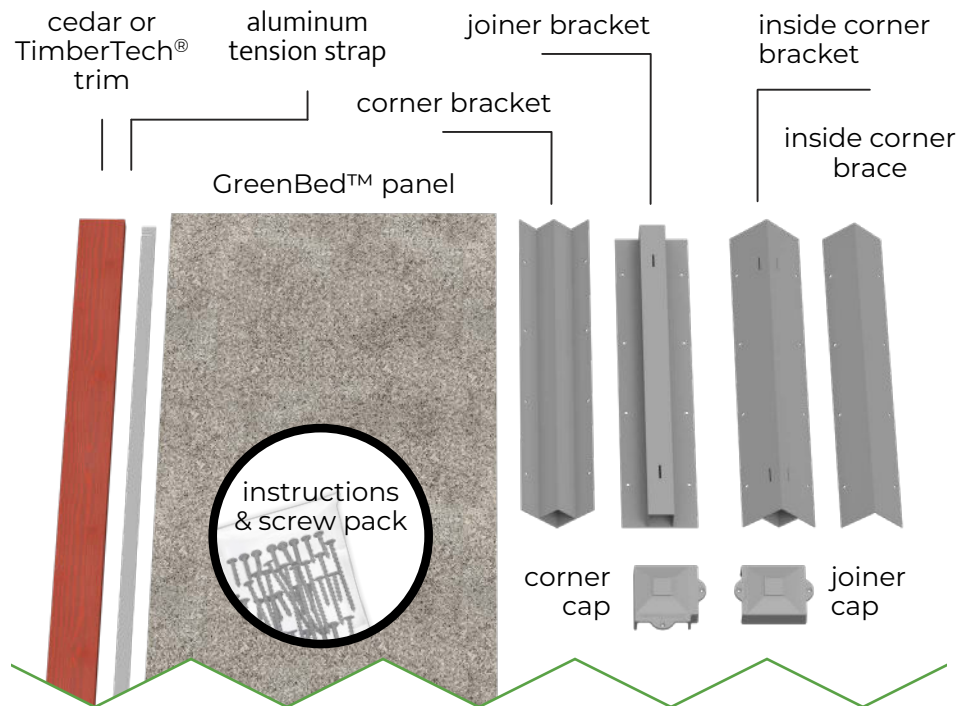
Congratulations on purchasing the finest raised bed garden kit on the market. Your completed GreenBed™ will provide many years of service, far in excess of wood.

PARTS LIST:

(8) GreenBed™ panels 45 3/4" x 25", (6) alum. corners, (6) alum. corner trim caps, (2) alum. joiners, (2) alum. joiner caps, (2) alum. inside corners, (1) alum. inside corner brace, (4) alum. tension straps, (8) cedar or TimberTech® trim pieces, (1) Package of 1 1/2" metal bracket screws, 3" gray cap screws, and 3" color matched trim screws

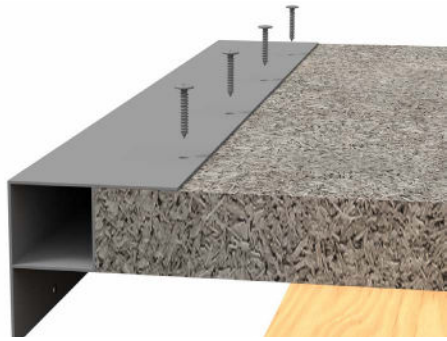
TOOLS NEEDED:

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

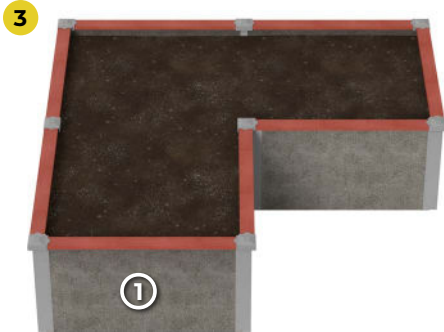


CAUTION: Be careful handling GreenBed™ panels. DO NOT WALK ON THEM. They are strong, but CAN FRACTURE if handled roughly during installation. Also, DO NOT over tighten screws. Doing so may cause them to strip out.

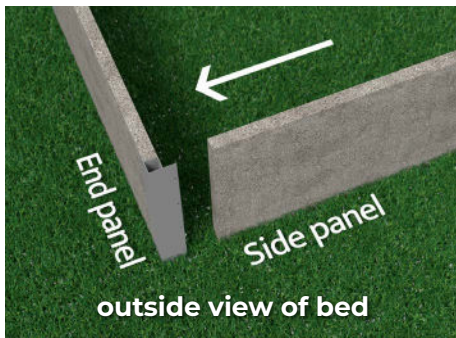
- 1 Level the garden site. This step is VERY IMPORTANT. If the site is level, installation will be MUCH FASTER.** Remove rocks, roots and debris that may prevent the panels from sitting level. Using a laser level to check your work can speed up this process. Make sure you compact the soil where the walls of the GreenBed will rest so they do not sink into softer soil.
- 2** Place a Durable GreenBed™ panel on your saw horses or work table, smooth side up. Line up a corner bracket so it is **1/16" - 1/8"** below the top of the panel. This way, the bracket 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 cordless drill with a low torque setting**, so that you don't spin out the screws. Now, 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 panel



aside and repeat these steps on a new panel. You should now have two completed end panels, each with corner brackets. Next, place a new panel, smooth side up, on your work table and install the last corner trim gbracket on the left side. Set this panel aside for now.



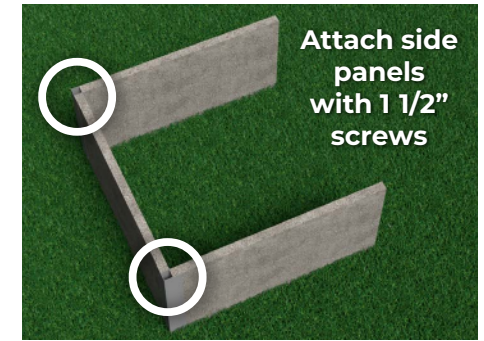
No. 1 is an “end panel” with corners attached



approximately $1/16'' - 1/8''$ below the top of your panel. Once both panels are level and meet at the same height (see next photo), join them with $1\ 1/2''$ screws. Now, install another side panel to complete one end of your 8' x 8' GreenBed™. Make sure the panel and bracket fit flush from

Now, you are ready to start assembling your Durable GreenBed™. Before you begin installing this kit, orient your view so that the image at the left represents your final bed installation. These instructions are written specifically for this view. You will begin your installation starting with the lower left-hand side.

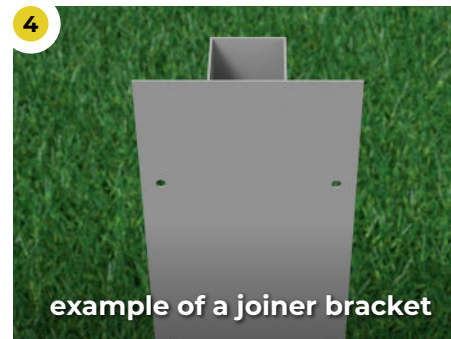
IMPORTANT: Dig out dirt from under a panel to lower it. To raise it, place a folded piece of your cardboard packaging under the panel. You will use these steps throughout the installation to make sure your GreenBed™ is level. Move an end panel (with corner brackets) to the garden and a new panel (without any brackets) that will become the first side. All panels should be facing up, which is the side that has the bracket



top to bottom, their heights match, and the panels are level before joining them with the $1\ 1/2''$ screws. Repeat this step with another panel to finish one end of your GreenBed™.

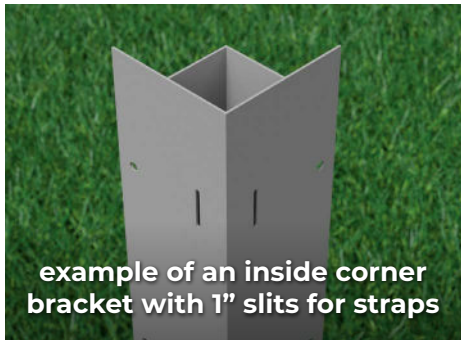
Each time you join two panels together with a bracket, FOLLOW THESE STEPS:

- 1) Make sure each panel is level
- 2) Make sure they meet flush against the bracket
- 3) Make sure the tops of each panel meets 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



Add a joinder bracket to the left side of your GreenBed™—looking at the bed from the perspective shown in **Step 3**. Make sure you install it on the outside of your bed (the smooth side) and align the bracket approximately $1/16'' - 1/8''$ below the top of the panel. Keep the bracket snug against the panel and attach it with $1\ 1/2''$ screws.

On the opposite panel, install an inside corner bracket. This bracket



example of an inside corner bracket with 1" slits for straps



the "inside corner bracket" attaches inside your bed (dirt shown as example)



Gently bend straps to insert them into slots

Use a mallet, if necessary to gently tap them down

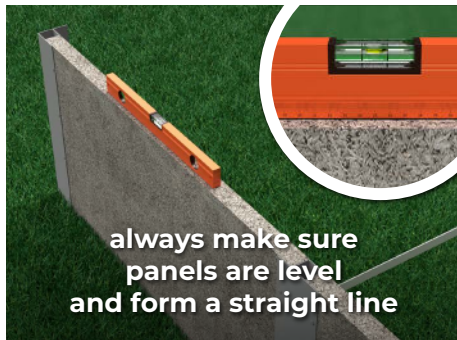
will form the inside corner of the "L". There is only one of these brackets in your kit. **IMPORTANT: This bracket MUST be installed on the inside of your raised bed—where the dirt will be**

After both of these brackets are installed, insert two of the included, aluminum tension straps into the vertical slits. When attaching

these, gently bend the straps into an "S" shape to insert them into the slots. This will keep the sides of your raised bed from moving during installation, and from spreading when you fill it with soil.



5 panel smooth side up, corner bracket on left

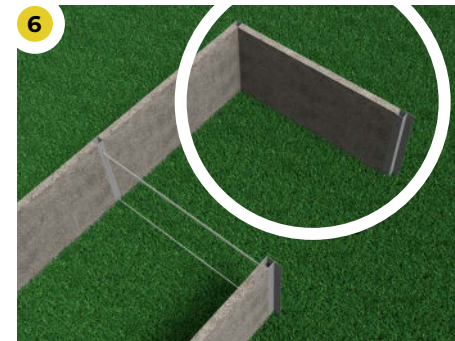


always make sure panels are level and form a straight line

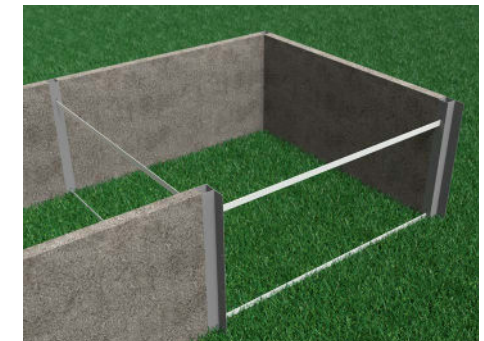
Place a new panel on your work space, with the smooth side up, and install a corner bracket to the LEFT side. Make sure the bracket is 1/16" - 1/8" below the top of the panel. Move it to your garden and attach it to the empty joiner bracket. This will create an 8' long, straight section of your L-shaped bed. Use a level to make sure the new panel is level and meets the previous side panel evenly at the joiner bracket. Use 1 1/2" screws to secure the joiner bracket to the panel.

TIP: Sight down the walls of your GreenBed™ to see if the panels are forming a straight line and meeting at the same height. Remember, you can adjust sloping panels by:

1. Using a folded piece of cardboard from your packaging to raise a panel, or
2. Dig out dirt under a panel to lower it

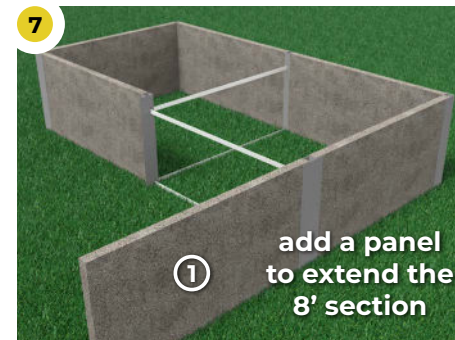


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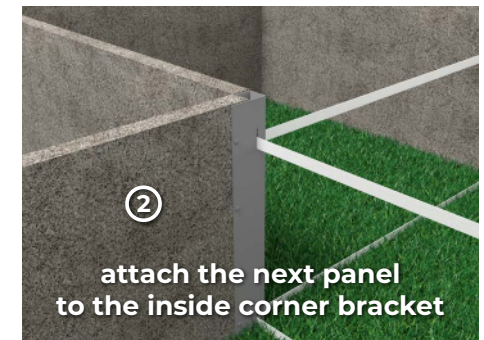
Place a panel on your workspace, smooth side up. Attach a joiner bracket on the LEFT side. Once you've lined up the bracket approximately 1/16" - 1/8" below the top of the panel, attach it with 1 1/2" screws. Move this panel to the garden and attach it to the corner bracket you just installed.

Grab two aluminum tension straps and insert them into the vertical slits on the joiner and corner brackets. When attaching these, gently bend the straps to insert them into the slots.



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1 add a panel to extend the 8' section



2 attach the next panel to the inside corner bracket

Bring a new panel to your garden and install it to the joiner bracket you just added in the last step. This will complete the second 8' section of your GreenBed™. Make sure this panel meets the last panel at the same height, is level and sits 1/16" - 1/8" above the installed

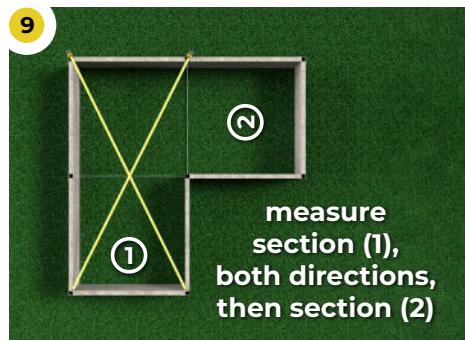
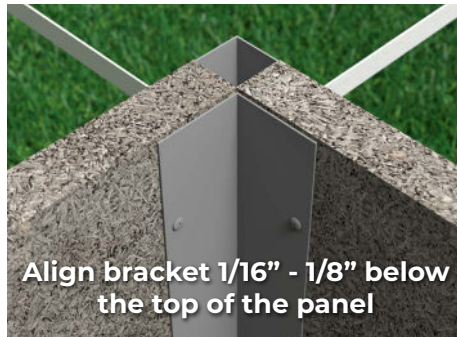
bracket to ensure the trim sits flush against the panels later in your installation. Attach the panel with **1 1/2"** screws.

Repeat these steps on the opposite side of your GreenBed™ using another new panel. Make sure the panel is level and attach it to the corner bracket with **1 1/2"** screws.



Now, install the final end panel containing the pre-installed corners to complete the walls of your Durable GreenBed™. Check that the end panel is level, and adjust the side walls so they meet evenly with the corners of the end panel. Use **1 1/2"** screws to secure both corner brackets to the side panels.

Finally, you will install an inside corner brace to your GreenBed™. This flat brace adds additional strength to the corner. Align this bracket as you have with previous ones, **1/16"** - **1/8"** below the top of the panel. Use **1 1/2"** screws to attach this bracket.



Check your finished bed for squareness by measuring diagonally. **Measure rectangle (1)** as shown in the picture to the left. Dimensions should be within **3/8"** of each other. Adjust the panels as necessary. Then, **measure rectangle (2)**. Adjust the panels so your measurements are within **3/8"**. Your GreenBed™ is now ready for trim.



Finally, place your trim pieces on your GreenBed™ so that each one covers a panel. Drop the corner and joiner caps over your trim and into the appropriate bracket holes. These will hold your trim securely. Slide each piece of trim back and forth before you add screws so that it sits more evenly between the caps. **IMPORTANT:** Drill **1/8"** pilot holes into the cedar or TimberTech trim at each trim cap screw hole. **Make sure you do not drill into the GreenBed™ panel.** This will keep the trim from splitting. Use **3"** gray screws to secure the cap, trim, and panel together. Use a low torque setting on your drill. After you've secured all of the trim caps, add



two **3"** **color matched screws** per trim piece, to secure your trim.

Finally, 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.