



Treated Wood Just Got GreenerSM

Raised garden beds are popular, practical and relatively easy to build. Their simple construction can be customized to fit into any landscape, and they are an ideal way to grow vegetables, flowers or herbs.

MicroPro® treated wood products work well when constructing raised bed gardens. MicroPro preservative technology has received independently evaluated environmental certifications. The MicroPro technology is the first treated wood process to be certified under Scientific Certification Systems' Environmentally Preferable Product (EPP) program based on Life-Cycle Assessment. Wood products treated using Koppers' preservative technologies are eligible for more green building points than any other treated wood products in the market.

Raised beds offer many benefits and advantages for gardeners.

- Improved drainage
- Easier to improve soil quality
- Easier weed control
- Easier to water
- Fewer pests and rodents
- Less physical strain for the gardener
- Improved accessibility for elderly, disabled, or individuals with physical limitations



If MicroPro treated wood products are used for this application, it is suggested that all of the treated wood products be treated for "Ground Contact" end use.



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Very small amounts of copper and azole may migrate out of MicroPro treated wood over time. If it is desirable to minimize the migration of these components into the soil of a raised bed garden, a thin plastic material may be used as a barrier between the treated wood and the raised bed garden soil. The use of a plastic barrier will also help keep the raised bed garden soil within the bed area. For proper drainage, the plastic material should not be used underneath the raised bed garden soil, but rather a landscape fabric stapled to the bottom keeps your potting mix in place while allowing adequate drainage for your plantings.

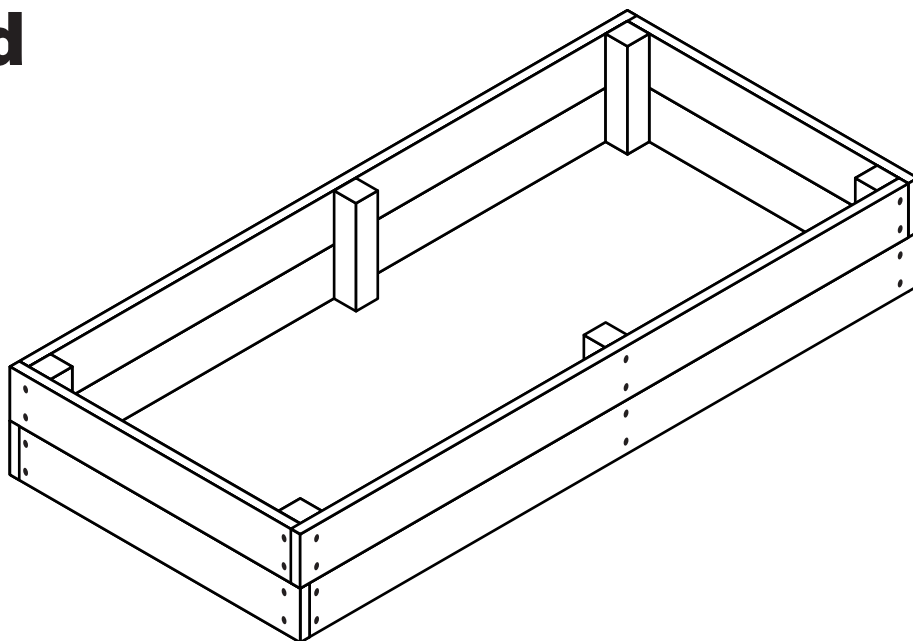
Raised Garden Bed

MATERIALS

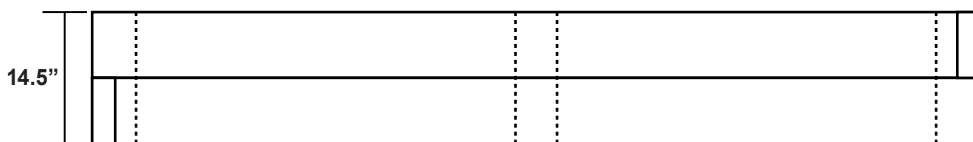
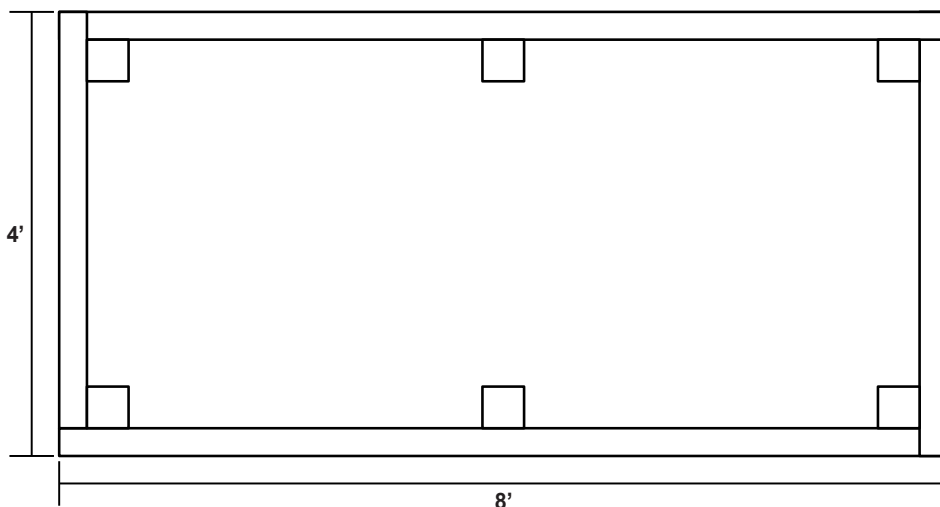
- 6 - 2"x8"x 8' pressure treated boards
- 1 - 4"x4"x8' pressure treated post
- 1 box of 3" #8 galvanized all-purpose screws

BUILDING STEPS

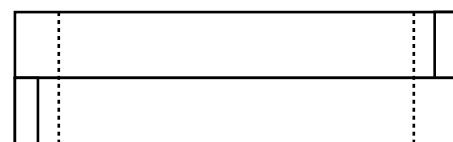
1. Use 4 single 8' 2x8s for the long sides. Drill pilot holes in both ends of two side pieces where they will connect to the ends of the other two side pieces.
2. Cut four lengths of 2 x 8 at 48" for the sides. You should be able to do this with a single eight foot board. Drill pilot holes in both ends of these pieces too.



Top View



Front View



Side View

3. Measure the height of the 2 stacked 2x8s. This measurement will be about 14.5". You'll need to cut the 4x4 into 6 pieces (14.5" each) to support the corners and the sides.
4. Connect the sides with 3" deck screws.
5. Attach a piece of landscape fabric to the bottom edges using galvanized staples. Leave some slack in the fabric, allowing that the weight of the soil will stretch the fabric.
6. Add soil and start planting!

Important Information

Do not burn preserved wood. • Wear a NIOSH N95 dust mask and goggles when cutting or sanding wood. • Wear gloves when working with wood. • Some preservative may migrate from the treated wood into soil/water or may dislodge from the treated wood surface upon contact with skin. Wash exposed skin areas thoroughly. • All sawdust and construction debris should be cleaned up and disposed of after construction. • Wash work clothes separately from other household clothing before reuse. • Preserved wood should not be used where it may come into direct or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges. • Do not use preserved wood under circumstances where the preservative may become a component of food, animal feed, or beehives. • Do not use preserved wood as mulch. • Only preserved wood that is visibly clean and free of surface residue should be used. • If the wood is to be used in an interior application and becomes wet during construction, it should be allowed to dry before being covered or enclosed. • Disposal Recommendations - Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state, and local regulations. • If you desire to apply a paint, stain, clear water repellent, or other finish to your preservative treated wood, we recommend following the manufacturer's instructions and label of the finishing product. Before you start, we recommend you apply the finishing product to a small exposed test area before completing the entire project to insure it provides the intended result before proceeding. • Projects should be designed and installed in accordance with federal, state, and local building codes and ordinances governing construction in your area and in accordance with the National Design Specifications (NDS) and the Wood Handbook. • Mold growth can and does occur on the surface of many products, including untreated and treated wood, during prolonged surface exposure to excessive moisture conditions. To remove mold from the treated wood surface, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mold.

For more information visit www.epa.gov. Use wood preservatives safely. Always read the label and product information before use.



MicroPro pressure treated wood products are treated with Micronized Copper Azole. MicroPro treated wood products are produced by independently owned and operated wood treating facilities. MicroPro is a registered trademark of Koppers Performance Chemicals Inc. 5/2020

