



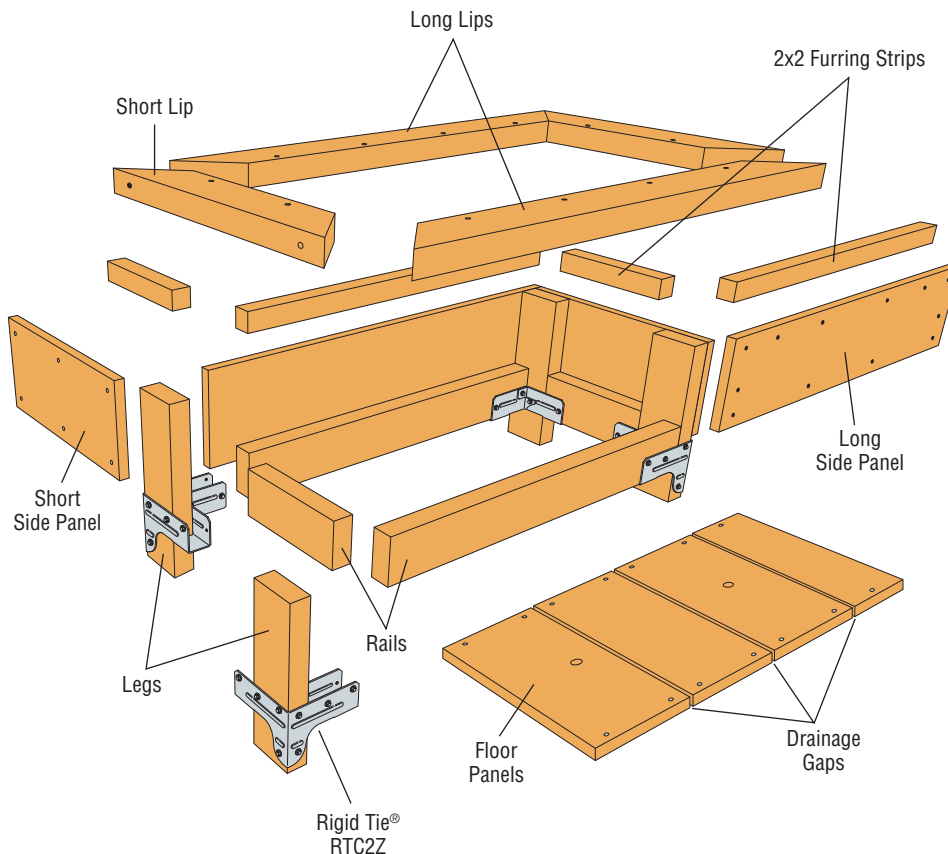
CUSTOMIZE PLANTER BOXES FOR YOUR PORCH, DECK OR PATIO

Wood Planter Box

Build one or more of these stylish planter boxes to add to the beauty of your outdoor space. Simpson Strong-Tie® RTC2Z Rigid Tie® corner connectors make it quick and easy to build this simple, but strong planter box in just one day. Use cedar, redwood or preservative-treated wood with a wood stain for that natural look, or use non-treated lumber and protect and personalize it with your favorite paint color.



Check out our installation and building tip videos at diydoneright.com.



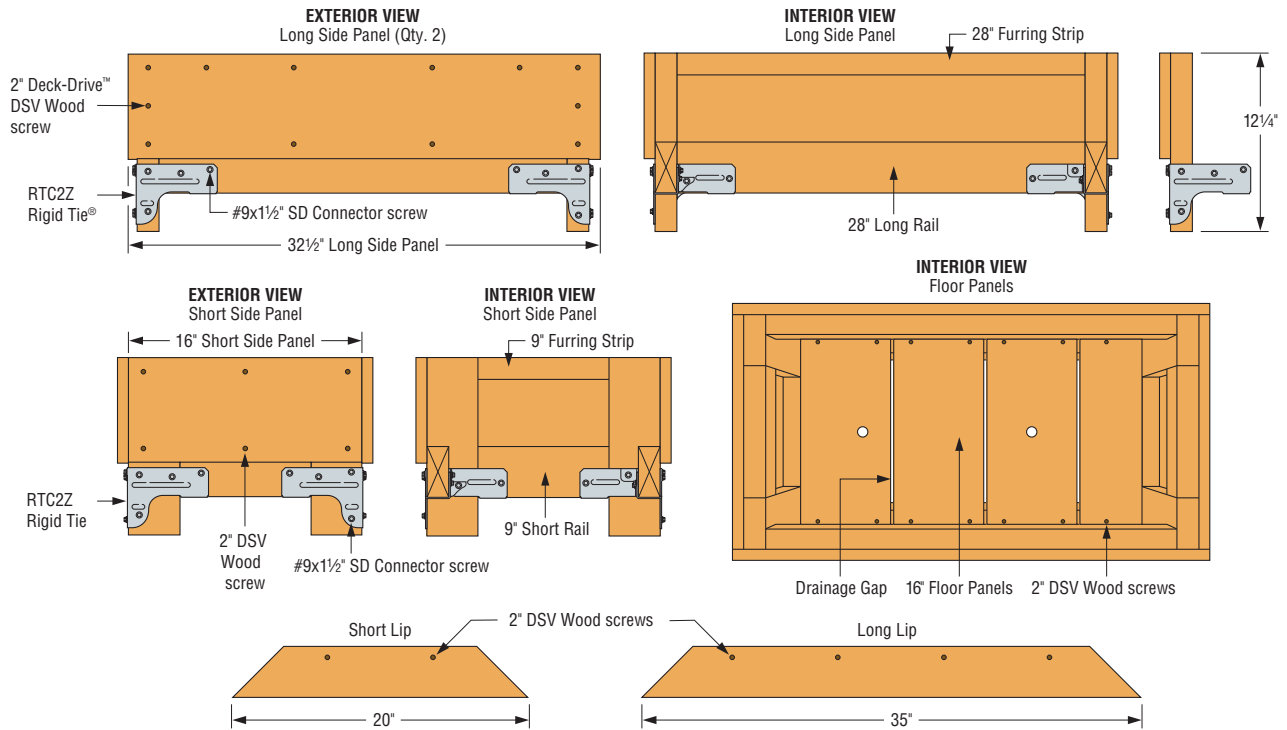
TOOLS YOU NEED

- Saw
- Miter saw
- Drill/Screw gun
- #2 Phillips head bit
- Tape measure
- Framing square
- Straight edge or chalk line
- Clamps
- Bit holder (optional)
- Paint brush (for sealing or painting)

INSTALLATION INSTRUCTIONS

- 1. MEASURE AND CUT LUMBER: 2x4 VERTICAL LEGS AND 1x8 SHORT SIDES TO SIZE.** Wait to cut the 1x8 long sides and 2x4 short and long lips until the frame is assembled.
- 2. INSTALL CONNECTOR ON EACH VERTICAL LEG.** Mark height, clamp RTC2Z connector to leg and attach with Simpson Strong-Tie® #9x1½" Strong-Drive® SD Connector screws.
- 3. CONNECT 2x4 RAILS ON ALL SIDES.** Use a clamp to help hold the wood in the seat of the connector during installation. Attach with 1½" screws as above.
- 4. INSTALL 1x8 SHORT SIDES.** Attach the short side panels so that seam is flush with the outside edge of the legs. Next, clamp the short 2x2s between the vertical legs to the inside of the side panels. Attach from the outside with 2" Deck-Drive™ DSV Wood screws.
- 5. MEASURE, CUT AND INSTALL LONG SIDES TO FIT.** Attach both long side panels to the posts with the 2" screws, squaring the edges to the ends. Then, clamp the long 2x2s to the inside of long side panels and attach from the outside with the 2" screws.
- 6. MEASURE, CUT AND INSTALL TOP LIPS.** Attach the top finishing lip by first fastening the four ends together with the 2" screws. Drill on a diagonal to attach the short lip to the long lip. Next, attach the lip to the top of the frame with the 2" screws.
- 7. MEASURE, CUT AND INSTALL BOTTOM.** Attach the floor panels to the inside frame with the 2" screws, leaving small gaps or cutting small holes to allow for drainage.

Wood Planter Box (20" w x 35" l x 14¼" h)



FOR THIS PROJECT YOU WILL NEED:

LUMBER*

- (3) – pieces of 1x8 6 ft. Fence Board
- (3) – pieces of 2x4 8 ft. Lumber
- (1) – piece of 2x2 8 ft. Lumber

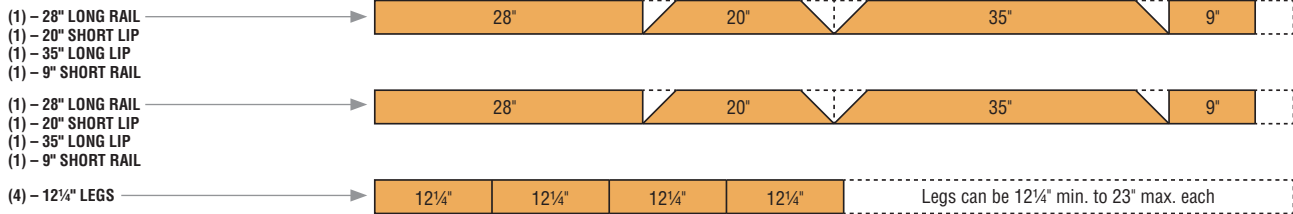
SIMPSON STRONG-TIE® CONNECTORS AND FASTENERS

- (4) – RTC2Z Rigid Tie Connectors
- (1) – 100-qty box Simpson Strong-Tie® #9x1½" Strong-Drive® SD Connector screws for exterior use
- (1) – 1-lb. box 2" Deck-Drive™ DSV Wood screws for exterior use

OTHER

- Exterior-grade paint or stain (*optional*)
- Plastic liner if needed

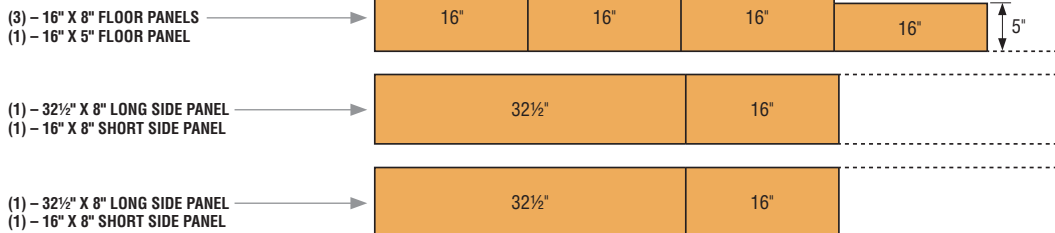
CUT FROM 2x4 x 8' LUMBER



CUT FROM 2x2 x 8' LUMBER



CUT FROM 1x8 x 6' FENCE BOARD



* Use cedar, redwood, preservative-treated wood or non-treated wood with exterior-grade paint or stain.
 Note: If using preservative-treated wood, be sure to line box with plastic liner if you plan to plant vegetables, herbs or anything else edible. (Don't forget to cut holes in the liner to line up with the drainage holes in the bottom of the planter.)

The construction plan for this project is designed to be completed by people with basic carpentry skills in standard situations. If your situation is unique, talk with someone with detailed carpentry or construction experience before starting your project. Particular attention was paid to the steps and details in this plan, but they cannot be guaranteed to be error free. Simpson Strong-Tie shall not be responsible for any possible loss, damage or injury resulting directly or indirectly from the information contained here.

© 2017 Simpson Strong-Tie Company Inc. • P.O. Box 10789, Pleasanton, CA 94588

DIY-CSWPLTBX17 12/16 exp. 12/20

(800) 999-5099
 strongtie.com