

Deck System

How-To Build a Box Step

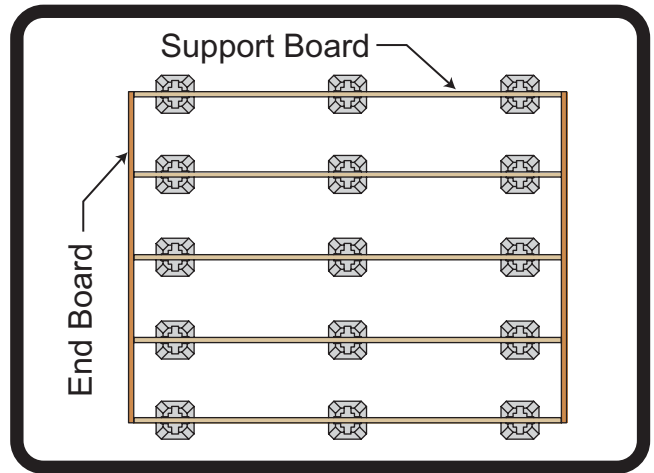
STEP 1 - Add an Extension Board

When positioning a step along a Support Board, the Dek-Block® piers will interfere with the step. So, a fascia board will need to be added before the decking is applied.

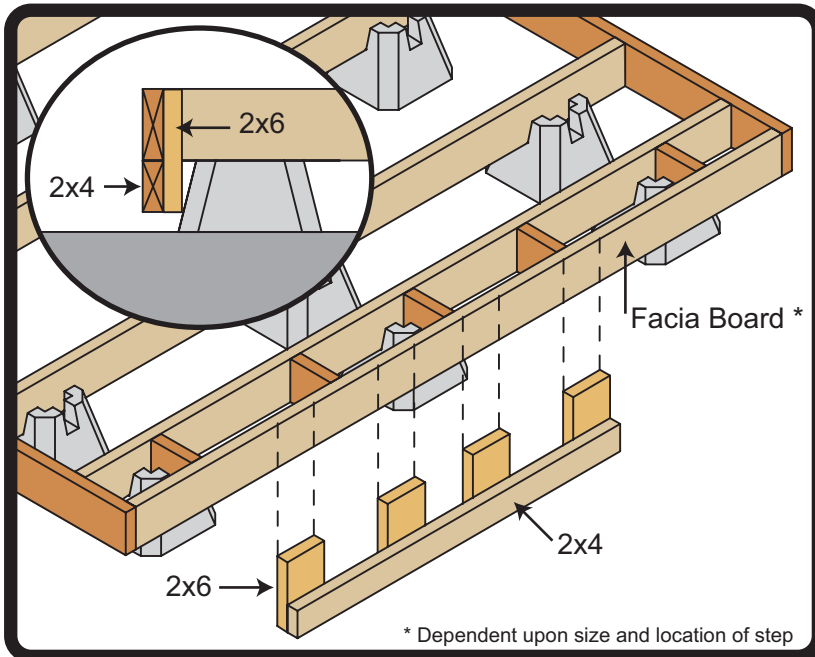
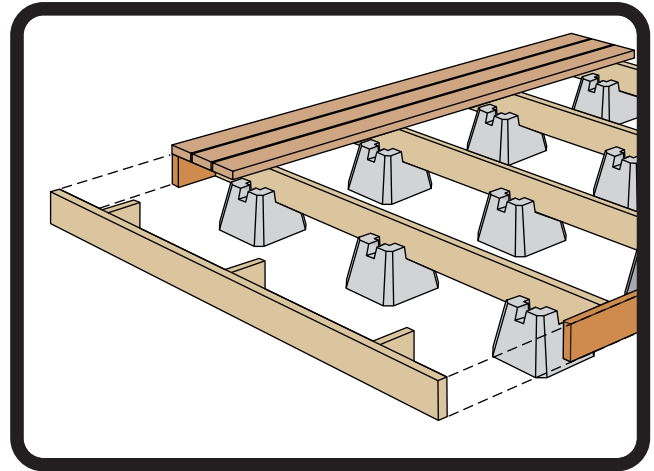
If the step is along the edge of the End Board, no modifications are needed.

Secure scrap 2"x6" blocking boards to the backside of the Facia or End Board using decking screws. Next, attach a 2"x4" extension board to the blocking boards beneath the Facia or End Board.

Parts Diagram



How to Attach a Facia Board



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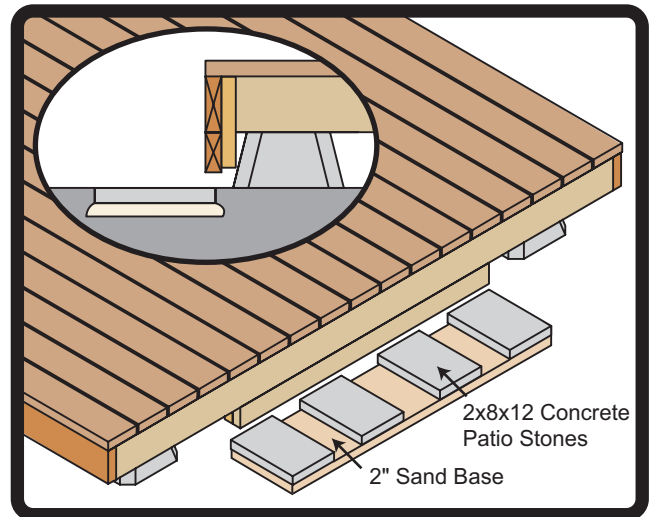
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Step 2: Position Patio Stones

Dig a shallow hole to the width of the step. The hole should be approximately 4-6 inches deep. Place a 2 - 4 inch base of sand or crushed rock into the hole. Wet, compact and level the material. Next, position the concrete patio stones on the sand base. Ensure the patio stones are level in both directions, and level with each other. Use the remaining sand to make any adjustments. The patio stones should be positioned every 16" - 24" on center.

24" for 2"x6" surface boards and 16" for 5/4"x6" or composite surface boards.

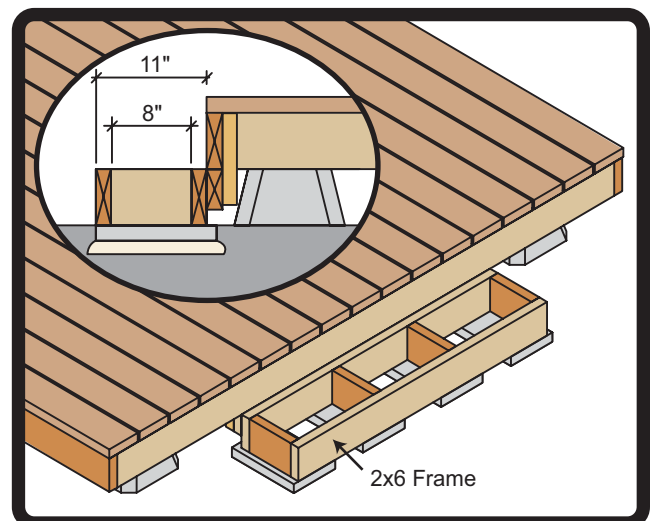


Step 3: Build Box Step Frame

Using 2"x6" lumber, cut two pieces to the desired width of the step. Next, cut several 8 inch blocking pieces. A blocking board should be positioned on each end, and every 16" - 24" on center. Secure all pieces together with deck screws.

24" for 2"x6" surface boards and 16" for composite or 5/4"x6" surface boards.

Place the box frame on the concrete patio stones. Verify that the frame sits firmly on the patio stones and remains level in both directions. Secure the box frame to the extension board using two deck screws every 12 inches.



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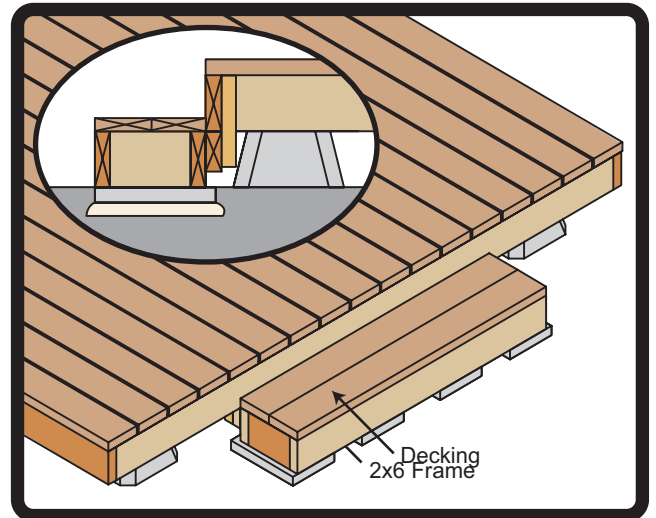
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Step 4: Attach the Deck

Attach the first surface board flush to the edge of the deck. Secure with two 2 1/2" deck screws at the connection of each blocking board. If the surface boards are pressure treated and wet, position them flush against each other (edges touching). Within a few days, a small gap will form as the boards dry and shrink. If the surface boards are cedar, redwood, or composite decking, leave a 1/8" gap between the surface board.



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