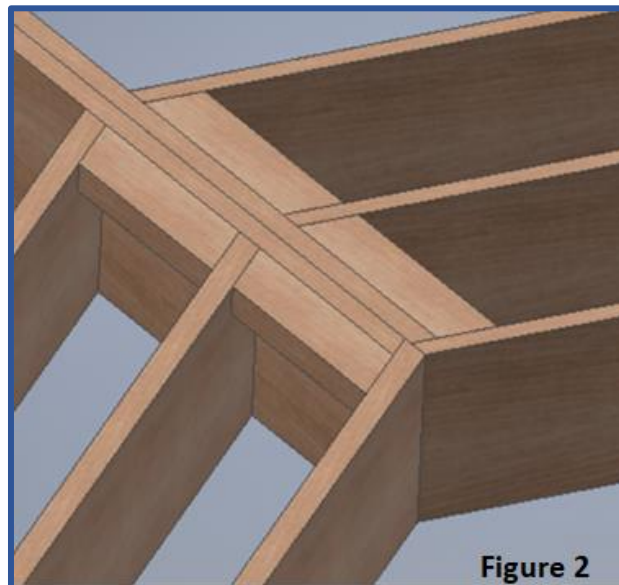
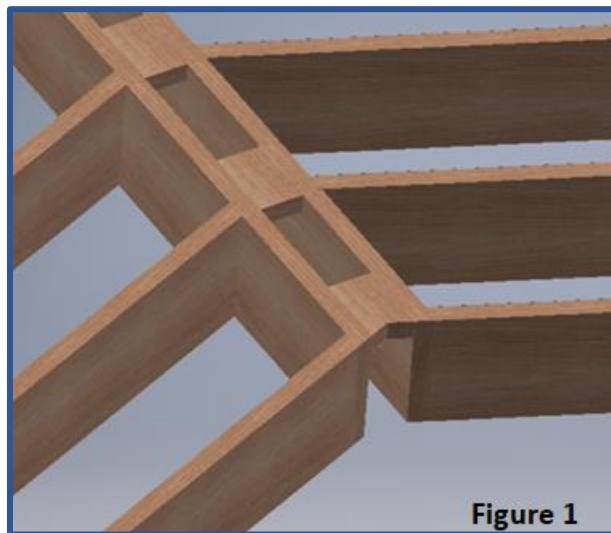


Sealing an Angled Decking Installation with DuxxBak[®] Dekk and a Feature Strip

No matter the intersecting angle, use of a DuxxBak[®] Dekk Feature Strip can make waterproofing your angled DuxxBak[®] Dekk deck simple and effective.

1. Prepare the structure to accept a Feature Strip, and to support the angled DuxxBak[®] Dekk board ends that are cut back to make room for the Feature Strip. To figure the placement of structural components, consider the following: The underside of the Feature Strip measures $2 \frac{13}{16}$ " across; a $\frac{3}{16}$ " gap is required at any obstruction (on each side of the feature strip); the cut DuxxBak[®] Dekk board-ends must rest fully on a structural member. Thus, internal 2"x4" blocks inserted between end joists at 16" on center (Figure 1) or 2"x4" blocks installed flat between the joists (figure 2) will provide adequate support for the feature strip so that each cut end of a DuxxBak[®] Dekk board will rest fully on a structural member.



Sealing an Angled Deck Installation Instructions (cont'd)

2. Secure the 2"x4" blocks using #10 x 3" exterior-grade screws rated for contact with your structural components. The use of nails is not recommended, as using screws will help to ensure that the plane of the deck surface is maintained while the structure ages. Use a belt sander to assure that all structural components are in plane before proceeding.
3. Begin installation of DuxxBak® Dekk following our normal DuxxBak® Dekk installation procedures, working toward the angled intersection of the deck.

If the angle is an outside corner (with water shedding away from the angle), disregard steps 4 through 7, and proceed to step 8.

4. Once the decking installation has proceeded to the point where the boards will intersect the angle, cut each board approximately 1" longer than is needed, at the approximate angle of the corner.
5. Before installing the first angled board, fill the entire length of the interlocking groove, See Figure 3, (of the board about to be installed) with Lexel (or other approved sealant). The sealant will act to prevent water from falling into the drainage channel, effectively keeping all water on top of the decking. Each subsequent angle board will also require sealant on the interlocking grooves.



Figure 3

6. With the interlocking groove filled, install each board to the previous, being sure to compress the sealant between the board being installed and the previously installed board. (Do not attempt to wipe away any overfilled sealant, as it is much cleaner to cut it away once it is fully cured.) Secure each board using standard fastening procedures outlined previously.
7. Once the decking is installed from both sides toward the angle, set your circular saw blade to a depth equal to the thickness of the decking (1 ¼"), and cut your boards back along a straight edge, leaving a gap of approximately 3 ¼" into which the Feature Strip will be placed. (Skip to Step 13)

If the angle is an inside corner (in which case the slope would shed water downhill toward the feature strip), please disregard steps 8 through 11, and proceed to step 12.

8. Once the decking installation has proceeded to the point where the boards will intersect the angle, cut each board to the approximate angle needed, and dry fit each board, being sure that it overhangs the edge of the deck so that it will be possible to cut a clean line along the deck edge after all decking has been installed.
9. Snap two chalk lines along the angle-ready structure approximately 3 ¼" apart. These lines will mark exactly where your angled board ends should be installed.

Sealing an Angled Deck Installation Instructions (cont'd)

10. Each angled board end should be treated as though it is being installed against the house; it is to be regarded as the high end of your slope. In this measure, place a generous dollop (or glob) of Lexel (or equivalent) into the drainage channel nearest the angle, to prevent water from being able to flow backwards out of the drainage channel. See Figure 4.



Figure 4

11. Install each angled board as you would in a normal installation, compressing the sealant in the drainage channel as each board is installed. After installation, be sure that there is a gap of approximately $3\frac{1}{4}$ " into which the Feature Strip will be placed.
12. Install flashing at the house-to-deck connection as prescribed in the DuxxBak® Dekk Installation Manual, taking care to extend the flashing and accompanying sealant completely to the gap between deck boards at the angle.
13. Place a generous bead of Lexel or other approved sealant on top of the decking approximately $\frac{1}{4}$ " back from your angled edges--on both sides--so that it will be compressed underneath a wing of the feature strip and on top of the flashing at the house. This will keep water from infiltrating underneath the feature strip.
14. Place the Feature Strip evenly along the angle cuts, taking care to firmly compress the sealant installed in Step 8 between the underside of the Feature Strip wings and the deck boards below.
15. Secure the Feature Strip using two #7 x 3" Genuine Green Bay Decking trim screws at each support block, which should be placed at 16", or less, on center. (It may be helpful to inconspicuously mark the placement of each block so that you can locate them once the Feature Strip has been placed. Be sure to only install screws through the closed cells of the Feature Strip. Do not insert screws through the Feature Strip wings.
16. Install flashing on top of the feature strip, at the house, as you would in a normal DuxxBak® Dekk installation.
17. Cut the overhanging boards at deck edge in a straight line and install the end caps per the DuxxBak® Dekk Installation Instructions.