

## **Installation Directions for LedgerShield**

1. Determine the location of your deck's Ledger Board installation. Remove existing exterior fascia (siding, etc.) as needed to expose the House Wrap underlayment.
2. After determining the location of the Ledger Board, mark or snap a chalk line 1.5 inches above the intended height of the Ledger Board.
3. Cut the House Wrap along this line, adding 4 inches to each end beyond the intended length of the ledger.
4. At the ends of the cut, insert a LedgerShield Joiner piece (Long-axis always oriented vertically) underneath the House Wrap to a depth of 2.5 inches. Use House Wrap Tape, nail, or staple to secure in place, ensuring any puncture will be covered either by the House Wrap or a Segment of LedgerShield.
5. Mark out all locations where a joiner will be necessary to marry two segments of LedgerShield together. Add Joiners/Corners as necessary (directions below). Insert and secure joiners under the House Wrap in the same fashion as above.
6. Apply silicone caulk to the joiners in the following manner: Starting one half-inch in on the short axis, apply four beads of silicone parallel with the long axis of the joiner (top to bottom) spaced 2 inches apart. Apply an additional bead of silicone along the seam that will be created by the segments.
7. Insert the top of the LedgerShield Segment (top has a strip of white co-extrusion) behind the house wrap along the length of the cut to the same depth as the joiners, and hold the segment in place, ideally with two people. Tack a nail or screw through the LedgerShield's white co-extrusion band at 6 inches from both ends and in the center.
8. Use House Wrap Tape to seal the House Wrap to LedgerShield for the entire length of the joint/seam along the horizontal cut, including the joiners at the ends. Apply a bead of silicone sealant to the ends of LedgerShield where it meets the joiners.
9. Place the deck Ledger Board between LedgerShield's top and bottom Z-Flashing, ensuring the board is snug under the drip edge of the top z-flashing. After ensuring the Ledger Board is in its proper location, use the manufacturer's Deck Ledger Board Screws or Lag Bolts to secure the ledger board in place. **NOTE: If you are using Lag Bolts that have machine threads, you must use silicone caulk prior to installing the Lag Bolts. The machine threads are too fine and the holes must be pre-drilled through the Ledger Board, through the Rim Joist and through the Interior Blocking. Squeeze the caulk gun until silicone is completely filling the pre-drilled hole from either the inside out, or outside in. When installing the lag nut and lock washer, the lock washer and nut must have silicone applied prior to tightening.**

### **Creating Inside or Outside Corners from Joiners:**

1. Simply find the middle of the short axis of the Joiner and use a straight edge to bend into the desired angle, up to 90 degrees.
2. Apply to the Inside or Outside Corners as a dry fit first, to make sure the bend is correct.
3. Apply the same Silicone caulk pattern as for the Joiners.
4. Install behind the house wrap as done for standard Joiners.