

Installation Directions for LedgerShield

1. Determine the location of your deck's Ledger Board installation.
2. Remove existing exterior fascia (siding, etc.) as needed to expose the house wrap underlayment.
3. After determining the location of the Ledger Board, mark or snap a chalk line 1 ½" above the intended height of the ledger board.
4. Cut the house wrap along this line.
5. At the ends of each cut, insert a LedgerShield Joiner piece (Long-axis always oriented vertically) behind the house wrap to a depth of 4.5 inches horizontally and 2.5 inches vertically. Use House Wrap Tape to secure in place.
6. Insert the top of LedgerShield (top has a strip of white co-extrusion) behind the house wrap along the length of the cut and hold the LedgerShield in place, ideally with two people. Tack a nail or screw through the house wrap and LedgerShield's white co-extrusion band, at both ends and in the center.
7. Add Joiners/corners as necessary (directions below).
8. Use house wrap tape to seal the house wrap to LedgerShield for the entire length of the joint/seam along the horizontal cut. Apply a bead of silicone sealant to the ends of LedgerShield where it meets the house wrap.
9. Place the deck Ledger Board between LedgerShield's top and bottom Z Flashing.
10. 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 Lexel 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.**

How to use Joiners:

1. For any place where two segments of LedgerShield meet up, dry fit a Joiner behind and between the two pieces of LedgerShield. Ensure at least 4.5" of the Joiner (9"x18") is behind each segment. If the fit is correct and aligned, remove the joiner and apply Lexel Silicone caulk in the following manner: Starting 0.5" in on the short axis, apply four beads of silicone parallel with the long axis of the joiner spaced 2" apart.
2. Insert the Joiner behind the LedgerShield segments as done during dry fitting, ensuring two of the four beads of silicone are set behind each LedgerShield segment. Apply an additional bead of silicone along the seam created by the segments.
3. Repeat as necessary to meet the overall length of the ledger board.

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 Lexel Silicone caulk pattern as for the Joiners.
4. Install behind the house wrap as done for standard Joiners.