

**Tools:** Scissors or utility knife, staple gun, caulk gun (Fig. 1).

**Prep:** Read all instructions completely before beginning. Place a midspan nailer on the underside of joist to keep them straight.

**Step One: Installing the TREX RainEscape® Downspout**

- Cut downspouts along one 12" or 16" side on score mark based on joist spacing (Fig. 2).
- Install all downspouts along rim joists and/or ledger board; cut-out side towards open deck bay (Fig. 3).
- Downspout should extend 1" into gutter: cut or extend as necessary.

**Step Two: Installing the TREX RainEscape® Trough**

- When working with the TREX RainEscape® trough material, ensure that the smooth/shiny side always faces up.
- Line up the 1 1/2" score with the second joist.
- At the ledger slide 3" of trough under existing siding or flashing ensuring trough sits on top of ledger board.
- Place first staple at ledger board on inside joist to tack trough (Fig. 4).
- Unroll trough to downspout using 1 1/2" score mark on inside joist as a general guide.
- To remove memory from sheet, backroll the last few inches of the trough (Fig. 5).
- Pull trough tight ensuring memory is released and place second staple on inside joist through downspout (Fig. 6).
- On outside joist, form a trough into downspout while lining up the edge of trough with outside of joist. Place third staple through trough and downspout on outside joist (Fig. 7).
- Pull corner at ledger and outside joist tight keeping entire length of trough smooth and wrinkle-free; place fourth staple on outside joist at ledger (Fig. 8).
- Cut length to back wall of downspout, cutting a 1" wide by 3/4" tab at center edge of trough (fold tab down) to prevent wicking (Fig. 9).
- To test for correct slope, pour cup of water on trough at ledger board ensuring water runs to downspout.
- Continuing stapling every 6" to 8" from ledger to downspout on both joists to secure.

**Step Three: Remaining Joists**

- Follow Step Two for remaining joists (Fig. 10).

**Step Four: Tape all Seams**

- Trim excess trough at seams, keeping overlap (Fig. 11).
  - Using TREX RainEscape® Tape, tape ALL seams, joints and perimeter (Fig. 12).
- NOTE: TREX RainEscape® Caulk can be used instead of tape, if preferred. If using caulk, caulk must be applied between ALL product overlaps and between product and decking on perimeter of deck.

**Do's**

DO make sure your joists are straight and square. Gutters should have outlets every 12' to 14'.

- After unrolling the trough pull to remove roll memory.

DO make sure the trough is wrinkle free and has proper fall to the downspout.

Check with local agencies for permits and codes prior to any electrical installation.

**Don'ts**

DO NOT staple TREX RainEscape® products anywhere other than over or into floor joists, ledgers, rim joists, headers, etc.

DO NOT use spiked hidden fasteners. Call TREX RainEscape (1-877-348-1385) for directions.

DO NOT stand anywhere other than directly on top of floor joists, ledgers, rim joists or headers as the TREX RainEscape® system **will not support you.**



For questions visit the TREX RainEscape website at [www.trex.com](http://www.trex.com) or call 720-348-1385 or 877-348-1385

**IMPORTANT: Water test prior to installation of decking and again after decking is installed.**