

# INSTALLATION INSTRUCTIONS (for standard rectangular decks)

For non-standard deck sizes or special features, please reference the installation guide or contact our Trex RainEscape Specialist at 1-877-348-1385.

# Trex<sup>®</sup> RainEscape<sup>®</sup>

DECK DRAINAGE SYSTEM

**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. **Do Not Seam Or Overlap The Troughs To Extend Its Length**
- 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 guide.
- 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. 5).
- To remove memory from sheet, backroll the last few inches of the trough (Fig. 6).
- Pull trough tight ensuring memory is released and place second staple on inside joist through downspout (Fig. 7).
- 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. 8).
- 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. 9).
- To test for correct slope, pour cup of water on trough at ledger board ensuring water runs to downspout.
- Continue 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 joist on perimeter of deck.

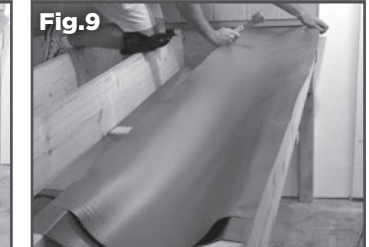
**DO'S**

- DO make sure your joists are straight and square.
- Gutters should have outlets every 12' to 14'.
- Make sure material is covered with decking.
- Make sure all joists and beams are covered with Trex RainEscape tape.

- 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 over drive double thread screws.
- 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**.
- DO NOT pre-drill decking on the Trex RainEscape product.



**For questions, visit our website at [trexrainscape.com](http://trexrainscape.com) or contact us at 1-877-348-1385**

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