

# INSTALLATION INSTRUCTIONS



**Trex RainEscape**  
DECK DRAINAGE SYSTEM

## FOR STANDARD RECTANGULAR DECK

### TOOLS:

- 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 1: INSTALLING THE TREX RAINESCAPE DOWNSPOUT

- Cut the downspout along one 12" or 16" side on score mark based on joist spacing (Fig. 2)
- Install all downspouts along one 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 2: 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.**
- If installing the system on 12" o.c. joist, cut the 1-1/2" score mark side back 4". Then align the left edge of the trough.
- Line up the 1-1/2" score with the second joist with the outside of the joist
- At the ledger, slide trough over the top of the 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 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 feet 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 12" to 16" from downspout to ledger on both joists to secure

### STEP 3: REMAINING JOISTS

- Follow step two for remaining joists (Fig. 10)

### STEP 4: TAPE ALL SEAMS

- Make sure tape completely covers all joists and seams or anywhere a screen/hidden fastener can penetrate the Trex RainEscape system

**NOTE:** When installing deck boards using a pneumatic screw system, use extreme caution to be plum to the joist. Carefully follow instructions on how to operate the gun and how to properly install deck fasteners

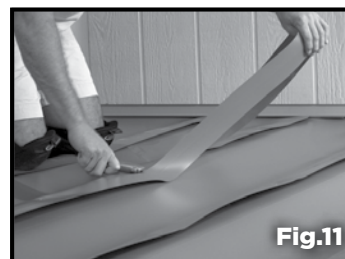
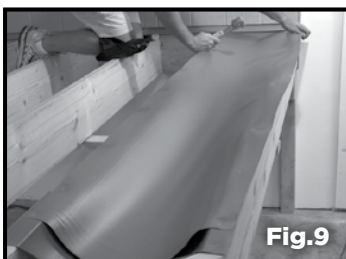
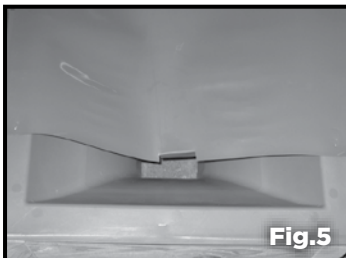
1. Ensure the screw is centered on the joist
2. If the trough or tape is torn during install, repair immediately
3. Ensure the deck board is secure to prevent movement while fastening

### DO'S

- ✓ **DO** make all joists straight & square
- ✓ **DO** add outlets to gutter every 12' - 14'
- ✓ **DO** cover all joists and blocking with trough material, then butyl tape
- ✓ **DO** cover the Trex RainEscape system with deck boards
- ✓ **DO** ensure the troughs and downspouts are dry and clear of debris before applying tape
- ✓ **DO** acclimate the trough before installing
- ✓ **DO** install the trough material with the shiny side up
- ✓ **DO** use Trex RainEscape products only
- ✓ **DO** use vertical screw flat bottomed clip (if using hidden fasteners)

### DON'TS

- ✓ **DO NOT** staple Trex RainEscape products anywhere other than into or over floor joists, ledger, rim joists, or headers
- ✓ **DO NOT** use spiked hidden fasteners, fasteners that go in at an angle, or any fastener without a flat base to provide pressure to butyl tape
- ✓ **DO NOT** pre-drill the deck boards while on the Trex RainEscape system
- ✓ **DO NOT** overdrive double thread screws
- ✓ **DO NOT** use Trex Protect tape or any other branded tape. Only use Trex RainEscape 4" tape.
- ✓ **DO NOT** stand anywhere other than the top of the floor joists, ledger, rim joists, or headers. The Trex RainEscape system can not support body weight.
- ✓ **DO NOT** use nails to attach the deck boards above the Trex RainEscape system
- ✓ **DO NOT** splice the trough material or it will need to be replaced



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

# THREE EASY WAYS TO MAKE SURE YOUR INSTALLATION GOES WELL

1

[www.trexrainesscape.com](http://www.trexrainesscape.com)

- How-to videos in English & Spanish
- Installation guide



SCAN FOR VIDEOS

2

## Contact Us

For non-standard deck sizes, special cases, or questions, contact a Trex RainEscape Specialist at [Pro2Pro@trexrainesscape.com](mailto:Pro2Pro@trexrainesscape.com) or call **1-877-348-1385**

**PRO-PRO**

INSTALLATION EXPERT

3

## Installation Sheet

- Included in each trough roll



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