

TREX SIGNATURE (formerly Reveal) POST

Installation Instructions for Pressure-treated Wood Framing and Concrete



INSTALLING SIGNATURE POSTS AND/OR SIGNATURE CROSSOVER POSTS ON WOOD

IMPORTANT NOTES:

- » EACH POST MUST BE ATTACHED AS SHOWN TO ENSURE A CODE COMPLIANT AND SAFE INSTALLATION.
- » SIGNATURE POSTS CANNOT BE USED WITH SIGNATURE TRADITIONAL OR SIGNATURE COCKTAIL DESIGNS, ONLY PRESSURE TREATED POST/POST SLEEVES CAN BE USED. REFER TO DETAILED INSTRUCTIONS FOR MORE INFORMATION.
- » ALWAYS refer to your local building code official prior to installing any railing system to ensure all code and safety requirements are met. Trex® cannot be held responsible for improper or non-recommended installations.
- » When installing Signature posts on ACQ, CCA or concrete surfaces, use an appropriate isolation barrier between post and surface (contact local building code official if needed).
- » For installing Signature Post and/or Signature Crossover Posts, see below.
- » For pressure-treated posts, post sleeves, and skirts, see detailed instructions provided with Signature Railing Kits.
- » All Signature stair installations require the use of a 53" (1346 mm) stair post, measured and cut to appropriate length if necessary.
- » If crossover stair post is required, use stair post (again cut to appropriate length if necessary) and use swivel crossover bracket.
- » If installing on concrete, make sure all surfaces are level.

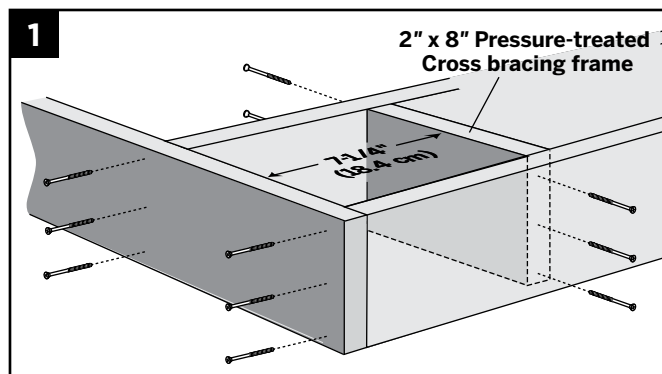
TOOLS AND MATERIALS NEEDED

- » Drill and/or screw gun (hammer drill for concrete)
- » 1/2" (13 mm) drill bit for wood, 3/8" (10 mm) drill bit for concrete
- » Blocking – 2" x 8" (51 mm x 203 mm) pressure-treated Southern Yellow Pine or equivalent
- » Qty: 36 (per post) – 3" pressure-treated compatible wood screws

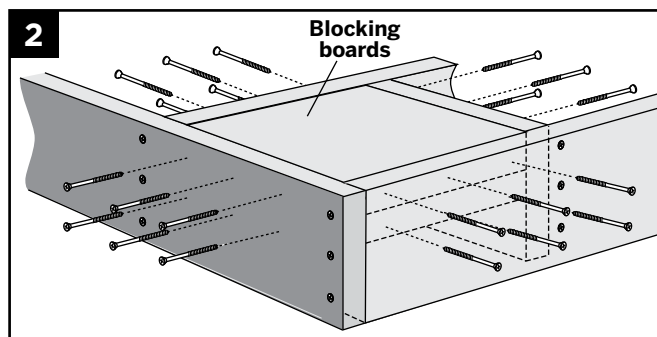
CODE APPROVED POST APPLICATIONS

POST SIZE	
< 30" height decking	Acceptable (Code Approval not Applicable)
IRC Compliant	Yes
IBC Compliant	No

Installing Signature Posts and/or Signature Crossover Posts on Pressure-treated Wood Framing (Corner Post Installation)



1. Install 2" x 8" (51 mm x 203 mm) cross bracing frame in between joists at 7-1/4" (184 mm). Attach a total of twelve 3" (76 mm) pressure-treated compatible screws (not provided).

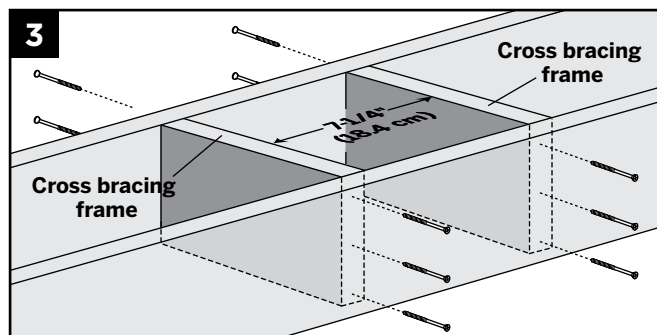


2. Install two 2" x 8" (51 mm x 203 mm) boards as blocking under post location. Securely attach blocking using a total of twenty-four 3" (76 mm) pressure-treated compatible screws (not provided).

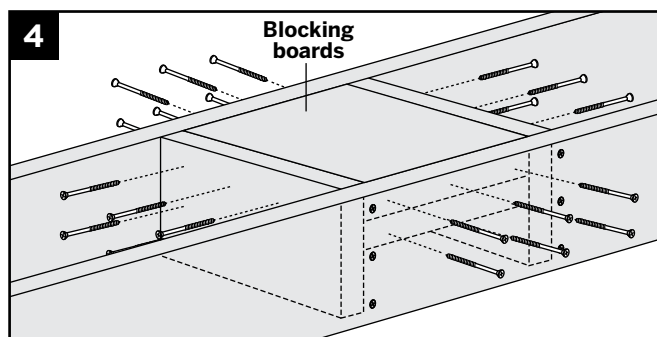
NOTE: TO ENSURE THE BLOCKING IS FULLY SECURE, USE THE AMOUNT OF SCREWS INDICATED ABOVE.

TIP: Use two additional screws to "sandwich" blocking boards together for easier attachment to framing.

Line Post Installation



3. Install two 2" x 8" (51 mm x 203 mm) cross bracing frames in between joists at 7-1/4" (184 mm). Attach a total of twelve 3" (76 mm) pressure-treated compatible screws (not provided).



4. Install two 2" x 8" (51 mm x 203 mm) boards as blocking under post location. Securely attach blocking using a total of twenty-four 3" (76 mm) pressure-treated compatible screws (not provided).

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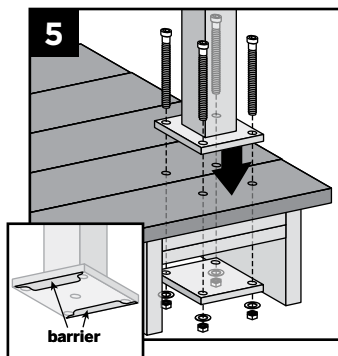
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INSTALLING SIGNATURE POSTS AND/OR SIGNATURE CROSSOVER POSTS ON WOOD

NOTES:

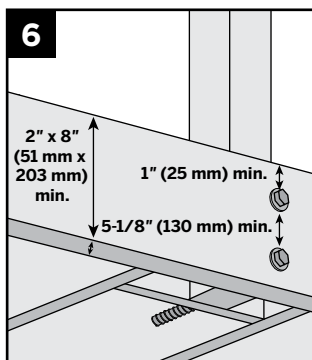
- » Rim joist removed to show proper attachment of hardware.
- » **Metal backplate is only required for 2.5" (64 mm) post in IRC installations.** (Consult local code official for more information.)

5. Insert (2) stainless steel barrier strips under mounting bolt holes. Use composite shims or similar material (*not provided*) if posts are not plumb. Ensure that post is placed on decking surface so it clears rim joist and there is enough clearance on underside blocking for back plate to be installed. Attach posts using four 3/8" x 6" (10 mm x 152 mm) hex cap bolts, washers, and nuts, along with using aluminum back plate on underside of blocking (back plate only required for 2.5" [64 mm] posts). Back plate **MUST** be installed under decking to ensure this will meet code compliance. Reference Trex SKU part number ALPOSTHWDECK for required hardware and aluminum plate.



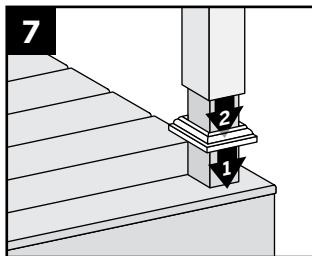
Installing Pressure-treated Posts, Post Sleeves, and Skirts to Use with Signature Railing

6. Attach posts using 1/2" (13 mm) carriage bolts.
- » Minimum joist size is 2" x 8" (51 mm x 203 mm).
 - » Top bolts must be 1" (25 mm) from top of joists.
 - » Bottom bolts must be 5-1/8" (130 mm) from top bolts.



NOTE: Blocking can be added for extra strength.

7. Slide post sleeve skirt over post and down to rest on decking surface. Slide post sleeve over post and position inside post sleeve skirt.



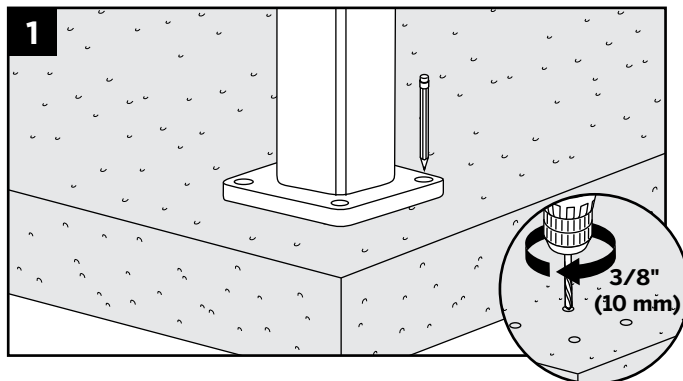
NOTE: Shims can be used to plumb post sleeves.

2

INSTALLING SIGNATURE POSTS ON CONCRETE

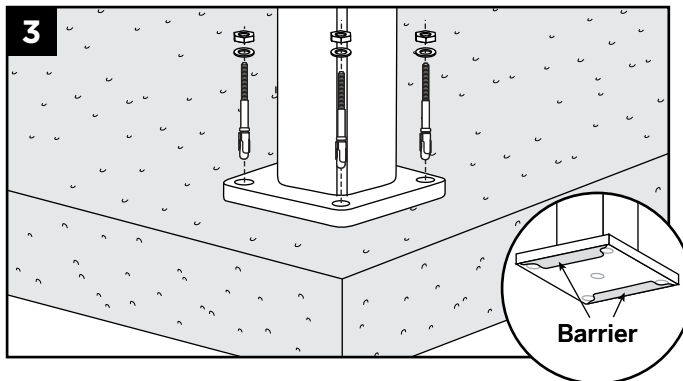
Pre-drill Hole

1. Using post as a template, mark locations of the four holes and drill into concrete at least 2-5/8" (67 mm) using a 3/8" (10 mm) masonry bit.



NOTE: You can either set drill bit to correct depth on drill or mark drill bit with tape at required dimension to ensure all holes are drilled at correct depth

2. Clean out holes to remove all concrete dust using a shop vacuum or other appropriate tool.



3. Insert (2) stainless steel barrier stripes under mounting bolt holes. Use appropriate shims if posts are not plumb. Attach posts using four TREX SUPPLIED 3/8" x 3-3/4" (10 mm x 95 mm) wedge anchors. Reference SKU part number ALPOSTHWCONC for required hardware (wedge anchors, washers, and nuts).

NOTES:

- » When using hammer to tap anchors in place, keep threaded nut at top of anchor in order to not damage threads.
- » Recommended torque for anchors is 20 ft-lbs.