
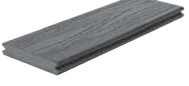

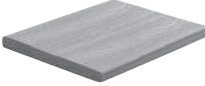
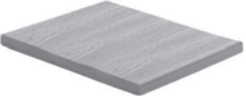



DECKING

Trex Decking, Porch Flooring & Fascia

Beginning April 1st, 2018, all **Transcend Fire Pit** and **Tree House** deck boards and fascia will move to **non-stock** status.

PROFILE	DESCRIPTION	ITEM NUMBER	COLORS
1" Square-Edge Board <i>Actual dimensions:</i> Transcend & Enhance: .94 in x 5.5 in x 12 ft / 16 ft / 20 ft (24 mm x 140 mm x 365 cm / 487 cm / 609 cm) Select: .82 in x 5.5 in x 12 ft / 16 ft / 20 ft (20 mm x 140 mm x 365 cm / 487 cm / 609 cm)		1 x 6 x 12' Transcend XX010612TS01 1 x 6 x 16' Transcend XX010616TS01 1 x 6 x 20' Transcend XX010620TS01 1 x 6 x 12' Enhance XX010612ES01 1 x 6 x 16' Enhance XX010616ES01 1 x 6 x 20' Enhance XX010620ES01 7/8 x 6 x 12' Select XX010612SS01 7/8 x 6 x 16' Select XX010616SS01 7/8 x 6 x 20' Select XX010620SS01	HG, IM, LR, SR, TT, FP, GP, RS, TH, VL BD, CS, SD MB, PG, SD, WG, WB
1" Grooved-Edge Board <i>Actual dimensions:</i> Transcend & Enhance: .94 in x 5.5 in x 12 ft / 16 ft / 20 ft (24 mm x 140 mm x 365 cm / 487 cm / 609 cm) Select: .82 in x 5.5 in x 12 ft / 16 ft / 20 ft (20 mm x 140 mm x 365 cm / 487 cm / 609 cm)		1 x 6 x 12' Transcend XX010612TG01 1 x 6 x 16' Transcend XX010616TG01 1 x 6 x 20' Transcend XX010620TG01 1 x 6 x 12' Enhance XX010612EG01 1 x 6 x 16' Enhance XX010616EG01 1 x 6 x 20' Enhance XX010620EG01 7/8 x 6 x 12' Select XX010612SG01 7/8 x 6 x 16' Select XX010616SG01 7/8 x 6 x 20' Select XX010620SG01	HG, IM, LR, SR, TT, FP, GP, RS, TH, VL BD, CS, SD MB, PG, SD, WG, WB
1" Grooved Porch Floor Board <i>Actual dimensions:</i> .94 in x 4.5 in x 12 ft / 16 ft (24 mm x 114 mm x 365 cm / 487 cm) Can also be used for decking applications.		1 x 4.5 x 12' Transcend Porch XX010512TP01 1 x 4.5 x 16' Transcend Porch XX010516TP01	GP, SR
1" x 8" Fascia <i>Actual dimensions:</i> Transcend, Enhance, Select, Universal White: .56 in x 7.25 in x 12 ft (14 mm x 184 mm x 365 cm)		1 x 8 x 12' Transcend XX010812TS01 1 x 8 x 12' Enhance XX010812ES01 1 x 8 x 12' Select XX010812SS01 1 x 8 x 12' Universal White WW010812ES01	HG, IM, LR, SR, TT, FP, GP, RS, TH, VL BD, CS, SD MB, PG, SD, WG, WB WOOD GRAIN WHITE
1" x 12" Fascia <i>Actual dimensions:</i> Transcend, Enhance, Select, Universal White: .56 in x 11.375 in x 12 ft (14 mm x 288 mm x 365 cm)		1 x 12 x 12' Transcend XX011212TS01 1 x 12 x 12' Enhance XX011212ES01 1 x 12 x 12' Select XX011212SS01 1 x 12 x 12' Universal White WW011212ES01	HG, IM, LR, SR, TT, FP, GP, RS, TH, VL BD, CS, SD MB, PG, SD, WG, WB WOOD GRAIN WHITE
2" Square-Edge Board <i>Actual dimensions:</i> Transcend 2x4: 1.3 in x 3.4 in x 16 ft (33 mm x 86 mm x 487 cm) Transcend & Select 2x6: 1.3 in x 5.5 in x 12 ft / 16 ft / 20 ft (33 mm x 140 mm x 365 cm / 487 cm / 609 cm)		2 x 4 x 16' Transcend XX020416TS01 2 x 6 x 12' Transcend XX020612TS01 2 x 6 x 16' Transcend XX020616TS01 2 x 6 x 20' Transcend XX020620TS01 2 x 6 x 12' Select XX020612SS01 2 x 6 x 16' Select XX020616SS01 2 x 6 x 20' Select XX020620SS01	HG, IM, LR, SR, TT HG, IM, LR, SR, TT MB, PG, SD, WB
XX = COLOR PREFIX: HG Havana Gold SR Spiced Rum GP Gravel Path VL Vintage Lantern SD Saddle BD Beach Dune IM Island Mist TT Tiki Torch RS Rope Swing MB Madeira WG Winchester Grey CS Clam Shell LR Lava Rock FP Fire Pit TH Tree House PG Pebble Grey WB Woodland Brown			

TREX HIDEAWAY [®] HIDDEN FASTENING SYSTEM	DESCRIPTION	ITEM NUMBER
Connector Clip (stainless steel)	50 sq. ft (4.6 sq. m) box	CONNECTCLIP
Gun Pail	500 sq. ft (46.5 sq. m) bucket	CLIPPAIL
Universal Starter Clip	500 sq. ft (46.5 sq. m) bucket with collated pneumatic screws	GUNCLIP
Universal Fastener (glass-filled nylon)	400 sq. ft (37 sq. m) bag	UNIVSTARTCLIP
Router Bit	50 sq. ft (4.6 sq. m) box	UNIVCONCLIP
	500 sq. ft (46.5 sq. m) bucket	DA00002
	Router Bit	ROUTBIT

NOTE: Construction methods are always improving. Please refer to www.trex.com for the most up-to-date installation requirements.

DECKING AND FASCIA RECOMMENDED FASTENERS

If any condition occurs which is attributable to the use of non-recommended fasteners, such condition shall not be covered under the Trex Limited Warranty.

		Transcend®	Enhance	Select	Escapes
RECOMMENDED FASTENERS	DECKING				
	Trex Hideaway® Universal Hidden Fastener	X	X	X	X
	Trex Hideaway® Connector Clip	X	X		X
	TigerClaw® TC-G Hidden Fastener			X	
	FastenMaster® TrapEase 3 Ultimate Composite Deck Screw	X	X	X	X
	Simpson Strong Tie Deck Drive™ DCU Composite Screw (Collated and Handdrive) DCU Screw Plugs can also be used (must use Auto-Set Drive Bit)	X	X	X	
	Quick Drive® Composi-Lok Deck Screw	X	X	X	
	Dexxter® Composite Screw – 6 Lobe Drive Only	X	X	X	
	SplitStop™ Titan III Composite Screw	X	X	X	
	FastenMaster® TrimTop Screw				X
	Scrudi™ Hand Drive Screws				X
	Camo™ Marksman Pro®				X
	Starborn® Cap-Tor® xd - Epoxy Coated and Headcote® Stainless(available collated for Muro CH7390 Driver***) (2" are approved for sleeper and roof top applications only)	X	X	X	X***
	Starborn® Pro-Plug® System for PVC and Composite (available collated for Muro CH7390 Driver***) (2" are approved for sleeper and roof top applications only)	X	X	X	
	Screw Products C-Deck Exterior Star Drive Composite Deck Screw	X	X	X	
	Phillips II Plus® Pozisquare	X	X		
	Cortex® Concealed Fasteners*	X	X	X	
	Muro® T-Screw Torx Stainless Steel Screw – Collated (TX0212SFD or M-TX0300SEP)	X	X	X	
	Kameleon™ GRKFasteners™			X	
	FASCIA				
	Starborn® DeckFast® Fascia System - Epoxy Coated* and HeadCote® Stainless*	X	X	X	
	SplitStop™ Fascia Screws* (uses SplitStop™ Fascia Bit)	X	X	X	
	Simpson Strong-Tie Fascia Board Screw*	X	X	X	

NOTES:

- » 2-3/4" or 3" screws can be used with Trex 2x6 product.
- » Muro T-Screw M-TX0300SEP listed above is approved for 2x6 decking (can also be used with standard 1" (decking as listed above). This screw is collated and can be used with Muro Auto Feed Screw Gun FDVL41 Speed Driver. (**NOTE: THIS IS NOT A COLOR-MATCH SCREW.**)
- » All decking products are approved for use with Trex Hideaway Hidden Fasteners, thus all decking products can be routed according to our instructions.
- » Simpson Strong-Tie Deck Drive DCU Composite Screw in collated versions works with Quik Drive gun.
- » * Fascia system screws listed above **can only be used with composite fascia profiles**, and cannot be used with standard thickness decking boards used as fascia. Use stainless steel screws near water applications.
- » ** Not for use with sleeper systems. Refer to FastenMaster® literature for more information.
- » ***Collated Cap-Tor xd products cannot be used with Trex Escapes.

FastenMaster® TrapEase® II, TrapEase® 3, FastenMaster® TrimTop™, and Cortex® are registered trademarks of OMG, Inc.

Camo® and Marksman Pro® are registered trademarks of National Nail Corp.

Quik Drive® and Dexxter™ are registered trademarks and Composi-Lok™ is a trademark of Simpson Strong-Tie Company, Inc.

NailScrews® is a registered trademark of Universal Fastener Outsourcing, LLC.

Scrudi™ is a trademark of Swan Secure Products, Inc.

DeckFast® Cap-Tor® xd and HeadCote® Cap-Tor® xd are registered trademarks of Starborn Industries Inc.

C-Deck Exterior Star Deck Composite Deck Screw is a product of Screw Products Inc.

Phillips II Plus® is a registered trademark of Phillips Fasteners LLC.

SplitStop™ screws are a registered trademark of Titan Metal Werks, Inc.

Trex recommends the use of two screws per joist.

All recommended screws are designed to be installed flush with decking surface. **DO NOT countersink screws.**

Use recommended stainless steel screws in any areas near bodies of saltwater.

MINIMUM FASTENER SIZE		
SCREWS		
Profile	Length	No.
1x6	2-1/2" or 2-3/4"	#8, #10
2x6	2-3/4" or 3"	#8, #10

TREX® FASCIA INSTALLATION RECOMMENDATIONS

Trex Fascia utilized around the perimeter of a deck must be gapped with the same requirements as Trex decking to allow for air flow and expansion/contraction of the fascia.

When Using Approved Fascia Fasteners:

NOTE: The fasteners listed below can only be used with 1x8 or 1x12 fascia product, and cannot be used with decking product that is being used as fascia trim or stair risers.

Trex recommends the use of Starborn® DeckFast® Fascia System, SplitStop™ Fascia Screws or Simpson Strong-Tie® Fascia Board Screws, for all composite Trex fascia profiles.

For near water applications, you can also use Fascia System HeadCote® stainless steel screws. Refer to manufacturer recommendations for specifics if this is required.

Always refer to manufacturing instructions first for installation methods. If instructions are not specific, refer to the below diagram. Always remember to gap fascia properly. A secondary glue is not required when using these fasteners.

NOTE: The above fasteners can ONLY be used with fascia profiles. If using deck boards as fascia, refer to the recommendations in next column on this page.

Optimal installation method (*not shown*) is using square edge decking as a border, overlapping the rim joists approx. 1" in picture framing pattern around decking perimeter. This will allow fascia to be installed UNDER the square edged decking, adding protection to the fascia/ framing seam and hiding the board ends from view. This optimizes both fascia performance as well as the aesthetics of the installation.

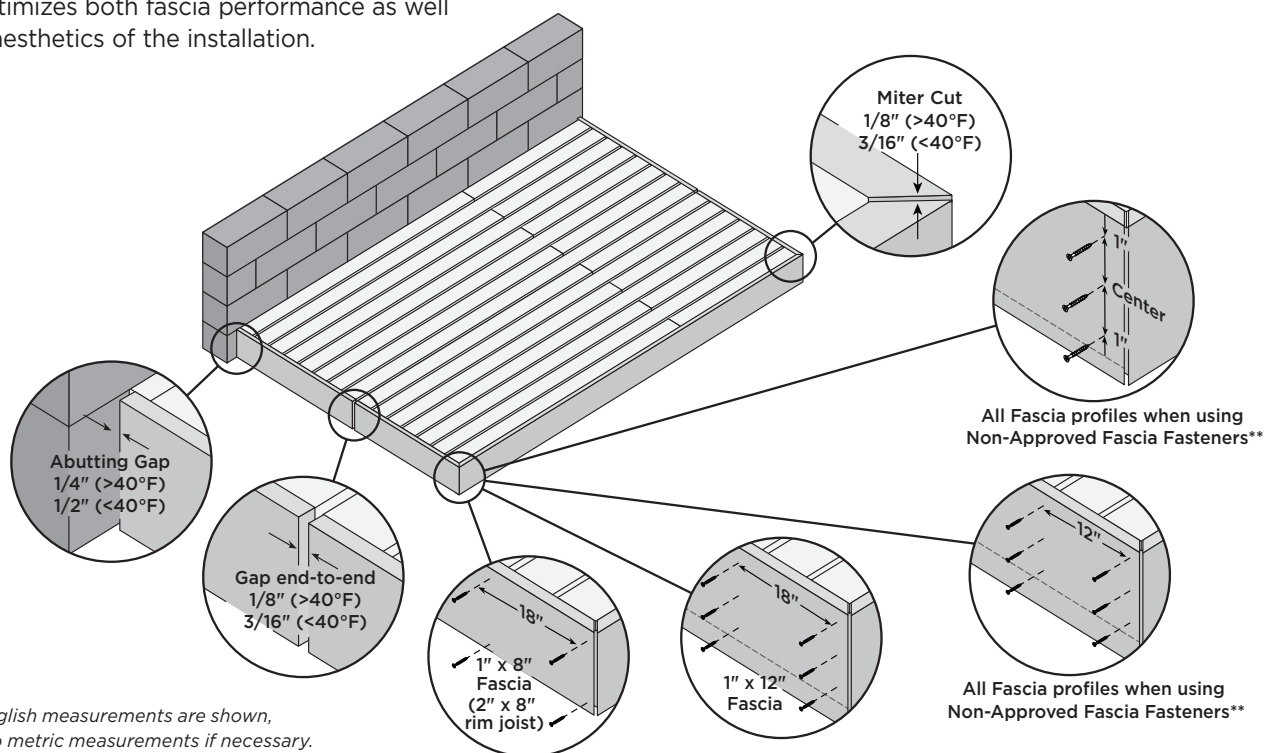
TIPS:

- » 10" rim joists (represented below unless noted) allow for an easier and more aesthetically pleasing installation.
- » Miter cuts at butt joints and corners allow for a more aesthetically pleasing installation (end-to-end gapping rules still apply).

If Using other Fasteners and/or Using Decking product in Fascia/Stair Riser Applications:

While Trex prefers the previous methods of attachment, as these are the very best options, there are also other recommendations that can be followed for fascia or deck boards being used for fascia. Use three Trex recommended composite decking screws every 12". *ALWAYS refer to manufacturer instructions to ensure that recommended screws can be used for fascia applications.* The top screw should be placed 1" from the top of the **rim joist**, the second screw in the center of the rim joist, and the third screw 1" from the bottom of the **rim joist**.

****IN ADDITION**, also use a weather-resistant, construction-grade adhesive (adhesives that work with wood will work with Trex products) as a **SECONDARY** fastener when attaching fascia. *Remember to wipe away any excess before it dries or is allowed to drip on other Trex surfaces.*



NOTE: English measurements are shown, convert to metric measurements if necessary.

FRAMING AND FASTENING TIPS

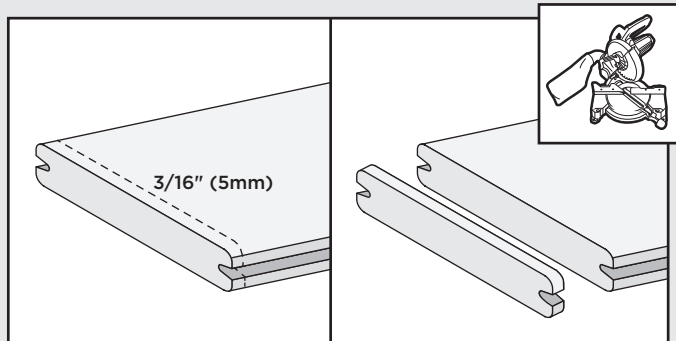
FASTENING TIP FOR TREX ESCAPES, TREX TRANSCEND, TREX ENHANCE, AND TREX SELECT

NOTE: When using pneumatic or battery-operated equipment, adjust the pressure so that you only shoot the head of the screw to be flush with the board's cap. **DO NOT** shoot the fastener head completely through the shell.

TREX PRODUCTS NEAR LOW-E WINDOWS

Low-E glass reflects more sunlight, and it has been observed that the extra reflectivity combined with any concavity in the glass can act like that of a concave mirror, concentrating sunlight onto outdoor objects, including that of decking and railing. This can result in an extreme amount of heat concentrated on areas of the decking surface, which, in turn, can sometimes char the decking surface or cause the decking to slightly bow.

CLEAN CUT BOARDS



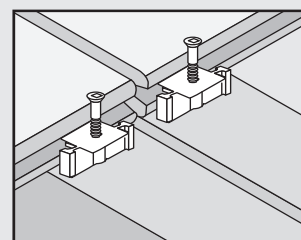
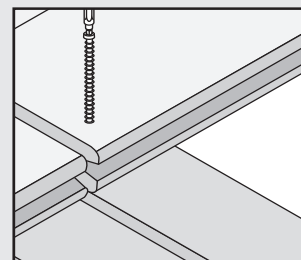
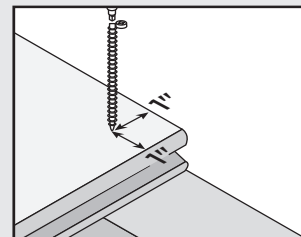
It is recommended to clean cut boards on both ends minimum 3/16" (5mm).

Composite decking is a great alternative to traditional wood decking. When building your deck and railing, it is recommended that code-approved structural material be used as the framing and joists. One option is using Trex Elevations® steel deck framing. Refer to www.trex.com for more information on Trex Elevations. Check your local building codes for restrictions. Trex decking cannot be used for structural applications. **Do not** attach Trex decking directly to any solid surface or watertight system.

In most cases, install fasteners at a 90° angle (perpendicular to the board).

At board ends on the deck's edge, you can install screws placed perpendicularly at the recommended distance, at minimum of 1" (25mm) from the board end and edge, without splitting the board.

For butt joints, where boards meet over a single joist, add a 2" x 4" "nailer" board at the butt joint. This allows screw-in at 90 degrees and allows fasteners to be used at end of each board.



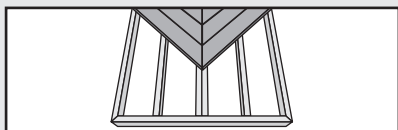
DOCK APPLICATIONS

Trex decking contains no materials that will harm marine life and is safe for the environment. As long as dock is in intermittent contact with water, i.e., splashing and not in continuous direct contact with water, the durability of the Trex decking should not be affected.

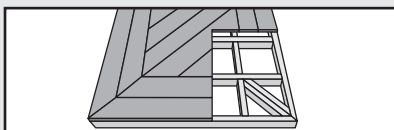
For docks, a 3/8" (10mm) width-to-width gap between boards is recommended to allow for increased drainage due to increased contact with water. In addition, stainless steel fasteners should be used. If there is sufficient contact between the dock and gasoline, grounding of the dock is also recommended.

Special Patterns

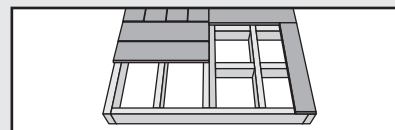
When planning a unique pattern, you will need to adjust the framing to support the surface pattern. Many decks are designed to take advantage of angles, as shown below.



Herringbone Pattern



Picture Frame Pattern

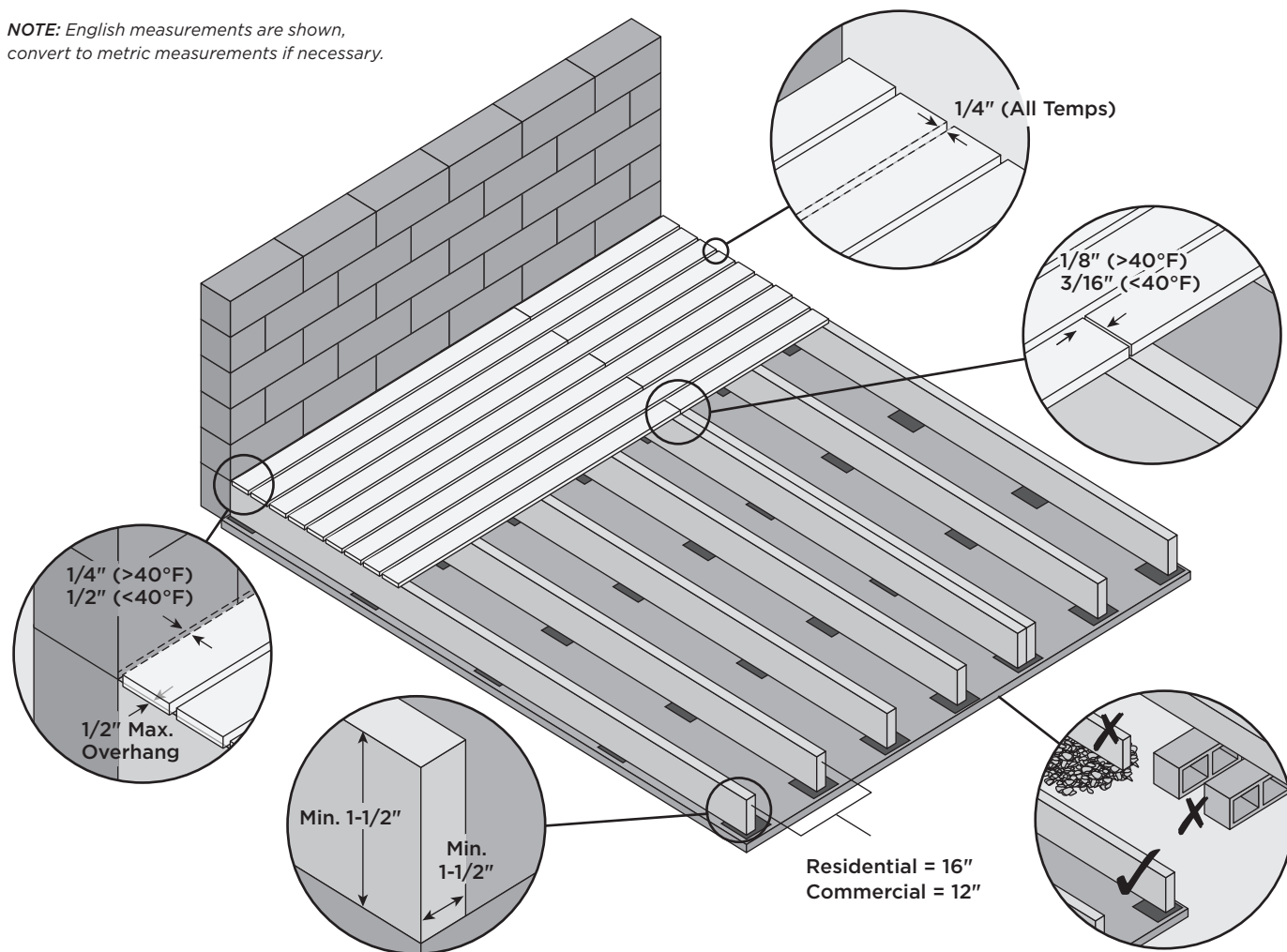


Tile Pattern

ROOFTOP AND SLEEPER DECK SYSTEMS-PRESSURE TREATED FRAMING

A sleeper system is a substructure between a solid surface and Trex decking. Drainage, access, and airflow are critical. Water must be able to flow through and away from the deck. For repairs and removal of debris, joist system access may be necessary.

NOTE: English measurements are shown, convert to metric measurements if necessary.

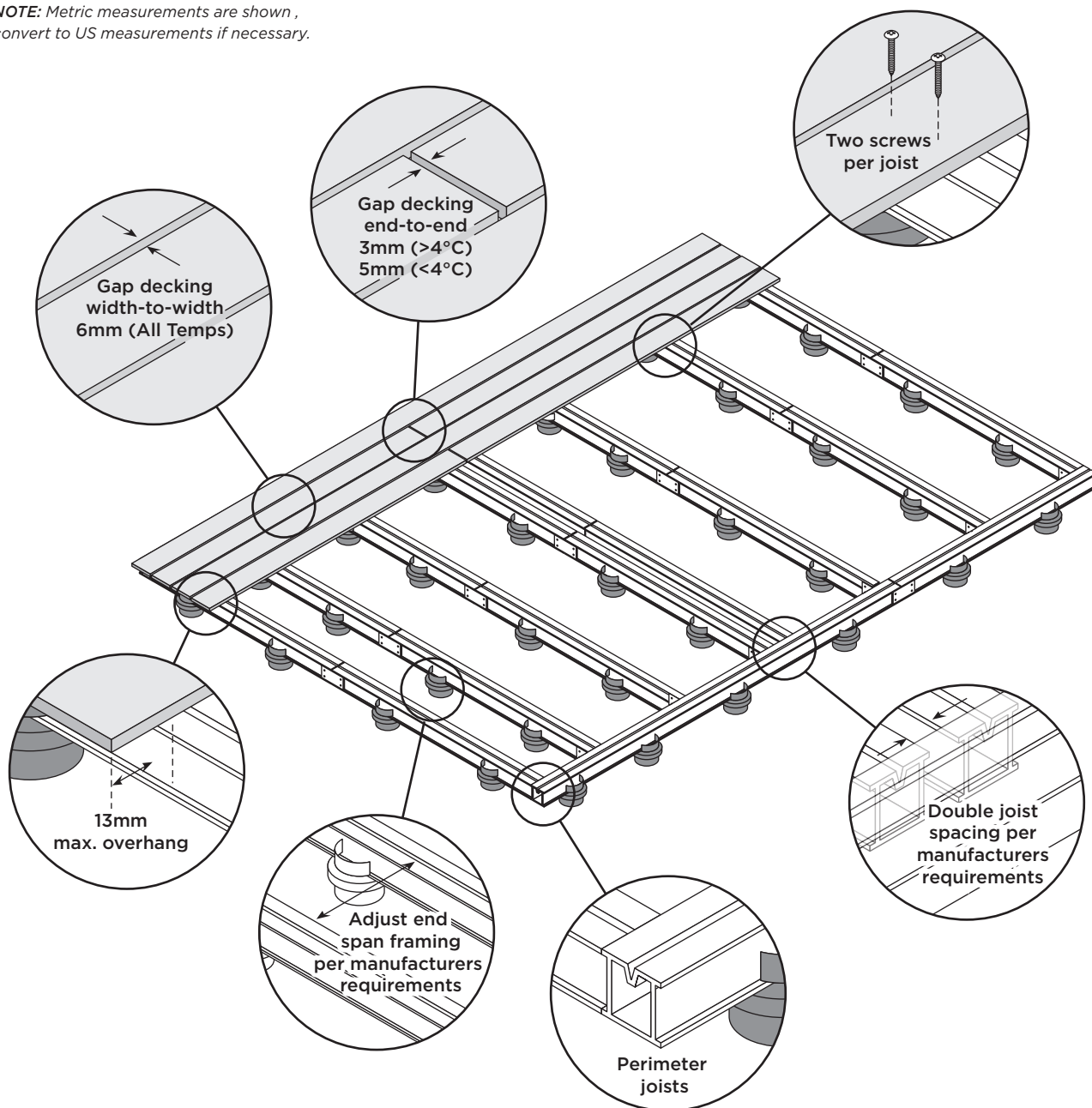


- » It is recommended that building-code-approved structural material be used as the supports.
- » This system should not be allowed to float; it must be attached in a manner that secures the framing/system.
- » The sleeper system must be level and have no uneven undulations. Any uneven areas of the substructure will transfer to the Trex decking, resulting in uneven decking.
- » Trex, when used with a sleeper system, must be supported below its entire length. If using in a roofing application, the supports must run the direction of the pitch of the roof to facilitate proper drainage. Sleeper should be placed perpendicular to the deck board orientation.
- » For commercial applications, consult a local building code official for specific requirements.
- » If installing decking at an angle, decrease spans 4" (100 mm) for each of the above. (12" (305 mm) for residential and 8" (204 mm) for commercial.)

- » For sleeper systems where small debris (pine needles, leaves, sand, dirt) can accumulate either between or under deck boards, a minimum of 1-1/2" (38mm) height is allowable. Trex recommends the use of Trex Universal Hidden Fasteners or 2" Starborn Cap-Tor® xd - Epoxy Coated screws. **(NOTE: Trex recommended composite decking screws are too long when using 1-1/2" (38 mm) height as this will penetrate through the sleeper.)** For areas with the potential for debris buildup, a minimum 3-1/2" (89 mm) or greater height is recommended to allow the debris to be removed along with the use of either Trex Universal Hidden fasteners or any Trex recommended screws.
- » **Always** consult your local building code authority for proper details on roof and railing installation to the roof structure if required.
- » Any deviation from these recommendations could result in the voiding of the Trex warranty.

METAL FRAMING REQUIREMENTS AND GAPPING

NOTE: Metric measurements are shown ,
convert to US measurements if necessary.



NOTES:

- » When using an aluminum framing system or other type of metal for sleeper systems, follow manufacturer's instructions for proper installation.
- » Depending on type of structure being used, different types of fasteners must be used for attachment.
- » When using screws to attach decking to framing, use two screws per every joist.

CODE COMPLIANCE

Joist Spanning for Decking

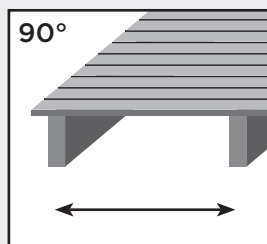
Trex decking meets all applicable national model building codes. The joists must be spaced on center according to the chart below. Be sure that joists are level and plumb. Trex decking must span at least three joists. For heavy items such as hot tubs, planters, etc., consult a local building engineer or inspector for span recommendations. If you want to minimize the appearance of joists through the spaces between boards, paint the top of your joists black.

Code Listings

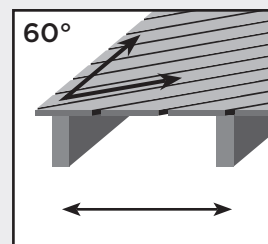
Trex complies with major model building codes and has been evaluated by the International Code Council evaluation service.

For a Safety Data Sheet (SDS), please visit WWW.TREX.COM

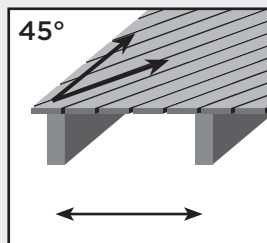
ADJUST JOIST SPANNING TO ACCOMMODATE ANGLED DECKING PATTERNS



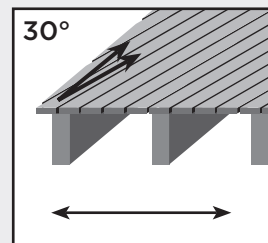
Perpendicular to joists.
See chart below.



At a 60° angle, maximum joist spanning is 2" (51 mm) less than listed in the chart below.



At a 45° angle, maximum joist spanning is 4" (102 mm) less than listed in the chart below.



At a 30° angle, maximum joist spanning is 1/2 of the distance listed in the chart below.

TREX DECKING SPAN CHART (On Center)

	Residential Decks, Light Duty Docks, Residential/Day Care Playground	Commercial Decks, Boardwalks and Marinas
Decking Loading	100 psf = 4.8 kN/m ²	100 psf = 4.8 kN/m ² 200 psf = 9.5 kN/m ²
1" (25 mm) Boards (including Porch), and .875" (22 mm) Select Boards	16" (406 mm)	16" (406 mm) 12" (305 mm)
2" x 6" (51 mm x 152 mm) Boards	24" (610 mm)	24" (610 mm) 16" (406 mm)

TREX RAILING SPAN CHART

Maximum Railing Span for all Applications	
Transcend, Select railing, and Trex® Signature™ railing	96" on center (2438 mm) for Transcend, 72" on center (1829 mm) for Select, 96" (2438 mm) clear span for Trex® Signature™

GAPPING and OVERHANG

You must gap Trex decking, both end-to-end and width-to-width. Gapping is necessary for drainage and the slight thermal expansion and contraction of Trex decking boards. Gapping also allows for shrinkage of the wood joist system.

- » **ALWAYS** follow Trex-recommended gapping guidelines.
- » Maximum allowable perpendicular overhang for all Trex decking is 1/2" (13 mm).
- » All decks require air circulation to keep them dry and looking good. To improve air flow, leave openings under the decking or increase gapping to 3/8" (10 mm).

WIDTH-TO-WIDTH GAP

1/4" (6 mm)

*Temperature at installation.

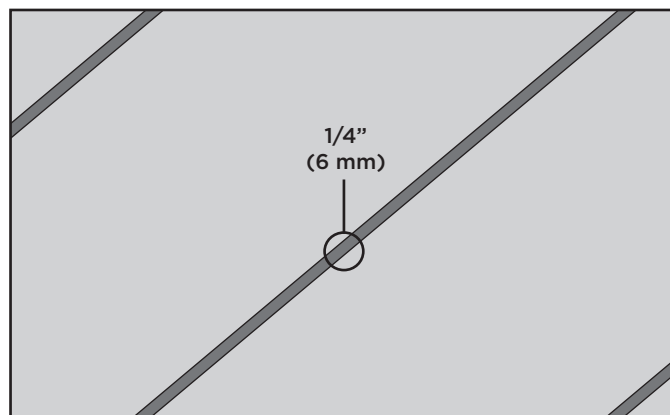
END-TO-END/END-TO-WIDTH AND ABUTTING GAP

	End-to-End/ End-to-Width	Abutting Gap
Above 40°F* (4.5°C)*	1/8" (3 mm)	1/4" (6 mm)
Below 40°F* (4.5°C)*	3/16" (5 mm)	1/2" (13 mm)

*Temperature at installation.

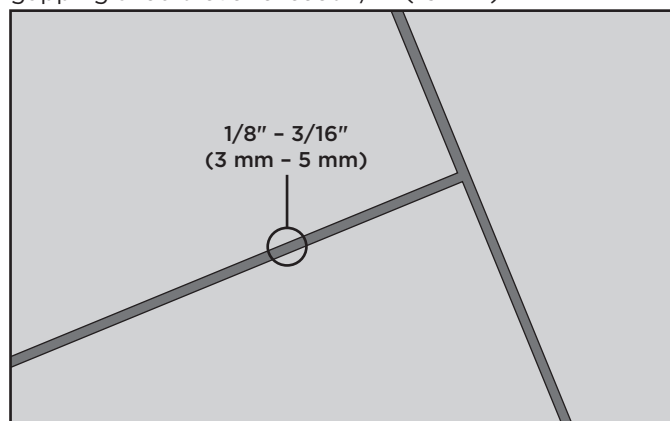
When you use the recommended hidden fasteners, the placement of the hidden fastener establishes the designated gap size.

When installing fascia, gapping rules must apply.



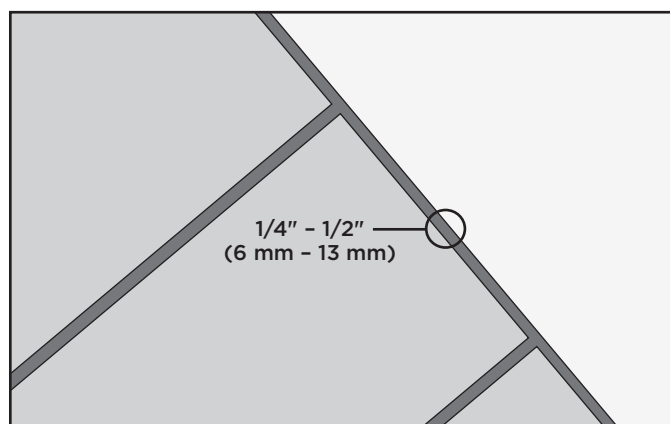
Width-to-Width

The minimum required width-to-width gapping is 1/4" (6 mm). This is allowed for both hot and cold weather installations. For docks and heavily wooded areas, Trex recommends a 3/8" (10 mm) gap as well. No gapping should ever exceed 1/2" (13 mm).



End-to-End/End-to-Width

Gap Trex decking end-to-end, based upon the temperature at installation. See chart at left. For fastening tips, see page 26.

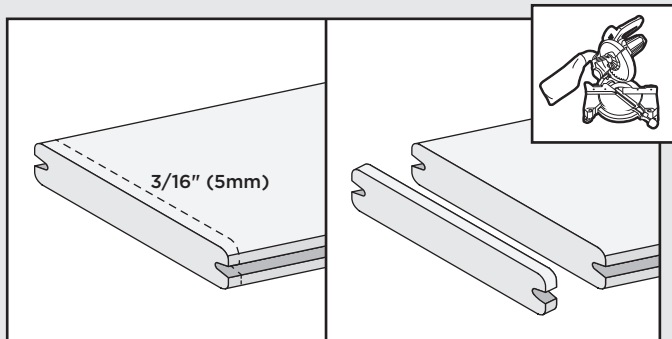


Abutting Solid Objects

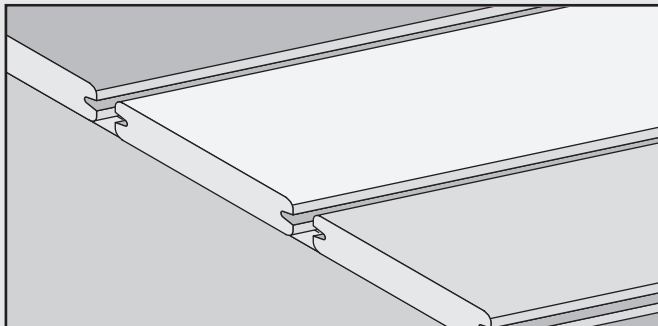
When decking is abutting a wall, you must also gap it 1/4"-1/2" (6-13 mm) depending on the temperature at installation. See chart at left.

IMPORTANT NOTES BEFORE INSTALLING TREX DECKING

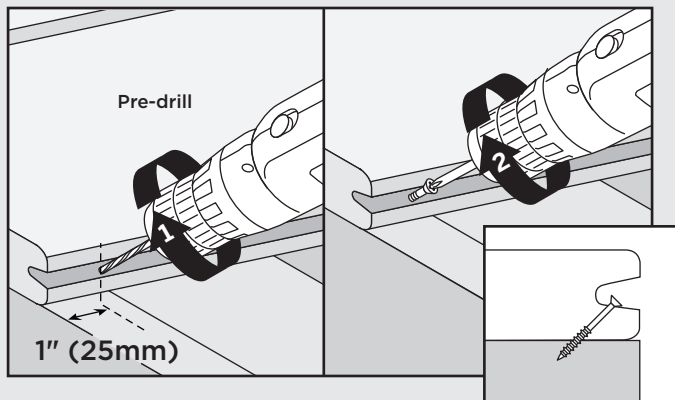
It is recommended to clean cut boards on both ends minimum 3/16" (5mm).



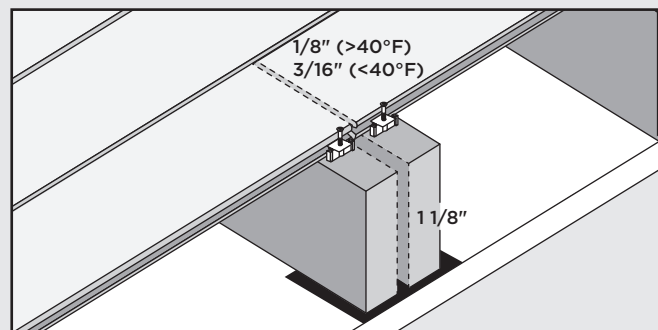
To ensure an appealing mix of color tones, mix and match all boards prior to installation.



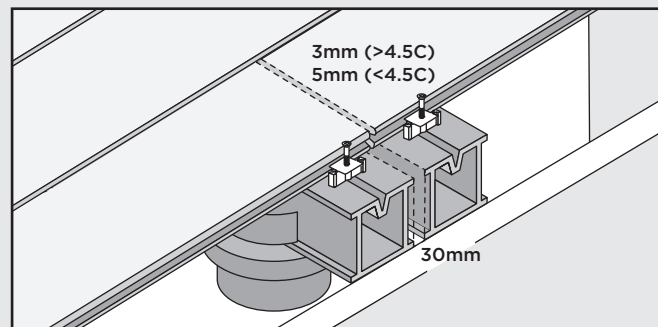
If installing in localities prone to large temperature shifts within a 24-hour period and installing Trex Universal Hidden Fasteners, also predrill and toenail a screw (use same screw used in hidden fasteners) at an angle in groove at both ends (at least 1" (25mm) from board end) and center of each board.



Abutted Board Attachment Requirements



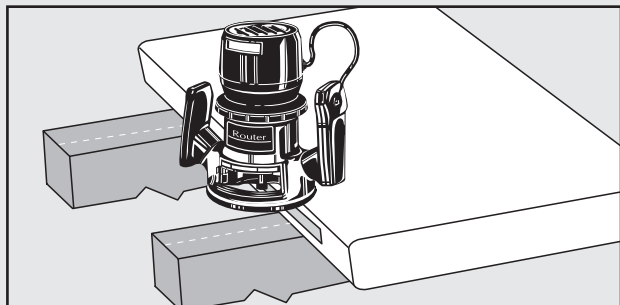
Metal Framing



NOTE: HIDDEN FASTENERS MUST BE USED AT EVERY JOIST.

Routing Square Edge Boards for Trex Hideaway Hidden Fasteners

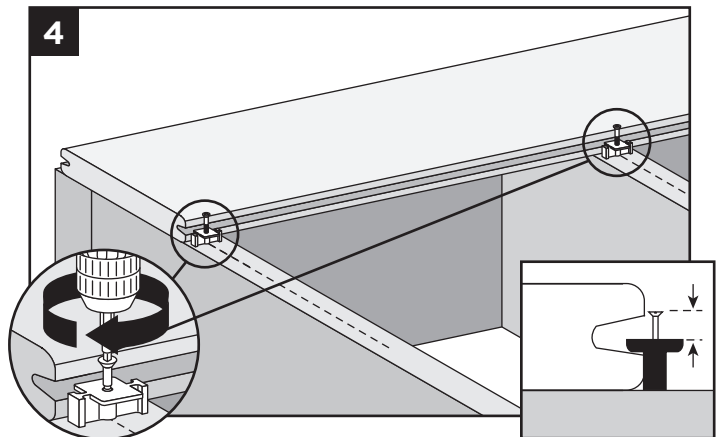
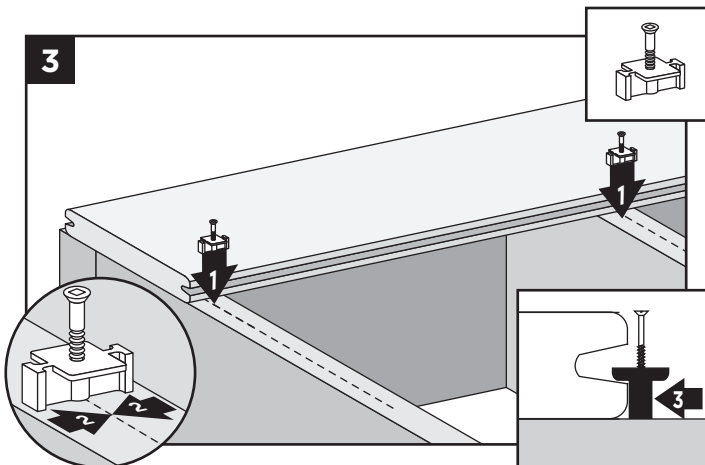
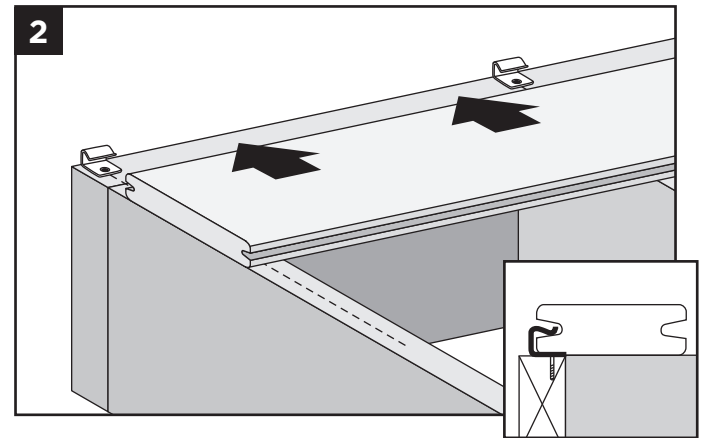
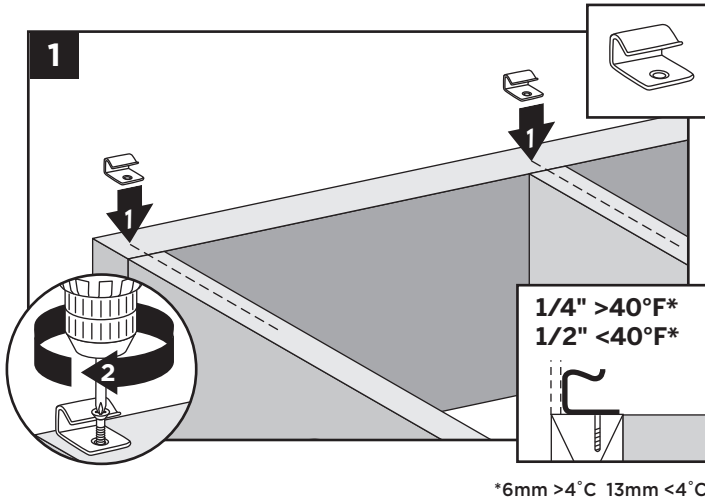
NOTE: The following Trex Square Edge decking boards (Trex Transcend, Trex Enhance, Trex Escapes, and Trex Select), either 1x6 or 2x6, can be routed.



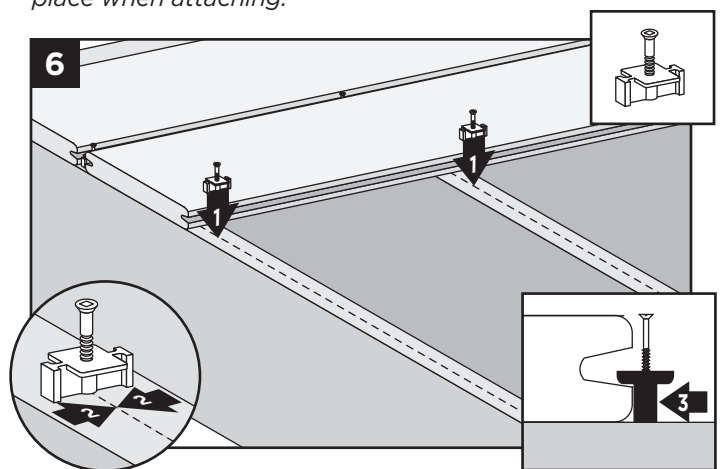
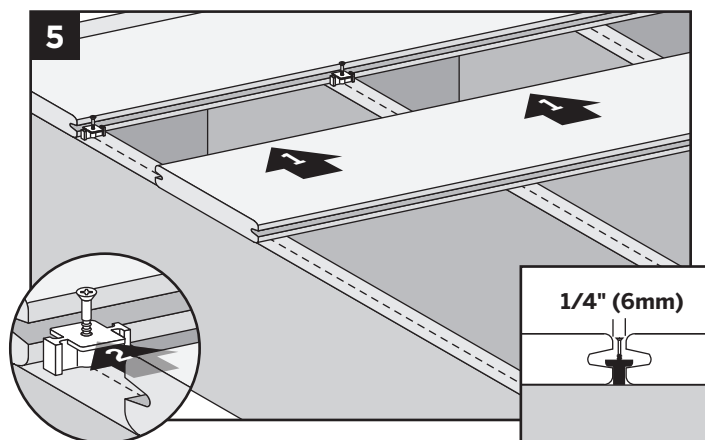
Using a Trex routerbit with standard router:

1. Rout from bottom side of board.
2. Rout the entire length of the board, or at every intersection where board is over support joists.

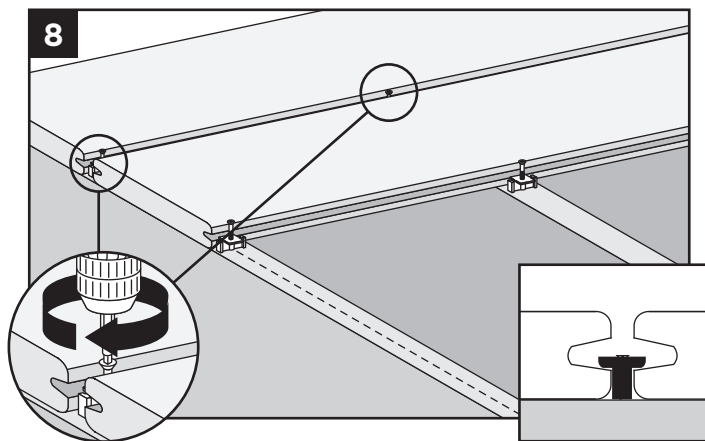
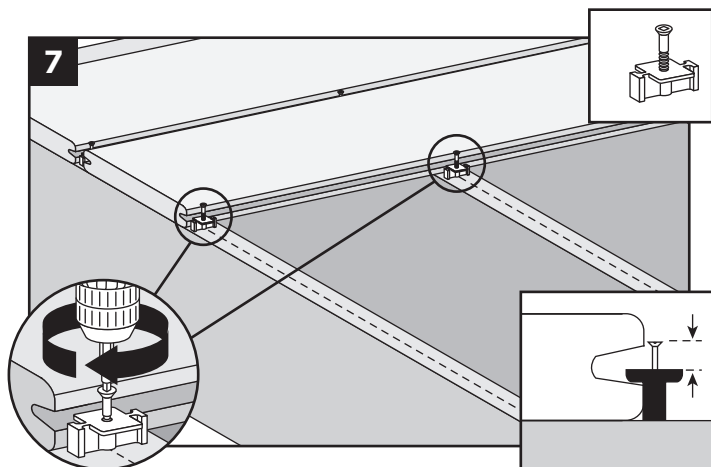
INSTALLING TREX TRANSCEND, ENHANCE, SELECT DECKBOARDS



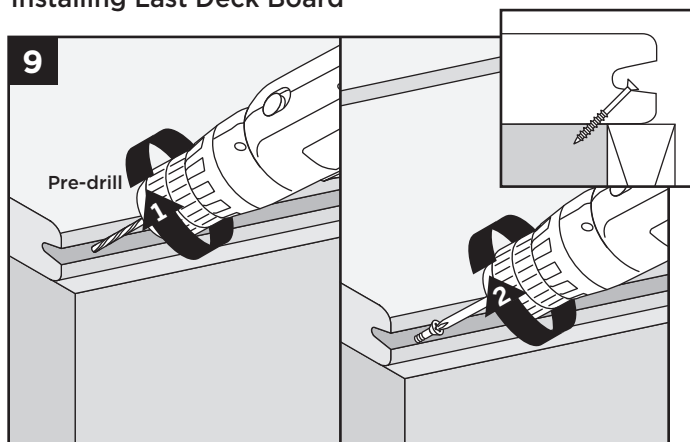
Note: Use scrap piece of decking to help hold fastener in place when attaching.



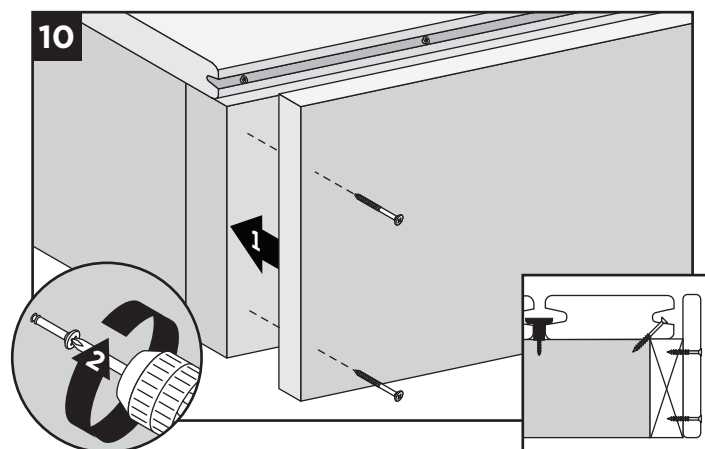
INSTALLING TREX TRANSCEND, ENHANCE, SELECT DECKBOARDS/CONTINUED



Installing Last Deck Board

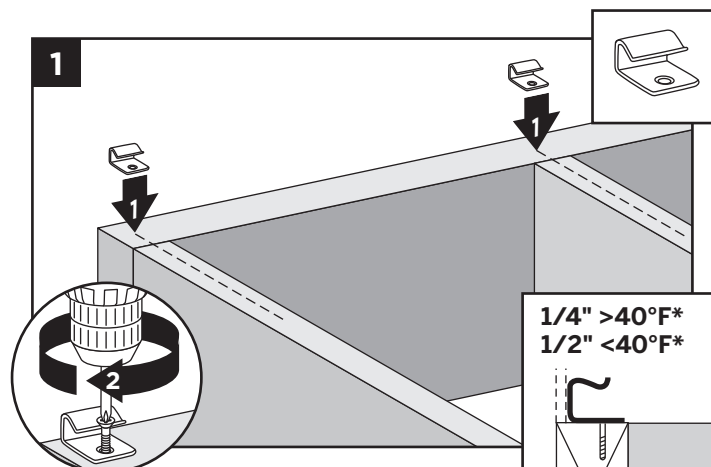


Use same screw as supplied with hidden fastener.



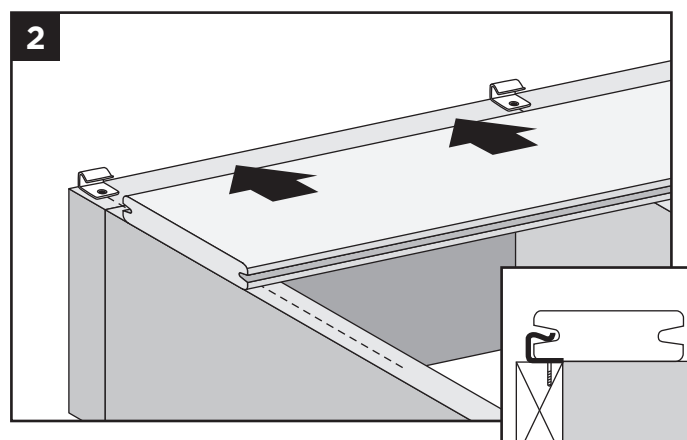
Fascia screws supplied by installer (1 x 8 fascia shown).

INSTALLING ESCAPES BOARDS WITH TREX HIDEAWAY® UNIVERSAL HIDDEN FASTENERS

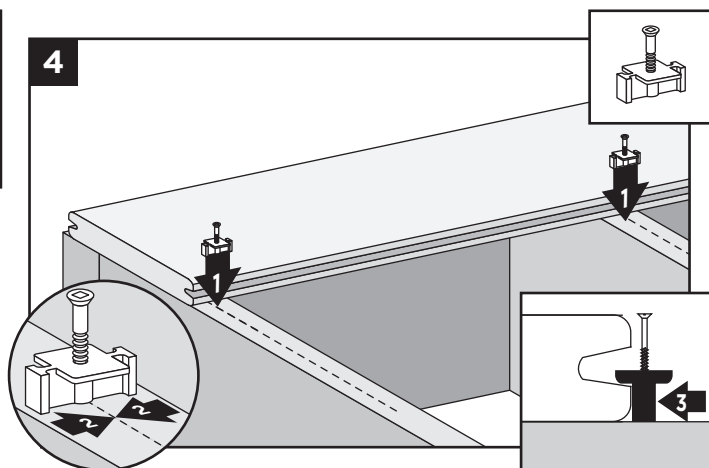
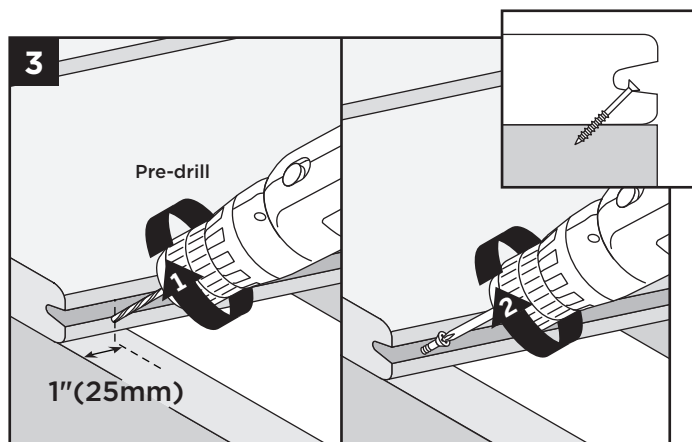


1/4" >40°F*
1/2" <40°F*

*6mm >4°C 13mm <4°C

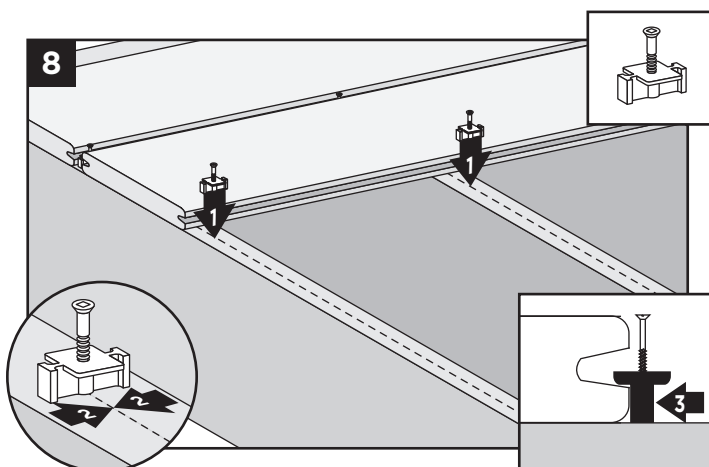
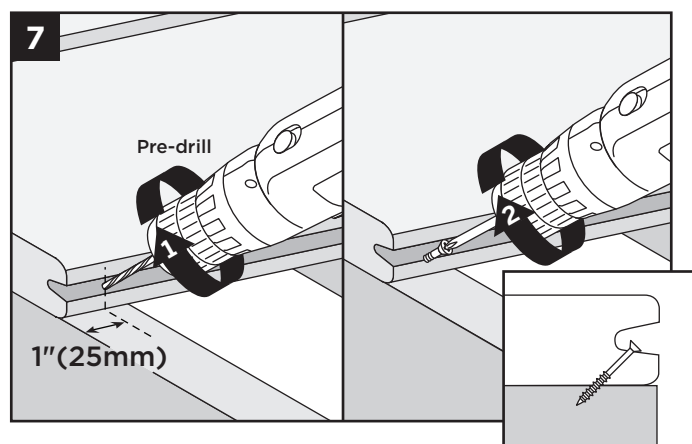
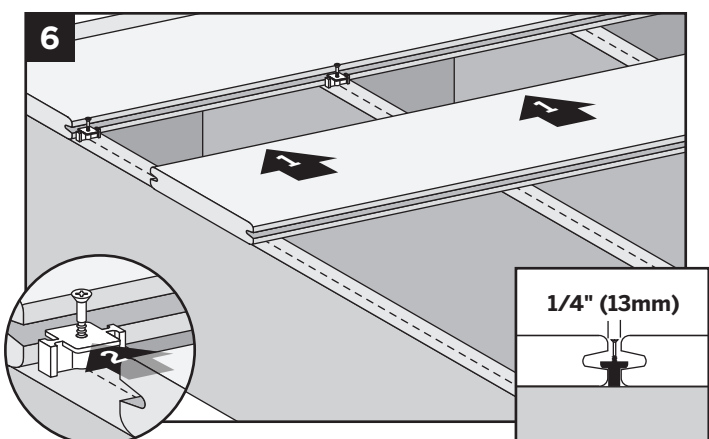
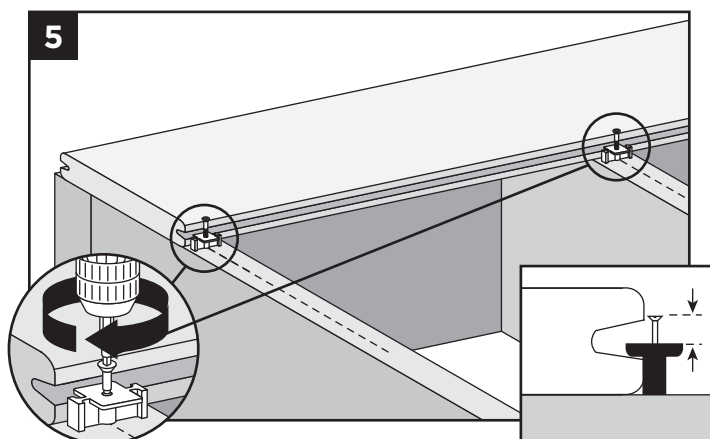


INSTALLING ESCAPES BOARDS/CONTINUED WITH TREX HIDEAWAY® UNIVERSAL HIDDEN FASTENERS



Use same screw as supplied with hidden fastener.

NOTE: Install at both ends and center of board.

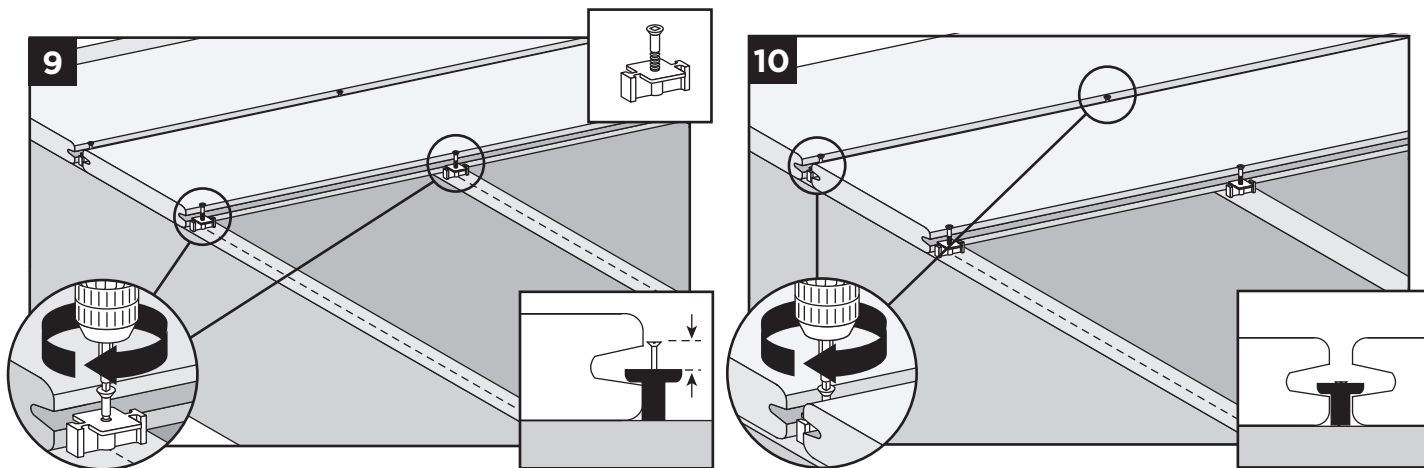


Use same screw as supplied with hidden fastener.

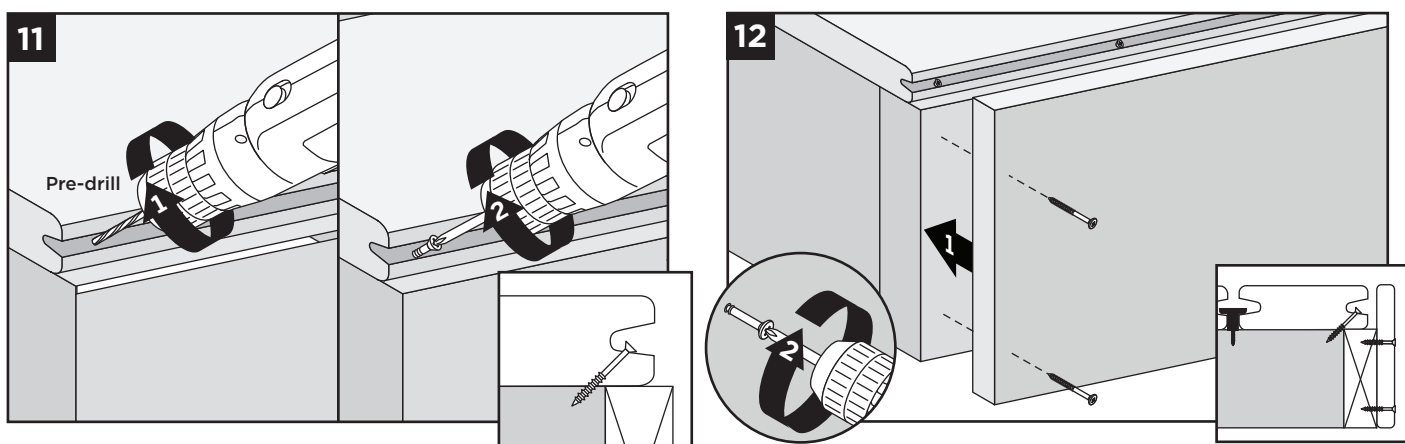
NOTE: Install at both ends and center of board.



INSTALLING ESCAPES BOARDS/CONTINUED WITH TREX HIDEAWAY® UNIVERSAL HIDDEN FASTENERS



Installing Last Deck Board

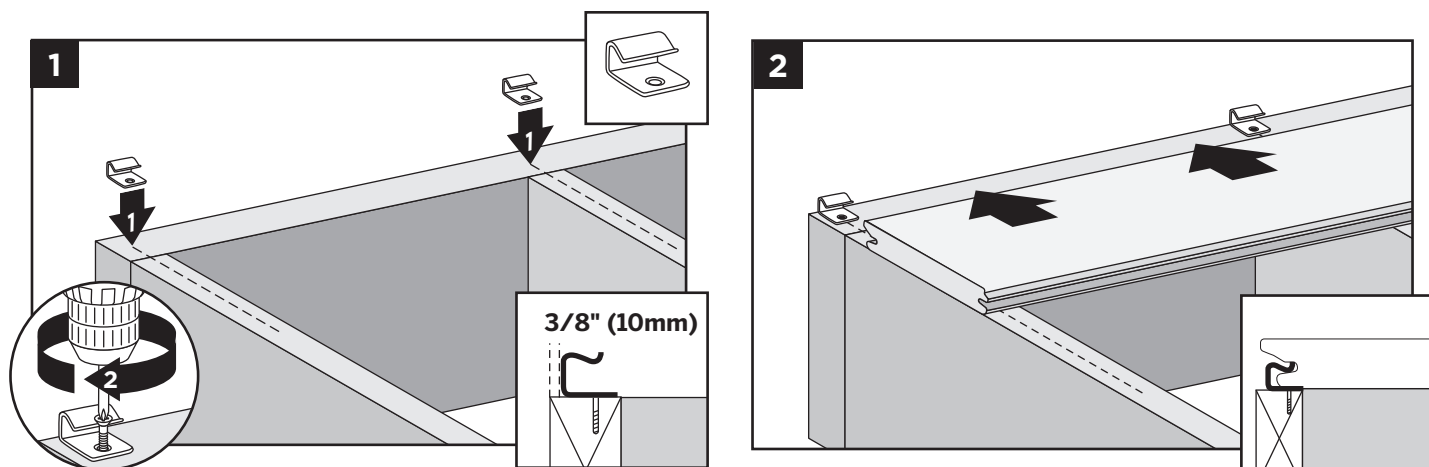


Use same screw as supplied with hidden fastener.

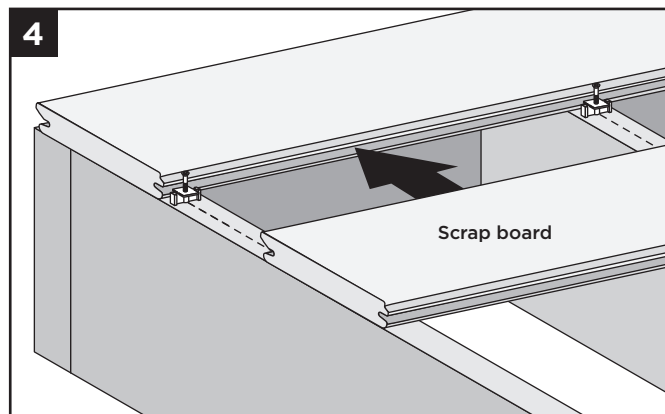
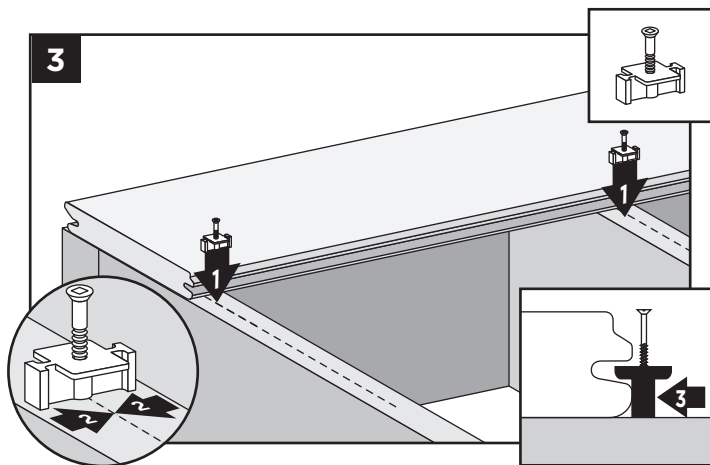
Fascia screws supplied by installer (1 x 8 fascia shown).

INSTALLING TREX TRANSCEND PORCH BOARDS

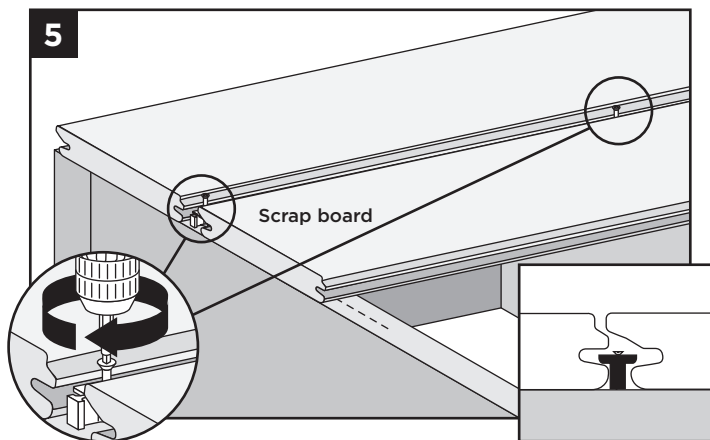
TREX HIDEAWAY® HIDDEN FASTENERS CONNECTOR CLIPS (METAL CLIPS) CANNOT BE USED WITH TREX PORCH BOARDS)



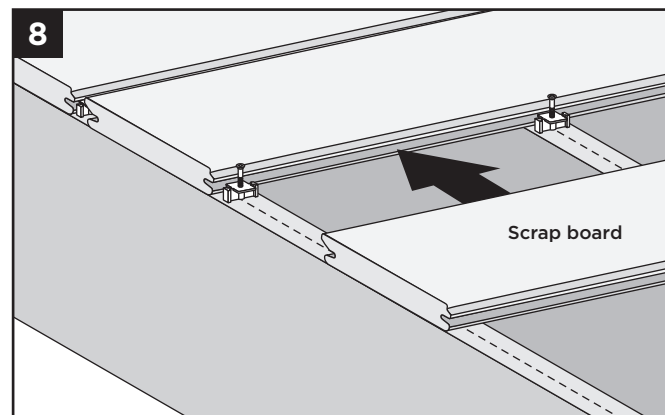
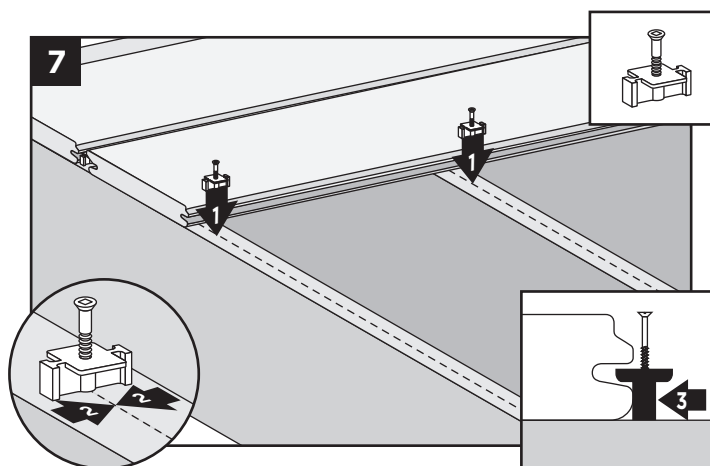
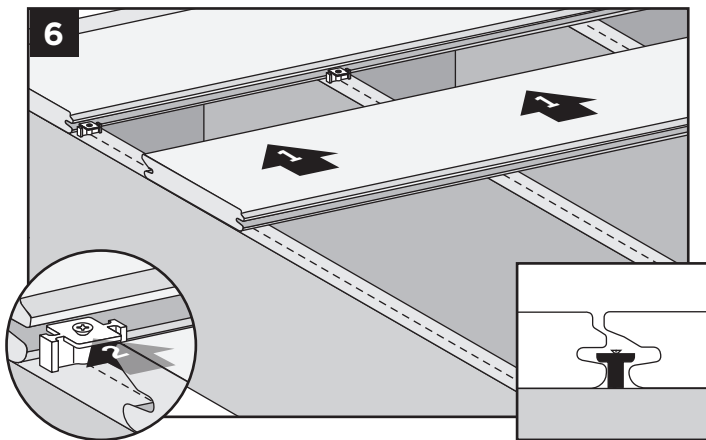
INSTALLING TREX TRANSCEND PORCH BOARDS/CONTINUED



Use a piece of porch scrap board (to keep the fastener straight and secure). Using smaller lip side, hold the hidden fastener down before screwing in.



Remove scrap board after tightening fasteners and save for next board installation.

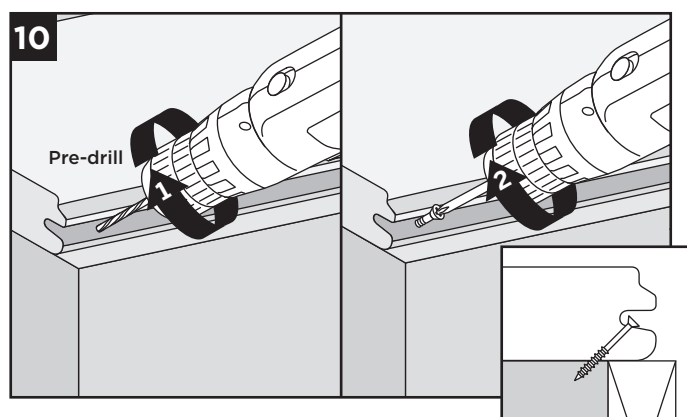
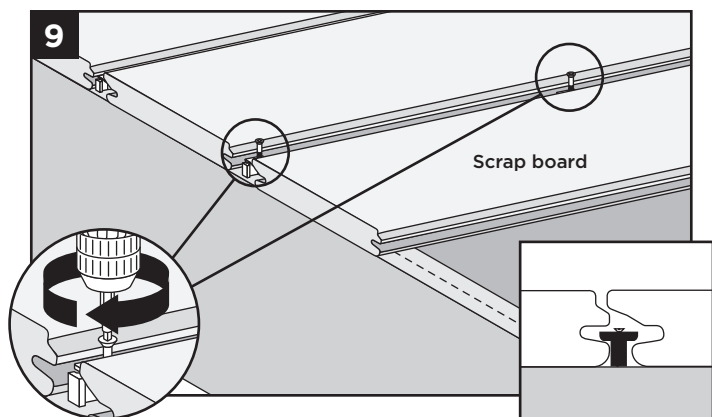


Reuse porch scrap board from previous board installation.

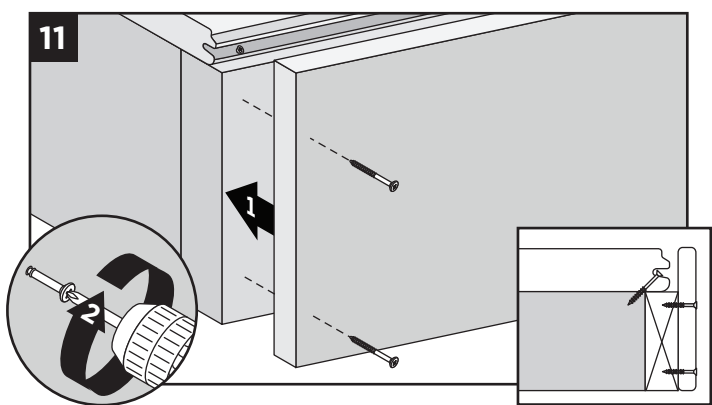


INSTALLING TREX TRANSCEND PORCH BOARDS/CONTINUED

Installing Last Deck Board

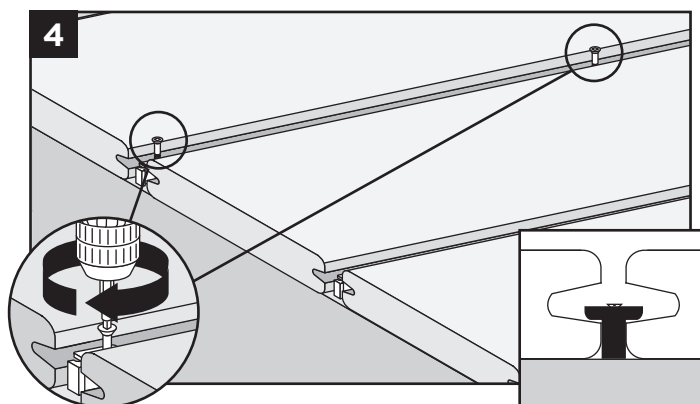
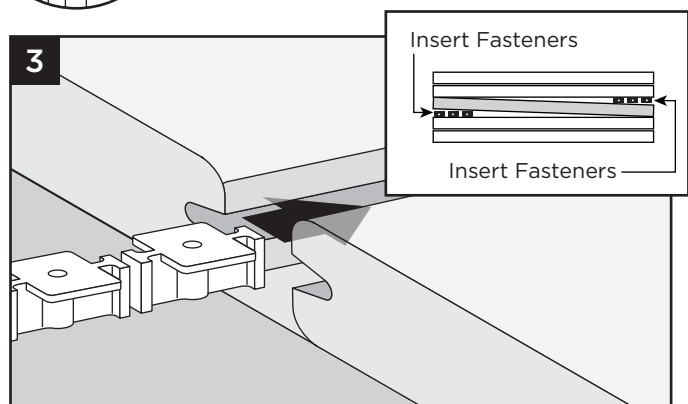
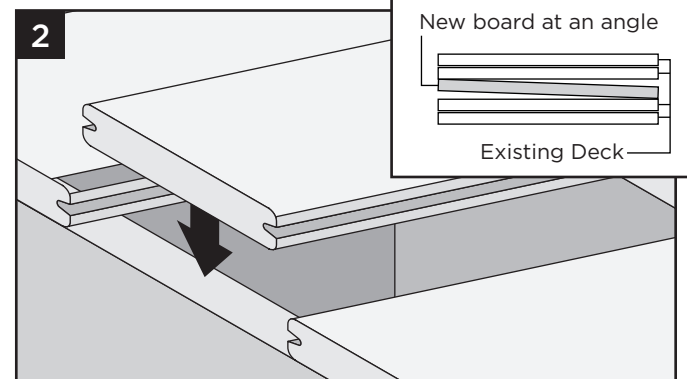
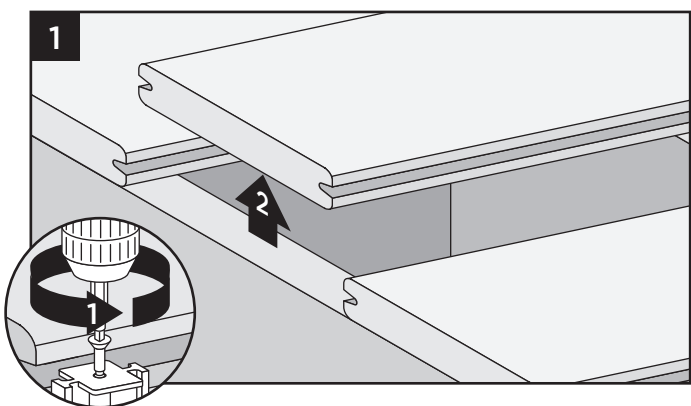


Use same screw as supplied with hidden fastener.



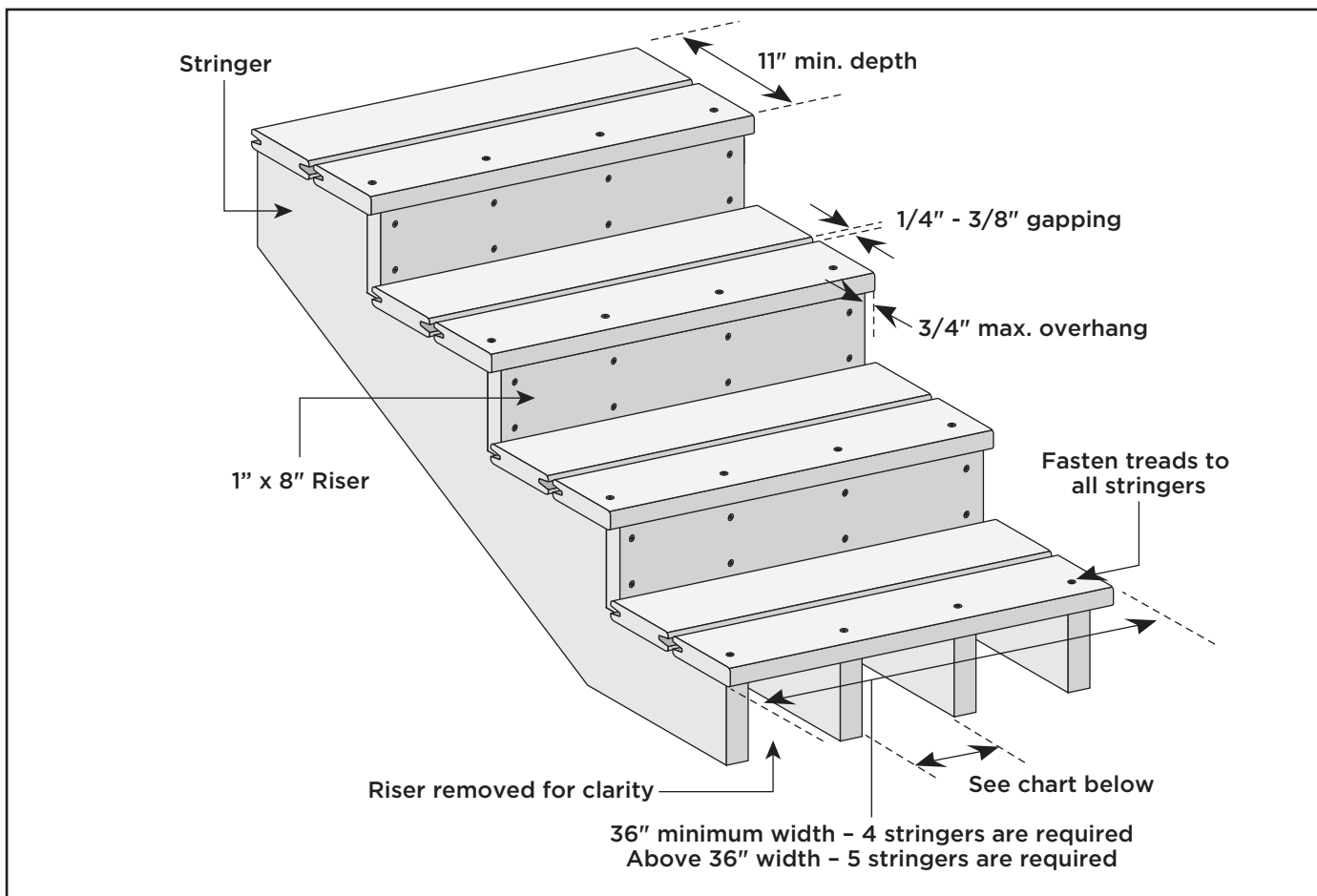
Fascia screws supplied by installer (1 x 8 fascia shown).

REPLACING TREX BOARDS (TRANSCEND, ENHANCE, SELECT, ESCAPES) INSTALLED WITH TREX HIDEAWAY UNIVERSAL FASTENERS



SPANNING REQUIREMENTS FOR TREX STAIRS

Note: English measurements are shown, convert to metric measurements if necessary.



STAIRS

Stairway Detail

- » Stair treads built with Trex meet requirements by the major national building codes. Consult your local municipality for specific requirements.
- » Fasten stair treads continuously across at least four stringers.
- » See chart (at right) for center-to-center spacing of profiles.
- » Dress the sides of the stringers and risers with trim or Trex fascia for a finished look.
- » When installing risers, use two screws per every stringer.
- » Fascia fasteners can only be used if fascia boards are being used for risers. If deck boards are used, recommended composite deck screws must be used (glue is not required for this application).
- » Most model building codes require the stair treads to be constructed under the following requirements:
 - › Stairways must be at least 36" wide*
 - › Stair treads must be at least 11" deep
- » Gapping between Trex boards on stair treads must be 1/4"-3/8".
- » The overhang of the stair tread is not to exceed 3/4".

NOTES:

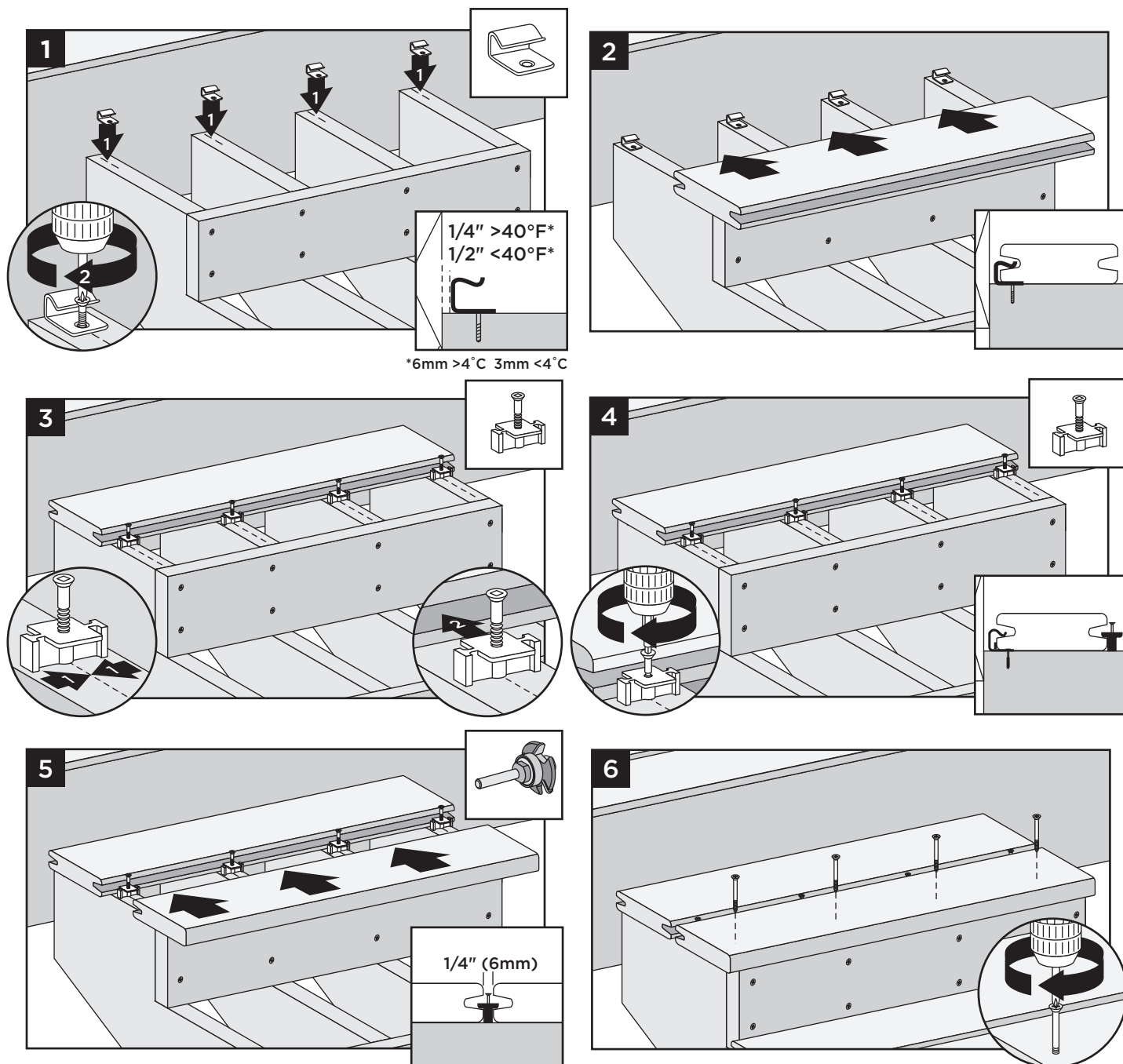
- » Trex rails meet all major building codes for use as a guardrail system. Local municipalities may require a graspable handrail on stairways. Check with your local building code official for local requirements. See Trex ADA Handrail System in the Trex full catalog.
- » Trex Porch Boards should not be used for stair applications. Use square-edge composite decking boards and manually rout these where needed to allow for use with hidden fasteners.

MAXIMUM SPACING ON CENTER OF STAIR STRINGER	
Transcend & Enhance 1" x 6" Actual dimensions - .94" x 5.5"	12"
Select and Escapes 1" x 6" Actual dimensions - .82" x 5.5"	9"
Transcend & Select 2" x 6" Actual dimensions - 1.3" x 5.5"	12"

**For railings that are installed directly over stair treads, the stair treads may need to be larger than 36" wide. Refer to local building code regulations for details prior to installing stairs and railings.*

INSTALLING TREX STAIR TREADS INSTALLED WITH HIDDEN FASTENERS

NOTE: Use square-edge, composite decking boards and manually route these on required sides to allow for use with hidden fasteners.



Route one side of board (last stair tread).

LOCATION AND INSTALLATION OF SURFACE MOUNT POST - DECKING

IMPORTANT NOTES:

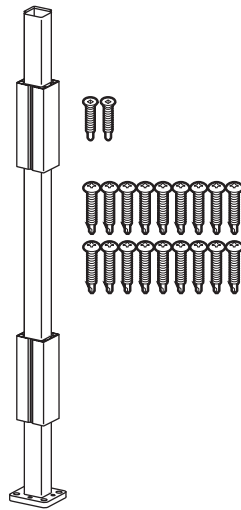
- » **EACH POST MUST BE ATTACHED AS SHOWN TO ENSURE A CODE-COMPLIANT AND SAFE INSTALLATION.**
- » **ALWAYS REFER TO YOUR LOCAL BUILDING CODE OFFICIAL PRIOR TO INSTALLING ANY RAILING SYSTEM TO ENSURE ALL CODE AND SAFETY REQUIREMENTS ARE MET. TREX CANNOT BE HELD RESPONSIBLE FOR IMPROPER OR NON-RECOMMENDED INSTALLATIONS.**
- » **WHEN INSTALLING TREX POST MOUNTS ON ACQ OR CCA SURFACES, USE AN APPROPRIATE ISOLATION BARRIER BETWEEN POST AND SURFACE (CONTACT LOCAL BUILDING CODE OFFICIAL IF NEEDED).**
- » **ENSURE THAT CORRECT SKU HARDWARE IS ORDERED FOR THE TYPE OF RAILING BEING INSTALLED.**
- » **CANNOT BE USED WITH TREX TRANSCEND COCKTAIL RAILING.**
- » See page 54 for sku information.

TOOLS AND MATERIALS NEEDED

- » Drill and/or screw gun
- » 1/2" (1.3 cm) drill bit for wood
- » Blocking – 2" x 8" (5.1 cm x 20.3 cm) pressure-treated Southern Yellow Pine or equivalent
- » Qty: 36 (per post) – 3" (7.6 cm) pressure-treated compatible wood screws

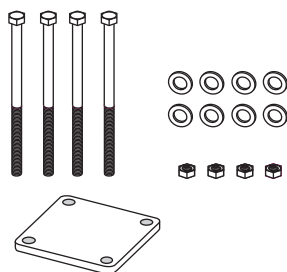
PARTS

- » (1) Post mount
- » (2) Guide blocks
- » (18) #8-15 x 1-1/4" (3.2 cm) Screws
- » (2) 10 x 1" (2.5 cm) Self-tapping screws



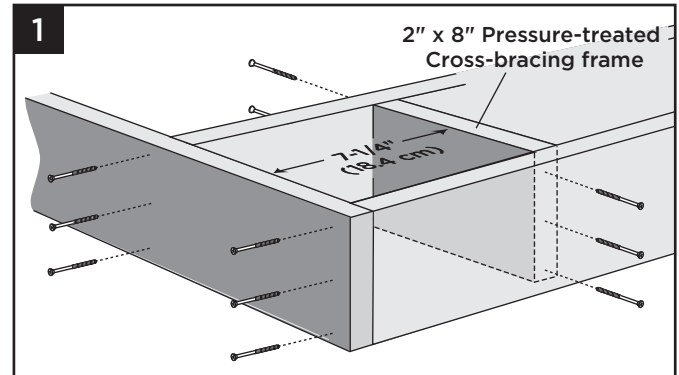
SKU ALPOSTHWDECK (this SKU **SOLD SEPARATELY** and must be used for code-approved applications)

- » (4) 3/8" x 6" (1 cm x 15.2 cm) Hex cap bolts
- » (1) Back plate
- » (8) Flat washers
- » (4) Hex nuts

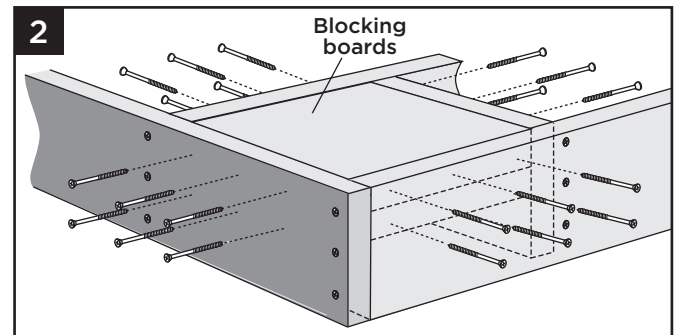


How to Install Post Mounts on Pressure-Treated Wood Framing

Corner Post Installation



1. Install 2" x 8" (5.1 cm x 20.3 cm) cross bracing frame in between joists at 7-1/4" (18.4 cm). Attach a total of twelve 3" (7.6 cm) pressure-treated compatible screws (*not provided*).



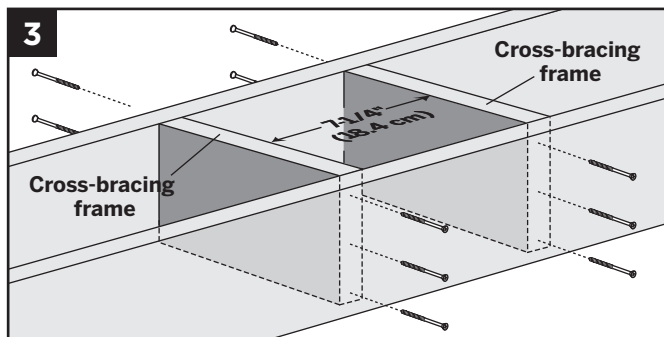
2. Install two 2" x 8" (5.1 cm x 20.3 cm) boards as blocking under post location. Securely attach blocking using a total of twenty-four 3" (7.6 cm) pressure-treated compatible screws (*not provided*).

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

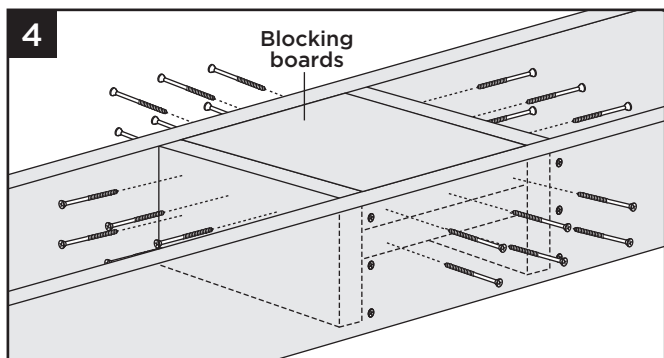
TIP: USE TWO ADDITIONAL SCREWS TO "SANDWICH" BLOCKING BOARDS TOGETHER FOR EASIER ATTACHMENT TO FRAMING.

LOCATION AND INSTALLATION OF SURFACE MOUNT POST - DECKING/ CONTINUED

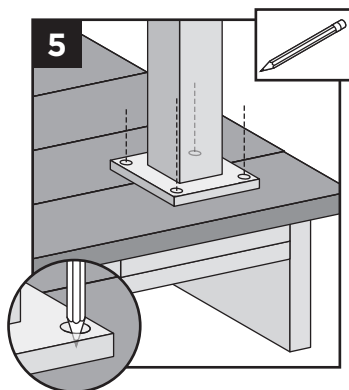
Line Post Installation



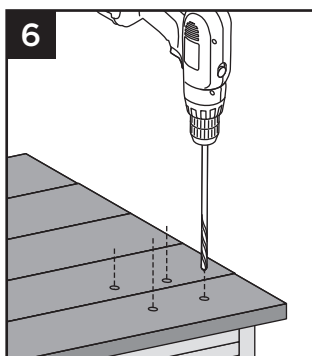
3. Install two 2" x 8" (5.1 cm x 20.3 cm) cross-bracing frames in between joists at 7-1/4" (18.4 cm). Attach a total of twelve 3" (7.6 cm) pressure-treated compatible screws (*not provided*).



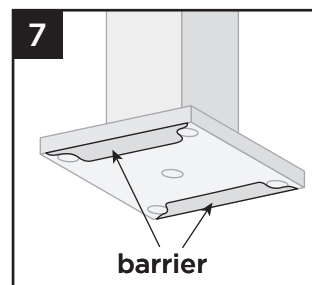
4. Install two 2" x 8" (5.1 cm x 20.3 cm) boards as blocking under post location. Securely attach blocking using a total of twenty-four 3" (7.6 cm) pressure-treated compatible screws (*not provided*).



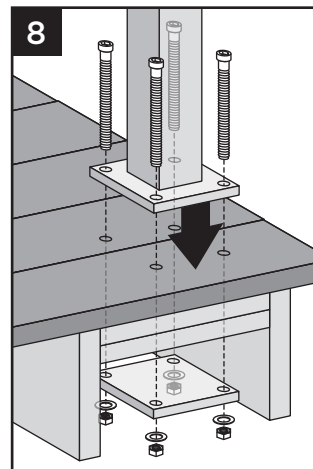
5. Using post a template, mark locations of holes.
6. Drill through decking and blocking boards using 5/8" diameter bit (long drill bit will be required).



7. Insert the (2) stainless steel barrier strips under the mounting bolt holes. BARRIER STRIPS ARE REQUIRED ONLY IF ATTACHING POST DIRECTLY TO PRESSURE-TREATED FRAMING.



8. Attach posts using four 3/8" x 6" (1 cm x 15.2 cm) hex cap bolts, washers, and nuts, along with aluminum back plate on underside of blocking. If the project requires IRC compliance, this back plate **MUST** be installed under the decking to ensure this will meet code compliance. Reference SKU part number ALPOSTHWDECK for required hardware and aluminum plate. (Consult local code official for more information on IRC Compliance.)



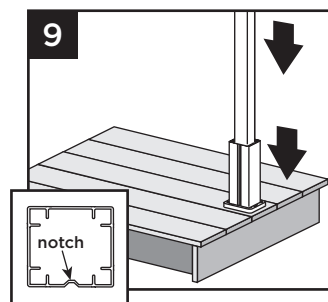
NOTES:

- » Use composite shims or similar material (*not provided*) if posts are not plumb. Ensure that post is placed on decking surface so that it clears the rim joist and there is enough clearance on the underside blocking for the back plate to be installed.
- » Rim joist removed to show proper attachment of hardware.

Install Guide Blocks

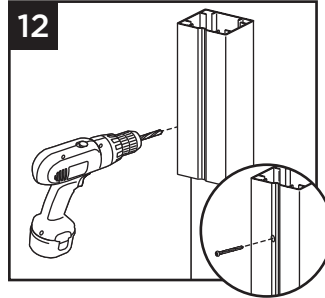
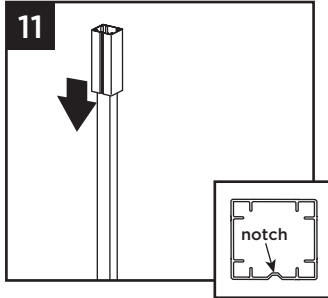
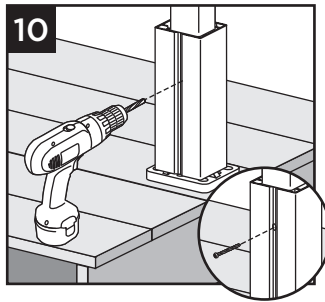
NOTE: Pre-drilling is not required but is optional for attachment of guide blocks to post. Use a drill bit slightly smaller in size than that of screw being installed.

9. Place or rest bottom aluminum guide block on bottom of post. Place guide on post so that notch is on a side that does not require railing to be attached.



LOCATION AND INSTALLATION OF SURFACE MOUNT POST - DECKING/ CONTINUED

10. Attach bottom guide block using one 10 x 1" self-tapping screw (provided) in notch to lock guide block onto post.



11. Location of top guide block will vary slightly based on type and height of railing being installed. Determine this measurement and place top guide block in location where top bracket for desired railing would be approximately on center of the top railing bracket location.
12. Attach top guide block using one 10 x 1" self-tapping screw (provided) in notch to lock guide block onto post.

Install Railing System of Choice

NOTES:

- » Quantity of 18 #8-15 x 1-1/4" screws are provided to cover all types of Trex railing bracket installations (Transcend, Trex® Signature™, and Select). Thus, depending on the type railing being installed, you may have screws that are not used.
- » If using 6x6 post sleeves, attach designated railing brackets using #8-15 x 1-3/4" (4.4 cm) 316 stainless steel screws (not provided).
- » **Pre-drilling IS REQUIRED when attaching brackets to designated posts. Use a 9/64" (3.6 mm) drill bit to pre-drill at specified locations according to instructions provided with railing kits.**

NOTE: If installing Trex Deck Lighting on the posts, drill hole through support blocks to allow wiring for lights to be below the surface of the decking.

LOCATION AND INSTALLATION OF IRC-APPROVED POST MOUNTS - CONCRETE

IMPORTANT NOTES:

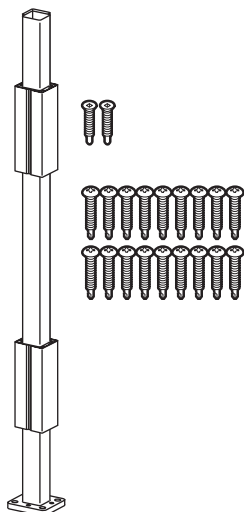
- » **INSTALLATION SHOWN HERE IS FOR IRC APPROVED APPLICATIONS ONLY.**
- » **MAKE SURE CONCRETE IS LEVEL BEFORE INSTALLING POSTS.**
- » **ALWAYS REFER TO YOUR LOCAL BUILDING CODE OFFICIAL PRIOR TO INSTALLING ANY RAILING SYSTEM TO ENSURE ALL CODE AND SAFETY REQUIREMENTS ARE MET. TREX CANNOT BE HELD RESPONSIBLE FOR IMPROPER OR NON-RECOMMENDED INSTALLATIONS.**
- » **CANNOT BE USED WITH TREX TRANSCEND COCKTAIL RAILING.**
- » See page 54 for sku information.

TOOLS NEEDED

- » Hammer
- » Drill and/or screw gun
- » 3/8" (10 mm) drill bit for concrete

PARTS

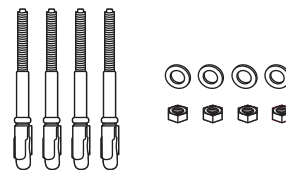
- » (1) Post mount
- » (2) Guide blocks
- » (18) #8-15 x 1-1/4" (32 mm) Screws
- » (2) 10 x 1" (25 mm) Self-tapping screws



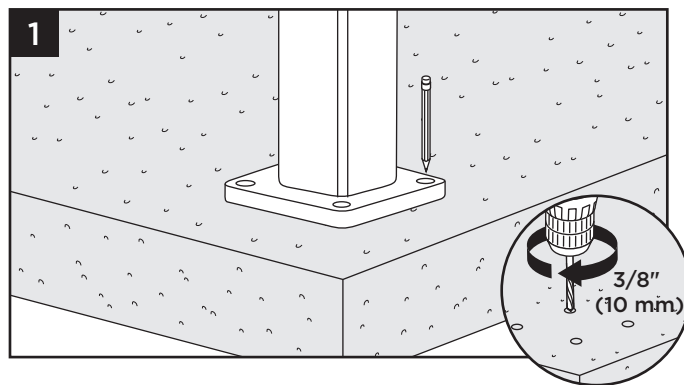
SKU ALPOSTHWCONC

(this SKU SOLD SEPARATELY)

- » (4) 3/8" x 3-3/4" (10 mm x 95 mm) Expansion anchor
- » (4) Flat washers
- » (4) Hex nuts

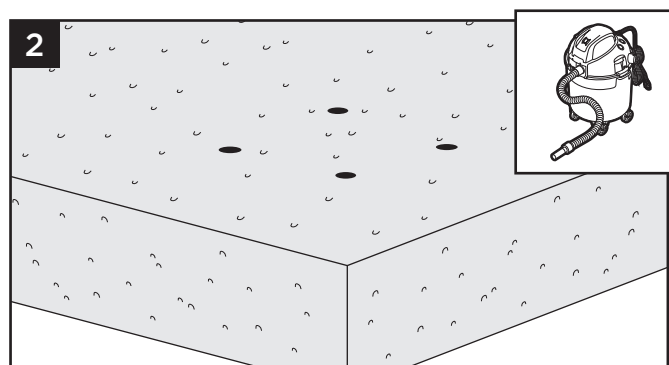


Pre-drill Holes



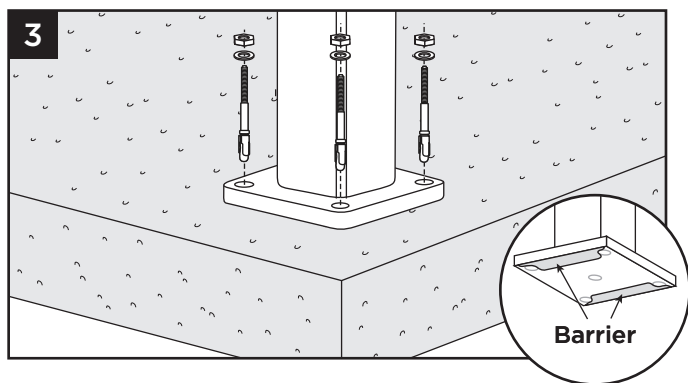
1. Using post as a template, mark locations of the four holes and drill into concrete at least 2-5/8" (66.7 mm) using a 3/8" (10 mm) masonry bit.

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 the correct depth.
2. Clean out holes to remove all concrete dust.

LOCATION AND INSTALLATION OF POST MOUNTS - CONCRETE/CONTINUED



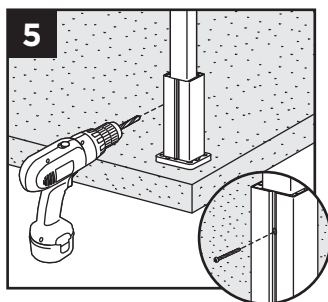
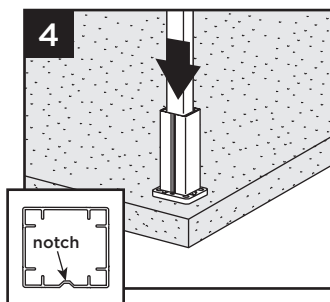
3. Insert the (2) stainless steel barrier strips under the mounting bolt holes. Use appropriate shims if posts are not plumb. Secure post mount with the four expansion anchors, washers and nuts.

NOTE: When using hammer to tap anchors in place, keep the threaded nut at the top of the anchor in order to not damage the threads.

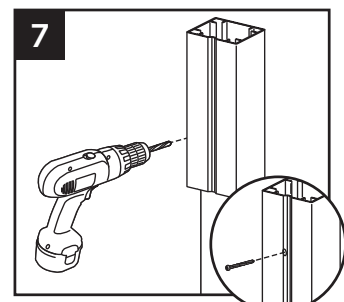
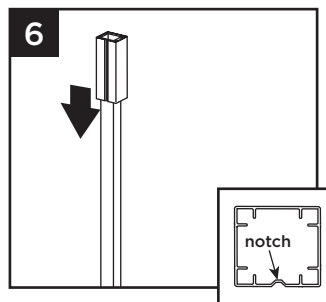
NOTE: Recommended torque for anchors is 20 ft-lbs.

Install Guide Blocks

NOTE: Pre-drilling is not required but is optional for attachment of guide blocks to post. Use a drill bit slightly smaller in size than that of screw being installed.



4. Place or rest bottom aluminum guide block on bottom of post. Place guide on post so that notch is on a side that does not require railing to be attached.
5. Attach bottom guide block using one 10 x 1" (25 mm) self-tapping screw (provided) in notch to lock guide block onto post.



6. Location of top guide block will vary slightly based on type and height of railing being installed. Determine this measurement and place top guide block in location where top bracket for desired railing would be approximately on center of the top railing bracket location.
7. Attach top guide block using one 10 x 1" (25 mm) self-tapping screw (provided) in notch to lock guide block onto post.

Install Railing System of Choice

IMPORTANT NOTES:

- » A quantity of 18 #8-15 x 1-1/4" screws are provided to cover all types of Trex railing bracket installations (Transcend, Trex® Signature™ and Select). Therefore, depending on the type railing being installed, you may have screws that are not used.
- » **Pre-drilling IS REQUIRED when attaching brackets to designated posts. Use a 9/64" (3.6 mm) drill bit to pre-drill at specified locations according to instructions provided with railing kits.**
- » If using 6x6 post sleeves, attach designated railing brackets using #8-15 x 1-3/4" (44 mm) 316 stainless steel screws (not provided).

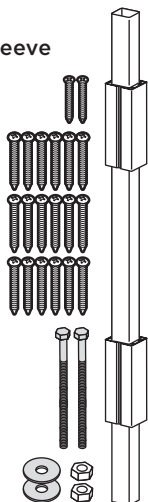
NOTE: If installing Trex lighting on the posts, drill hole through support blocks to allow wiring for lights to be below the surface of the decking.

HOW TO INSTALL JOIST MOUNT POSTS

ALL INSTRUCTIONS BELOW ARE FOR METAL POSTS ONLY; NO PRESSURE-TREATED POSTS ARE TO BE USED FOR THESE INSTRUCTIONS.

Joist Mount Post for Trex Composite Post Sleeve SKU CPJMNTPOST63

- » (1) Joist Mount Post
- » (2) Guide blocks
- » (2) 10 x 1" (2.5 cm) Screws
- » (18) #8-15 x 1-1/4" (3.2 cm) Screws
- » (2) 1/2" x 8" Bolts, Washers, & Nuts

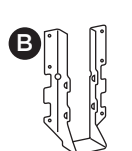
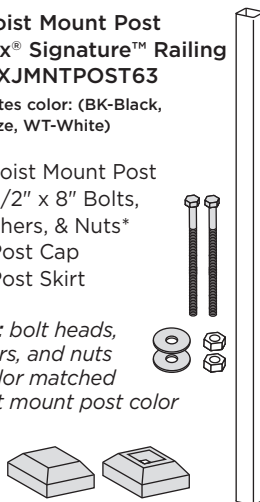


Trex Joist Mount Post for Trex® Signature™ Railing SKU XXJMNTPOST63

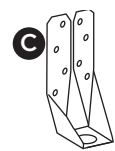
XX denotes color: (BK-Black, BZ-Bronze, WT-White)

- » (1) Joist Mount Post
- » (2) 1/2" x 8" Bolts, Washers, & Nuts*
- » (1) Post Cap
- » (1) Post Skirt

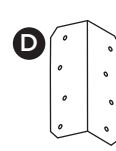
***NOTE:** bolt heads, washers, and nuts are color matched to joist mount post color



Simpson LUS28Z (or similar)**



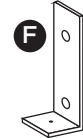
Simpson DTT2Z**



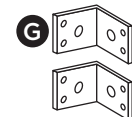
Simpson ML26Z (or similar)**



Simpson L70Z (or similar)**



**Trex® Signature™ Fascia Mount Kit
SKU - XXFMNTWOOD**



**Trex Fascia Mount Corner Bracket Kit (Brackets, Bolts, Nuts, Washers, & Screws)
SKU - XXCORNERFMNTWOOD**

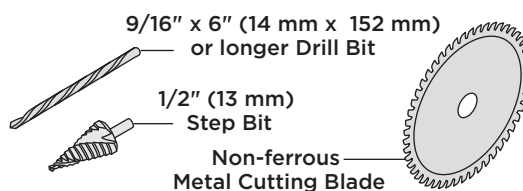
XX denotes color BK-Black, BZ-Bronze, WT-White

GENERAL GUIDELINES

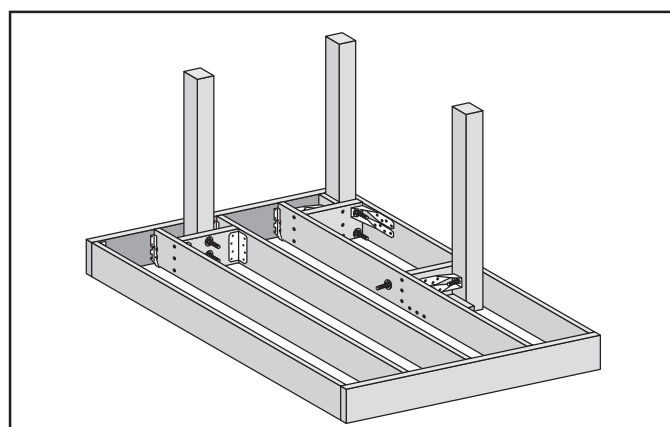
- » **Code-Approved Joist Mount Post Applications:**
 - 30" or less deck height - Code approval not applicable
 - IRC Compliant - Yes
 - IBC Compliant - No
- » Minimum framing is 2"x 8" (51 mm x 203 mm). (Ensure all structural brackets are sized appropriately for framing.)
- » Follow all structural bracket manufacturer's guidelines for fastener selection and corrosion protection requirements.
- » Maximum OC framing is 16" (406 mm).
- » This post is designed to cut-to-length and will accommodate up to 42" (1067 mm) stair railing on 2" x 12" (51 mm x 305 mm) framing.

- » Included template works for most, but not all, applications. Review instructions carefully prior to drilling holes, making sure to center holes on post.
- » **Simpson structural brackets are not included with joist mount posts and must be purchased separately.

HELPFUL TOOLS

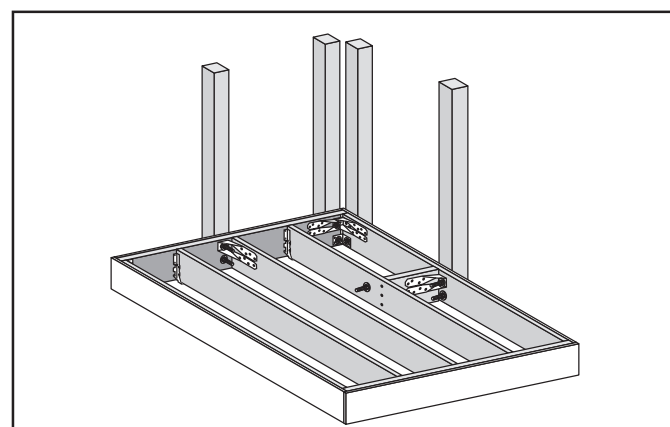


Wood Frame (Inside Mount) Overview



NOTE: To allow fascia to sit flat against framing. Route/trim out back side of fascia to allow for fit over bolt locations.

Wood Frame (Fascia Mount) Overview

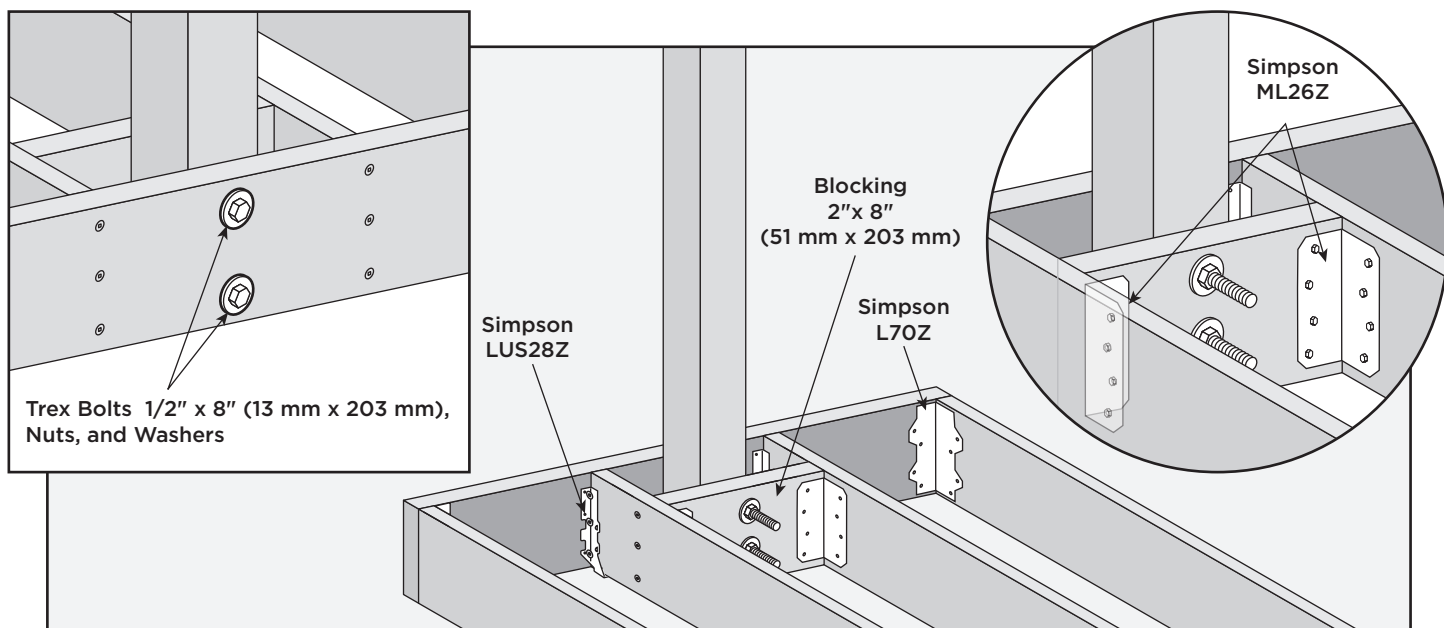


NOTES:

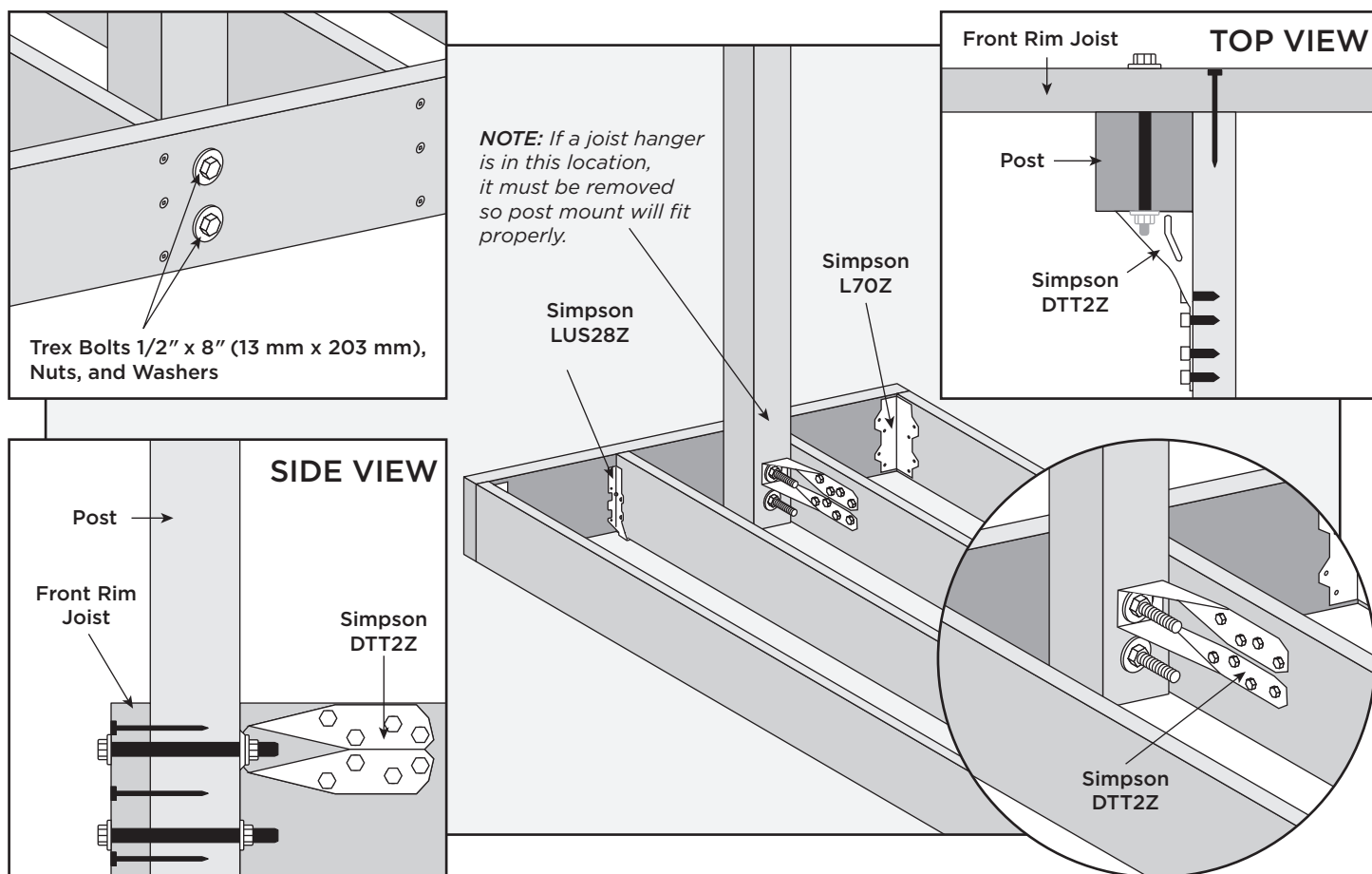
- » Trex fascia should be installed prior to installing any outside joist post mounts.
- » Can only be used with Trex® Signature™ 6' or less railing spans.



INSIDE MOUNT (FRONT RIM PLATE - BETWEEN JOISTS WITH BLOCKING)

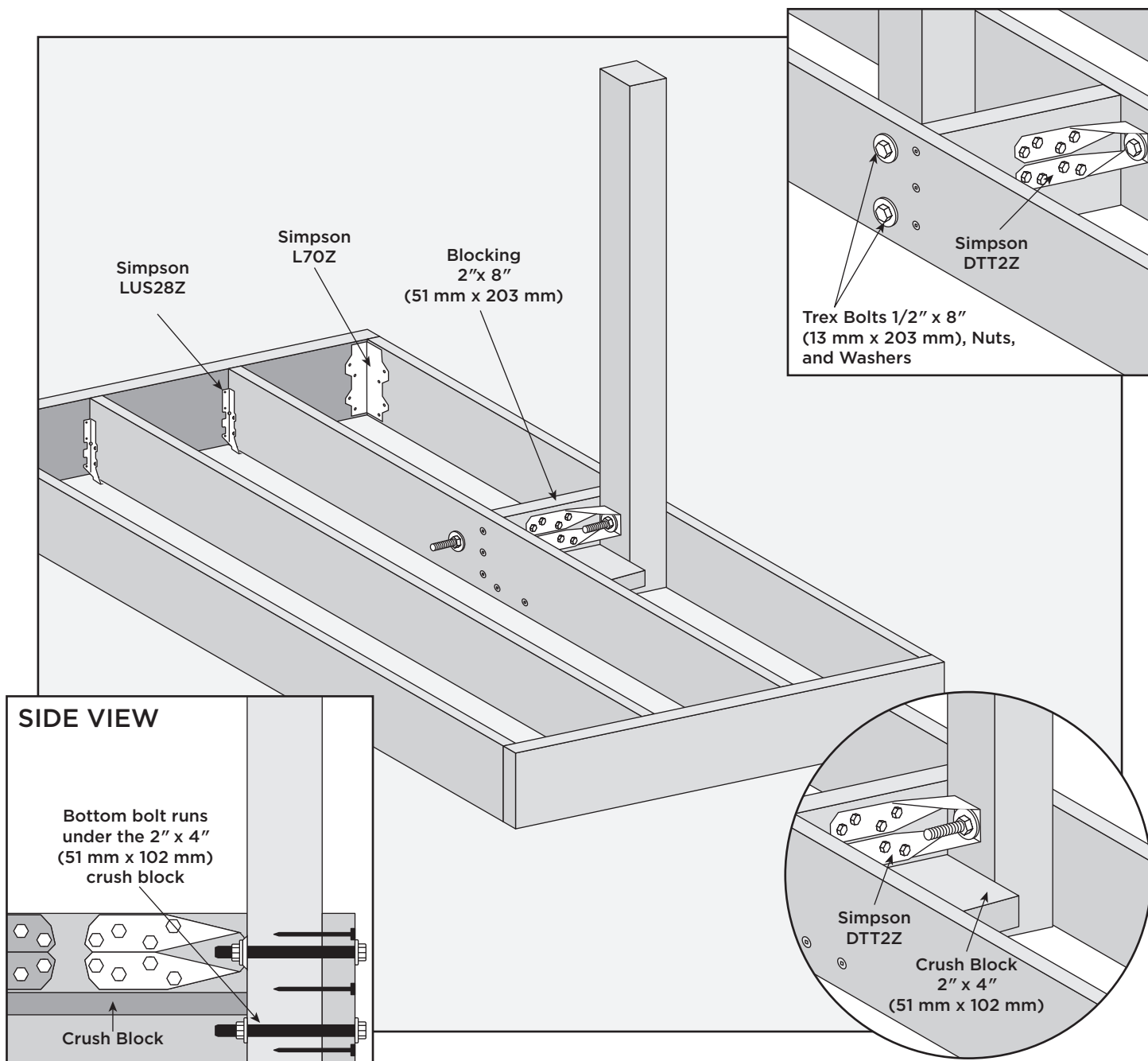


INSIDE MOUNT (FRONT RIM PLATE - NEXT TO JOIST)



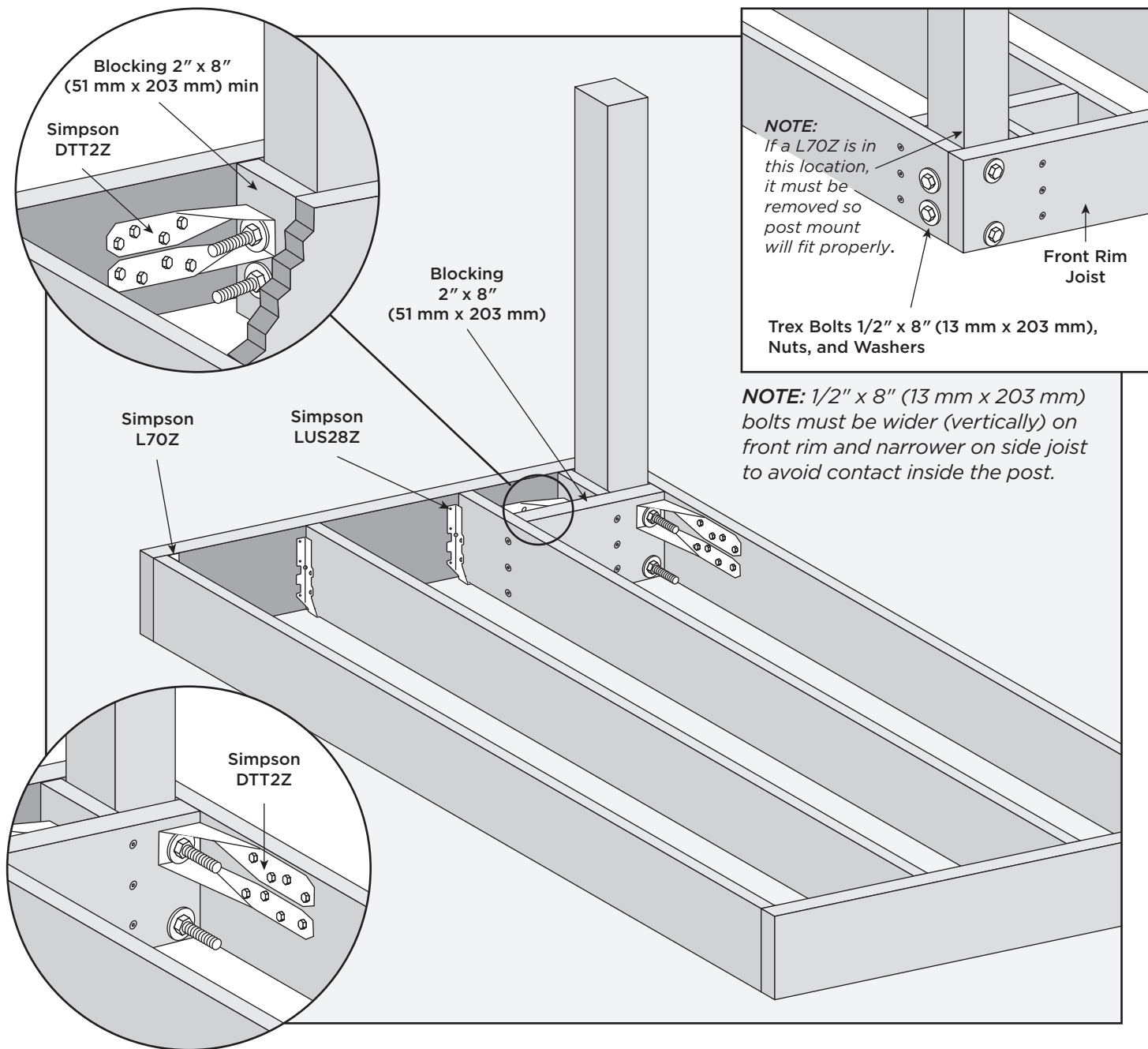
INSIDE MOUNT (SIDE JOIST)

- » TREX SUPPLIES (2) HG 1/2" X 8" (13 MM X 203 MM) BOLTS, NUTS, AND WASHERS.
- » CUSTOMER MUST SUPPLY ADDITIONAL HG 1/2" X 8" (13 MM X 203 MM) BOLTS, NUTS, AND WASHERS.



INSIDE MOUNT (CORNER)

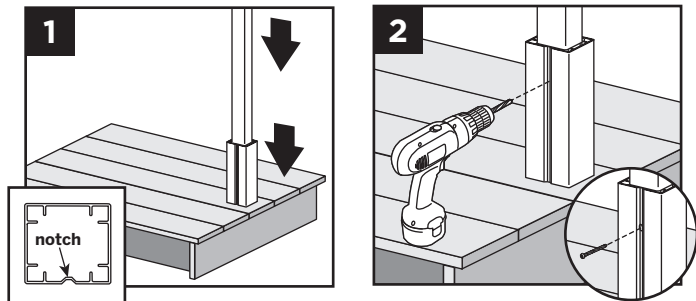
- » TREX SUPPLIES (2) HG 1/2" X 8" (13 MM X 203 MM) BOLTS, NUTS, AND WASHERS.
- » CUSTOMER MUST SUPPLY ADDITIONAL HG 1/2" X 8" (13 MM X 203 MM) BOLTS, NUTS, AND WASHERS.



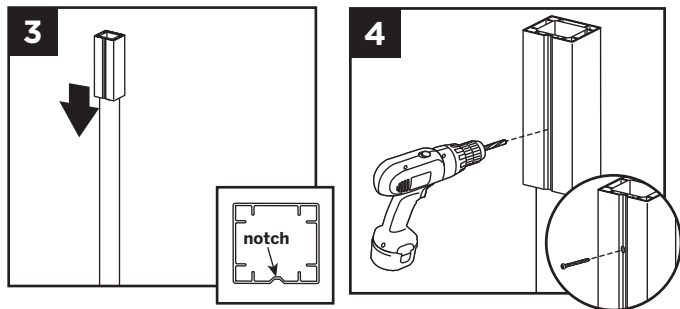
COMPOSITE POST SLEEVE APPLICATIONS

Installation of Guide Blocks and Railing

NOTE: Pre-drilling is not required but is optional for attachment of guide blocks to post. Use a drill bit slightly smaller in size than that of screw being installed.



1. Place or rest bottom aluminum guide block on bottom of post. Place guide on post so that notch is on a side that does not require railing to be attached.
2. Attach bottom guide block using one 10 x 1" self-tapping screw (provided) in notch to lock guide block onto post.



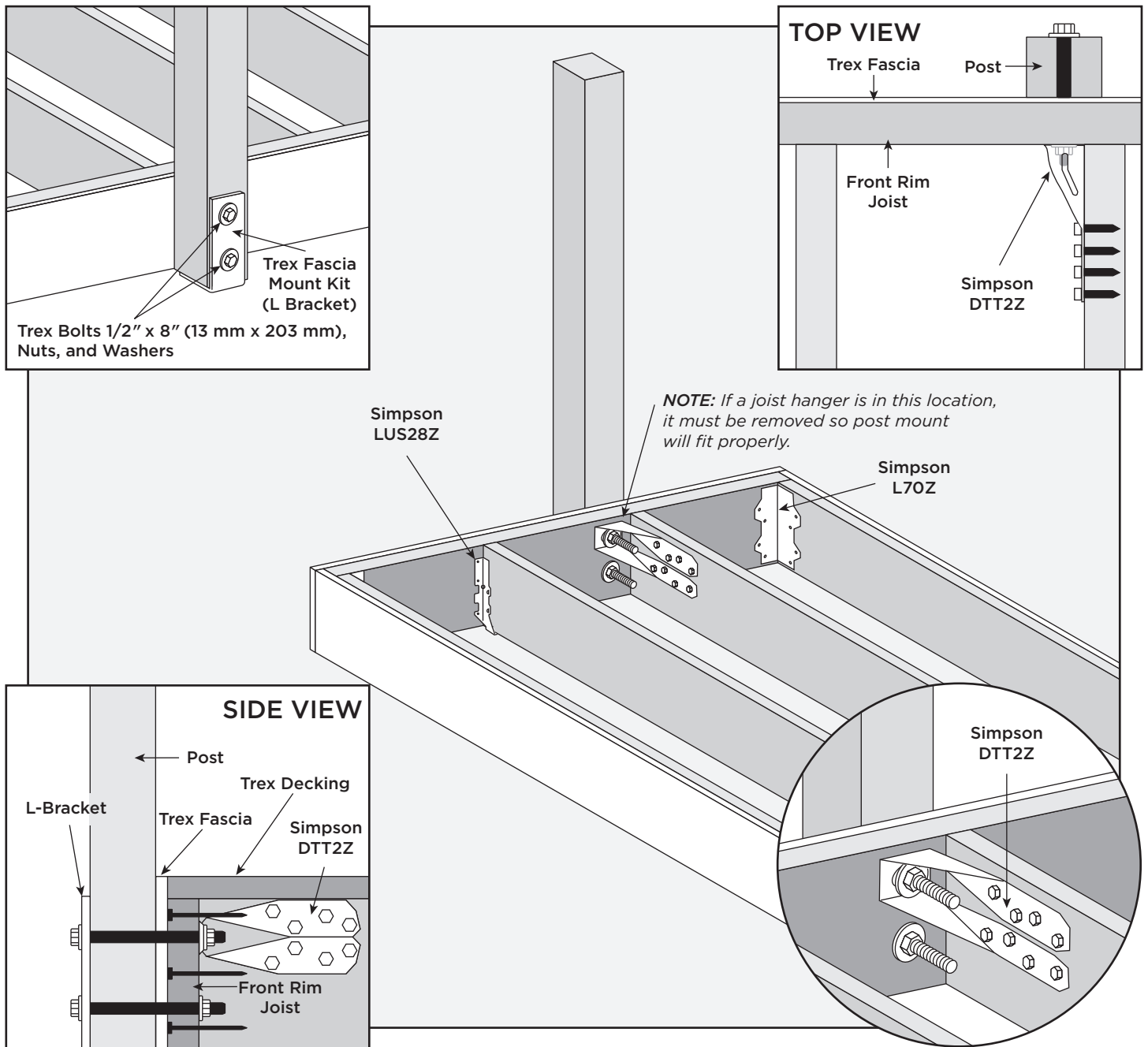
3. Location of top guide block will vary slightly based on type and height of railing being installed. Determine this measurement and place top guide block in location where top bracket for desired railing would be approximately on center of the top railing bracket location.
4. Attach top guide block using one 10 x 1" self-tapping screw (provided) in notch to lock guide block onto post.

- » If using the joist mount post with composite post sleeve, a quantity of 18 #8-15 x 1-1/4" screws are provided to cover all types of Trex railing bracket installations (Trex® Signature™, Transend and Select). Therefore, depending on the type railing being installed, you may have screws that are not used.
- » If using 6x6 post sleeves, attach designated railing brackets using #8-15 x 1-3/4" (4.4 cm) 316 stainless steel screws (not provided).
- » **Pre-drilling IS REQUIRED** when attaching brackets to designated posts. Use a 9/64" (3.6 mm) drill bit to predrill at specified locations according to instructions provided with railing kits.

FASCIA MOUNT (FRONT RIM PLATE - NEXT TO JOIST)

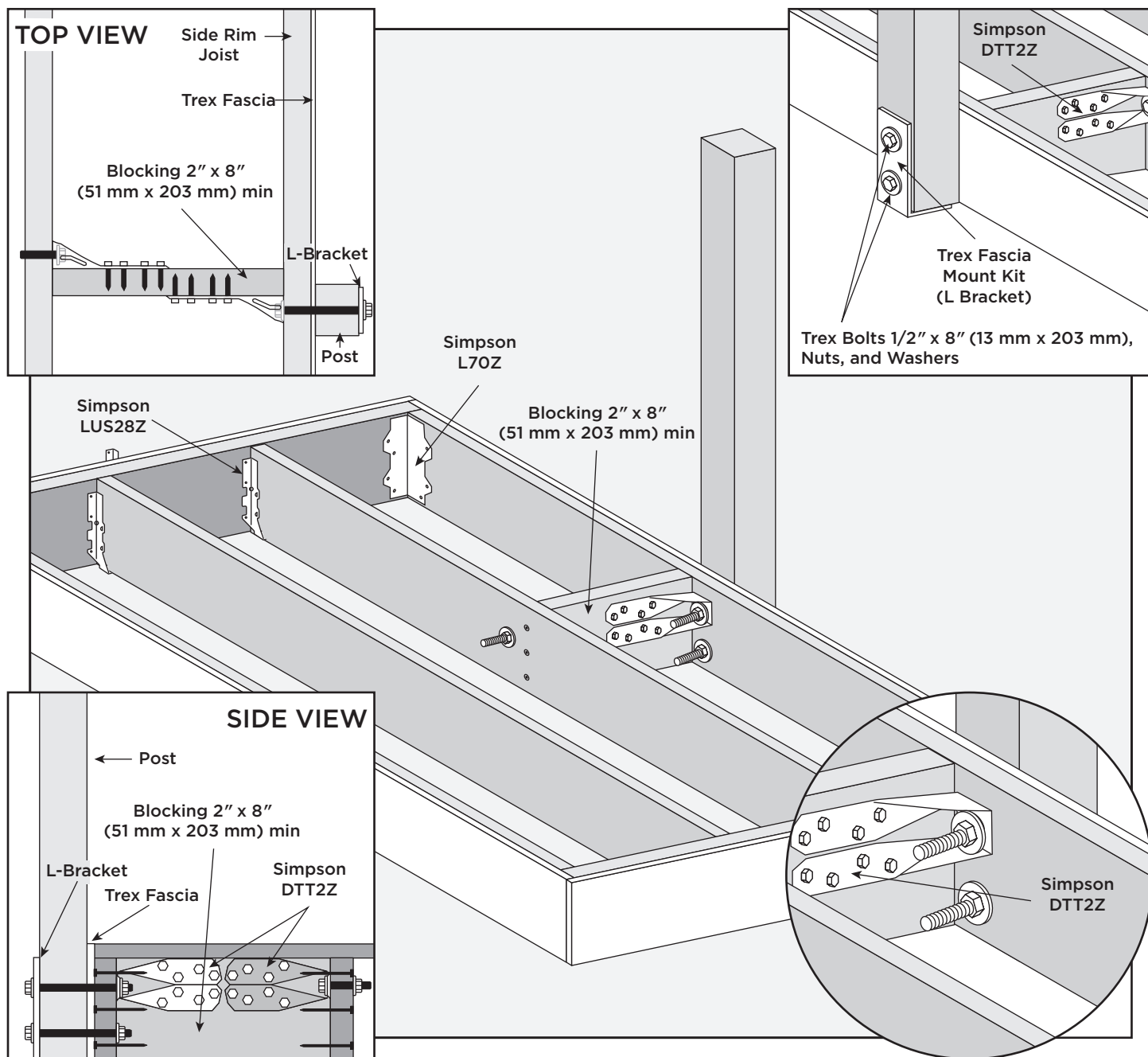
» FOR USE WITH TREX® SIGNATURE™ 6' RAILING SECTIONS ONLY.

» TREX SUPPLIES (2) HG 1/2" X 8" (13 mm x 203 mm) BOLTS, NUTS, AND WASHERS.



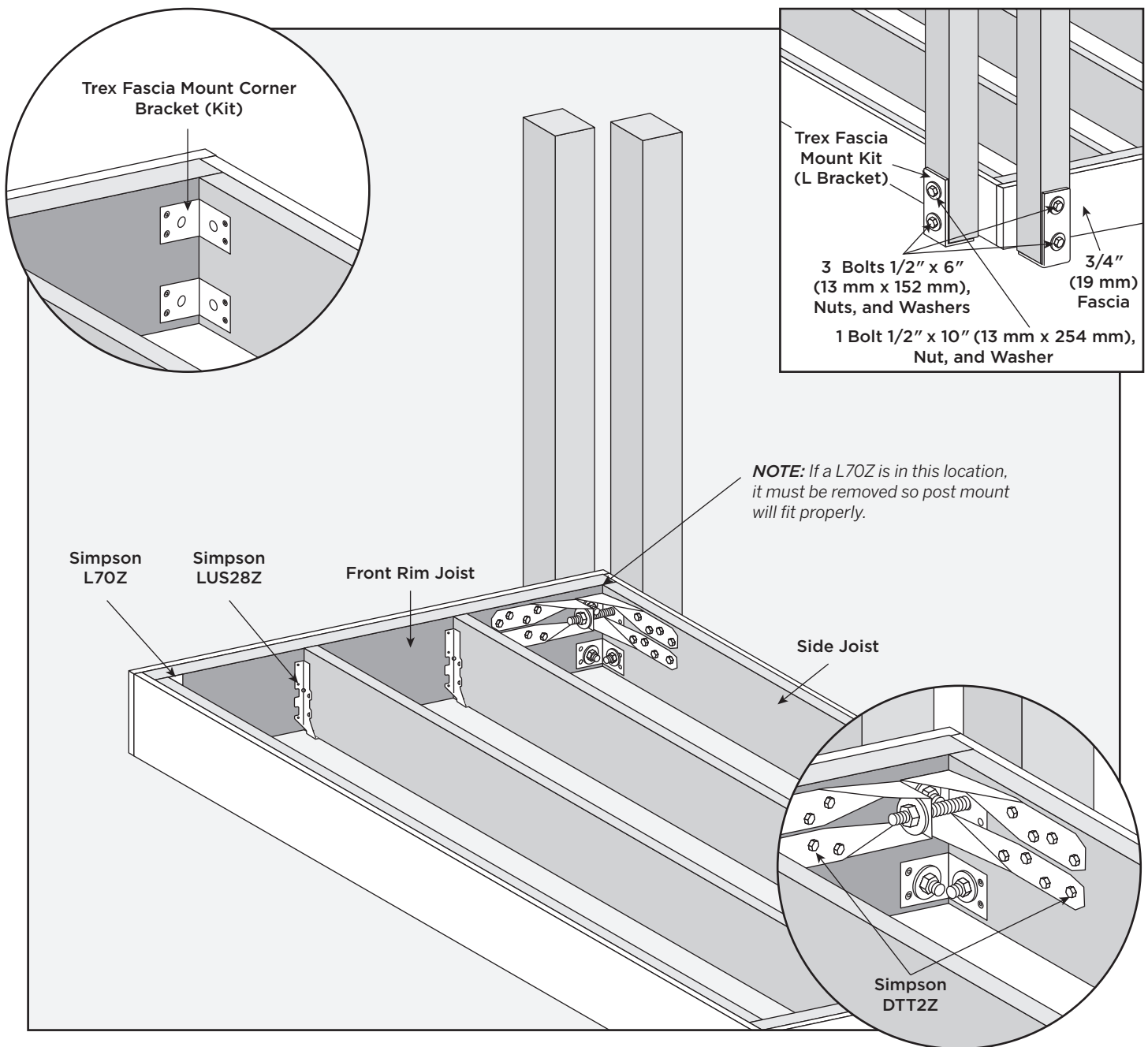
FASCIA MOUNT (SIDE JOIST - WITH BLOCKING)

- » TREX SUPPLIES (2) HG 1/2" X 8" (13 mm x 203 mm) BOLTS, NUTS, AND WASHERS.
- » CUSTOMER MUST SUPPLY ADDITIONAL HG 1/2" X 8" (13 mm x 203 mm) BOLTS, NUTS, AND WASHERS.



FASCIA MOUNT (OUTSIDE FRAME CORNER)

- » 3/4" (19 MM) FASCIA MUST BE USED, OR BOLTS MUST BE CUT DOWN.
- » INSTALL POST TIGHTLY ON RIM JOIST FIRST - NUTS WILL BE INACCESSIBLE LATER.
- » MUST USE TREX FASCIA MOUNT CORNER BRACKET KIT.



1. Install post on rim joist and fully tighten using Simpson DTT2Z on top bolt.
2. Run 10" (254 mm) bolt through gap in existing Simpson DTT2Z and tighten into second DTT2Z.
3. Install bottom bolt.

TREX® SIGNATURE™ RAILING APPLICATIONS

Installation of Railing

1. All required hardware is included with Trex® Signature™ railing, follow Trex® Signature™ railing instructions for complete installation requirements.