TRUNORTH®
COMPOSITES

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BEFORE YOU BUILD

TRUNORTH™
SLIDE & GO FENCE

Fence Installation Guide

TRUNORTH™
SLIDE & GO FENCE

TIPS:

- For a fence on unlevel ground, we suggest placing posts closer together.
- Fence boards should not be touching soil/dirt. Should be installed 1" above ground level. The warranty will be voided if the fence is used as a retaining wall.
- Fence posts are available in 9'-4" (2845 mm), 10'-4" (3150 mm) and 12'-4" (3759 mm) lengths. Plated posts are available in 6'-4" (1930 mm).
- We recommend using a driver bit at least 4" long on fencing system.
- Use a 80 tooth or greater metal cutting blade for aluminum to cut posts and channels to desired length.

SAFETY:
Always wear safety glasses, protective gloves and certified ear protection when using power tools and installing fence system.

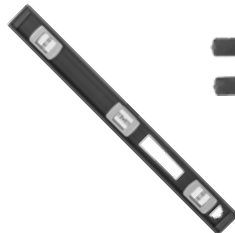Safety Gloves

Ear Protection

Safety Glasses

TOOLS YOU NEED:

Hand Auger

Driver Bits
Philips #2 and 4", Philips #3

Drill

Level

Angle Square

Measuring Tape

Rubber Mallet

circular saw/reciprocating saw
(with metal cutting blade)

Saw

STORAGE & HANDLING:
Prior to installation, allow all the material to acclimate to current weather conditions (Ex. lay the boards out overnight) Encure boards are stored on a flat surface and covered. If the surface is not flat, add support boards every 24" (610 mm) to prevent warping and/or sagging.

LAYOUT FENCE POSTS:

Map out and mark where your fence posts will be placed. **The maximum distance for post placement is 72.25" (1835mm). Anything greater than 72.25" (1835mm) panels will void your warranty.**

Note: You may choose any length shorter than 6'(1829 mm), but 72.25" (1835mm) is our maximum panel width. Channels have been designed to have extra material, measure your boards to desired height and cut side channel to required length. All posts include post caps, be sure to remove from the inside of your post before adding concrete to your post hole.
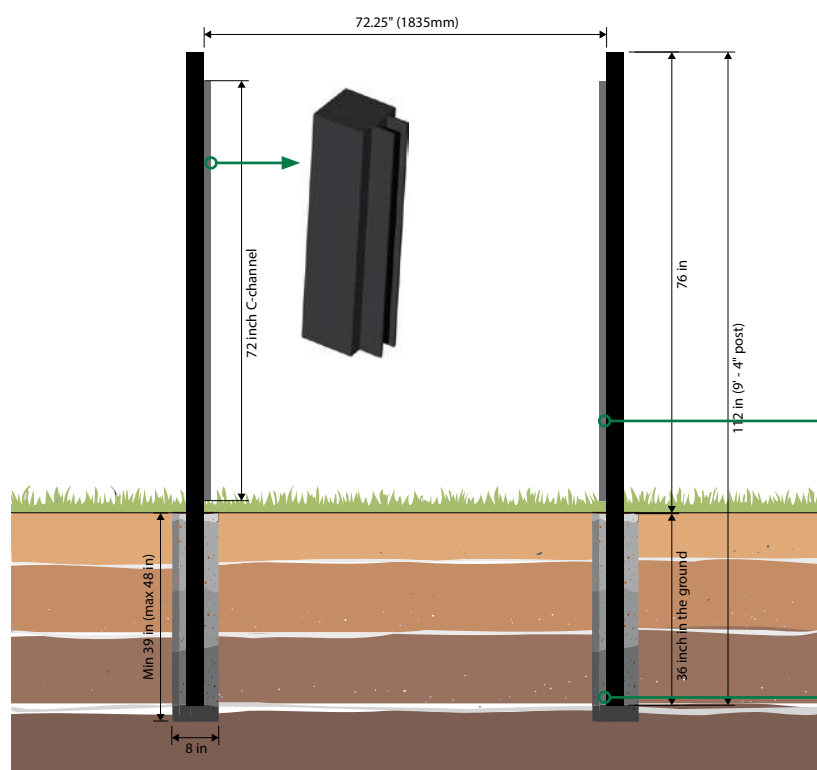
PREP FOR FENCE POST:

Dig 8" (203mm) diameter post holes 36" (914 mm) to 48" (1219 mm) deep. Confirm that the depth of your post hole are consistent and comply with local building code. Be sure to have your property surveyed before you dig to avoid damaging underground services.

POUR CONCRETE AND SET:

Pour concrete into the hole around the post and set. While the concrete is still wet, align the post both vertically and horizontally, ensuring it remains level.

Make sure there is a minimum of 76" (1930 mm) from the ground to the top of the post while the concrete sets. You can trim the posts to the precise height once the fence is finished. Repeat this procedure for all posts.

What is included: Like (2x) 6' long U channels, (2x) 6' Top and Bottom Rail, 10x Inset screws (#10-1/2") (18x) Black pan head screws (#8-3/4")

72.25" (1835mm)

72 inch C-channel

76 in

112 in (9' - 4" post)

Min 39 in (max 48 n)

8 in

36 inch in the ground

ATTENTION!

If you splash concrete on a post, clean it off immediately with a rag and water.

Fence Channels has to have minimum of 1" clearance above ground **(Fence boards should not be touching soil/dirt).**

Add 3" gravel if needed.

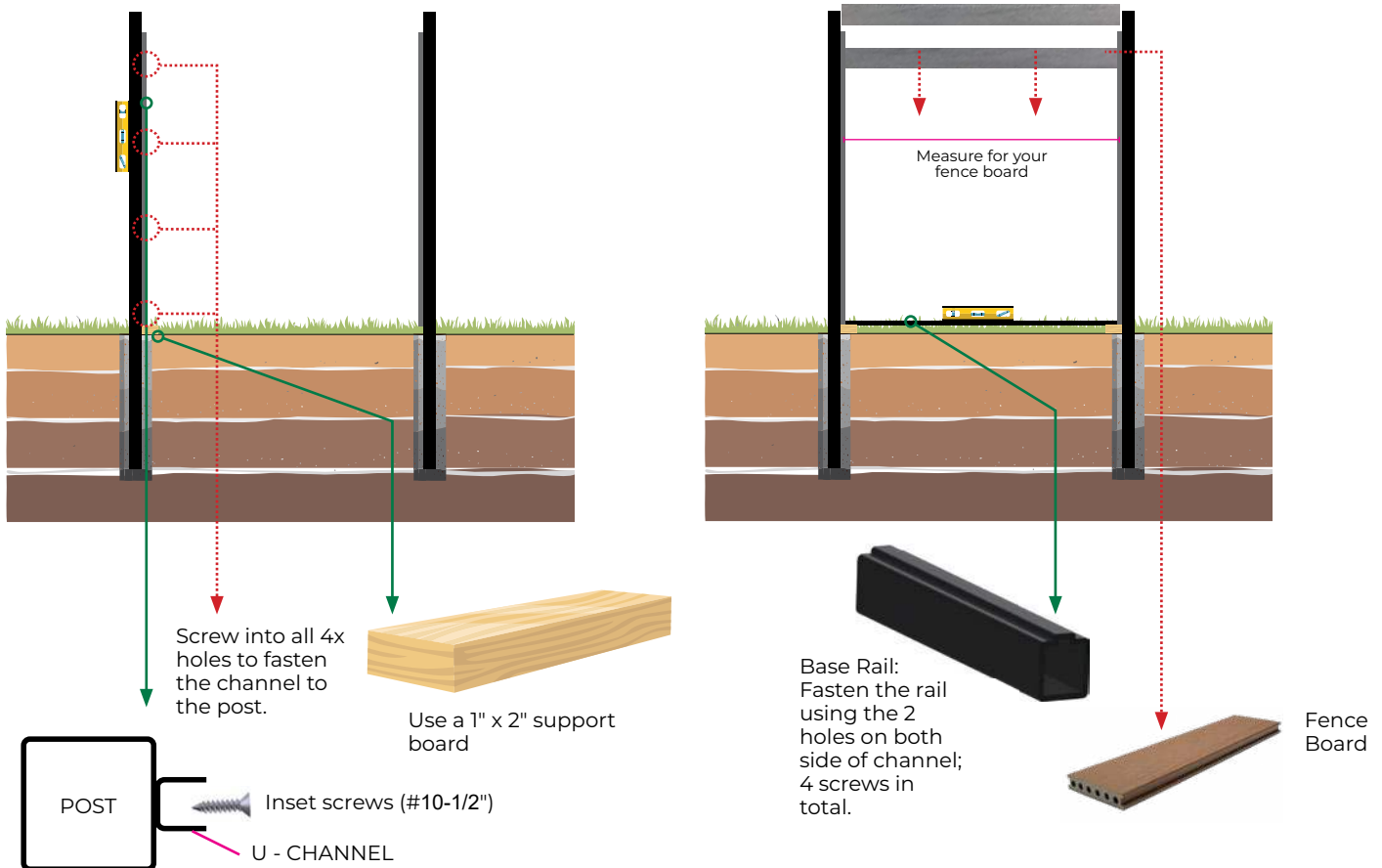**TRUNORTH™ SLIDE & GO FENCE**

INSTALLING C-CHANNELS + BOTTOM RAIL:

Place a channel against the side of the post facing, make sure its centered and aligned as straight as possible. Place a board flat on the ground to elevate the channel minimum 1" from the ground, level it, and fasten it with the provided screws. Measure channels and trim excess material from C Channels.
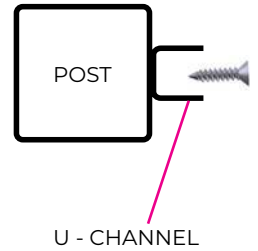
Repeat channel installation on remaining posts. Fasten it with the provided screws (inset screws). Now, you should have two channels facing each other between two level posts. Lay the bottom rail between the two channels flush with the bottom of the channels, with the tongue facing up. Fasten the rail using the black screws on each channel, two per channel on either side.

POST

U - CHANNEL

INSTALLING FIRST BOARD:

Make sure the board is appropriately sized between the ends of the boards and the channel, based on the temperature at the time of installation (see below). This will allow the boards to expand without bowing in extreme temperatures.

Measure for your fence board

Screw into all 4x holes to fasten the channel to the post.

Use a 1" x 2" support board

Base Rail: Fasten the rail using the 2 holes on both side of channel; 4 screws in total.

Fence Board

POST

Inset screws (#10-1/2")

U - CHANNEL

IMPORTANT NOTE:

- Installation day temperatures **above** 21°C/70°F: *Leave a ⅛" (3mm) gap* between each end and the channels, for a total of ¼" (6mm) shorter than the space between the channels.
- If it's **below** 21°C/70°F: *Leave a ¼" (6mm) gap* between each end and the channels, for a total of ½" (12mm) shorter than the space between the channels.

**IMPORTANT:** A 6' (1829mm) high fence will take 14 boards, 8' (2438 mm) fence 18 boards and 4' (1220 mm) fence 9 boards stacked.

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SLIDE & GO FENCE

INSTALL BOARDS EVENLY:

Install all of your bottom rails in the fence line before starting to stack boards in the panel. This will keep the posts level in your fence project during installation and prevent them from pulling toward the finished panel.
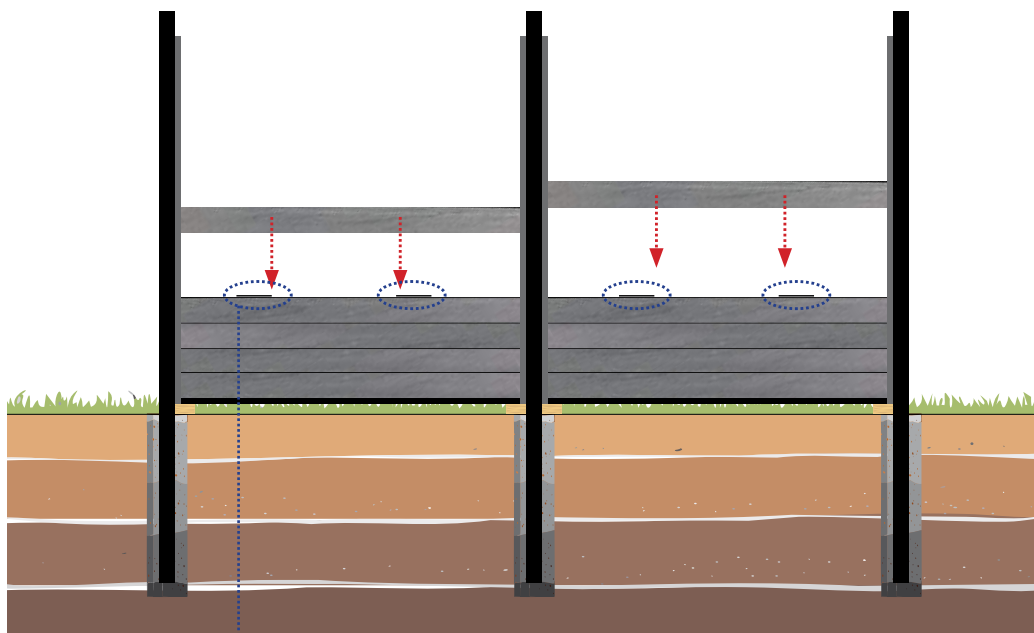
Once the bottom rail and base board is secured with the screws provided, slide 3 or 4 more Enviroboards into the channels on top of the baseboard on each panel. Add 2 spacers between every board, evenly spread apart, to create an even space between each board.

Repeat these steps to secure and stack all Enviroboards into all the panels of your Slide & Go Fence, making sure the fence boards remain level as you slide in the boards.

Spacer:
5" long *(Place 2 between each board)*
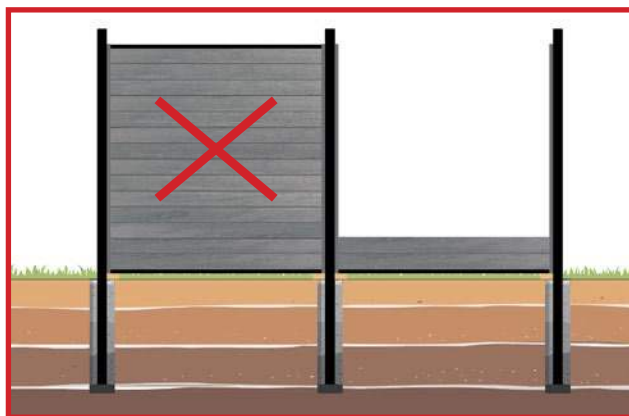
INSTALLING THE TOP RAILS:

Once each panel is filled with Enviroboards, slide the top rail into the top board with the tongue facing down into the groove. Fasten 4 screws 2 on the each side top rail to the channels on the sides using black self-tapping screws.

4x each side

4x each side

IMPORTANT:
Avoid finishing one full panel at a time to prevent pulling posts. Instead, create low, mid, and top stacks (4 - 5 boards each) on each panel until the fence reaches the desired height.
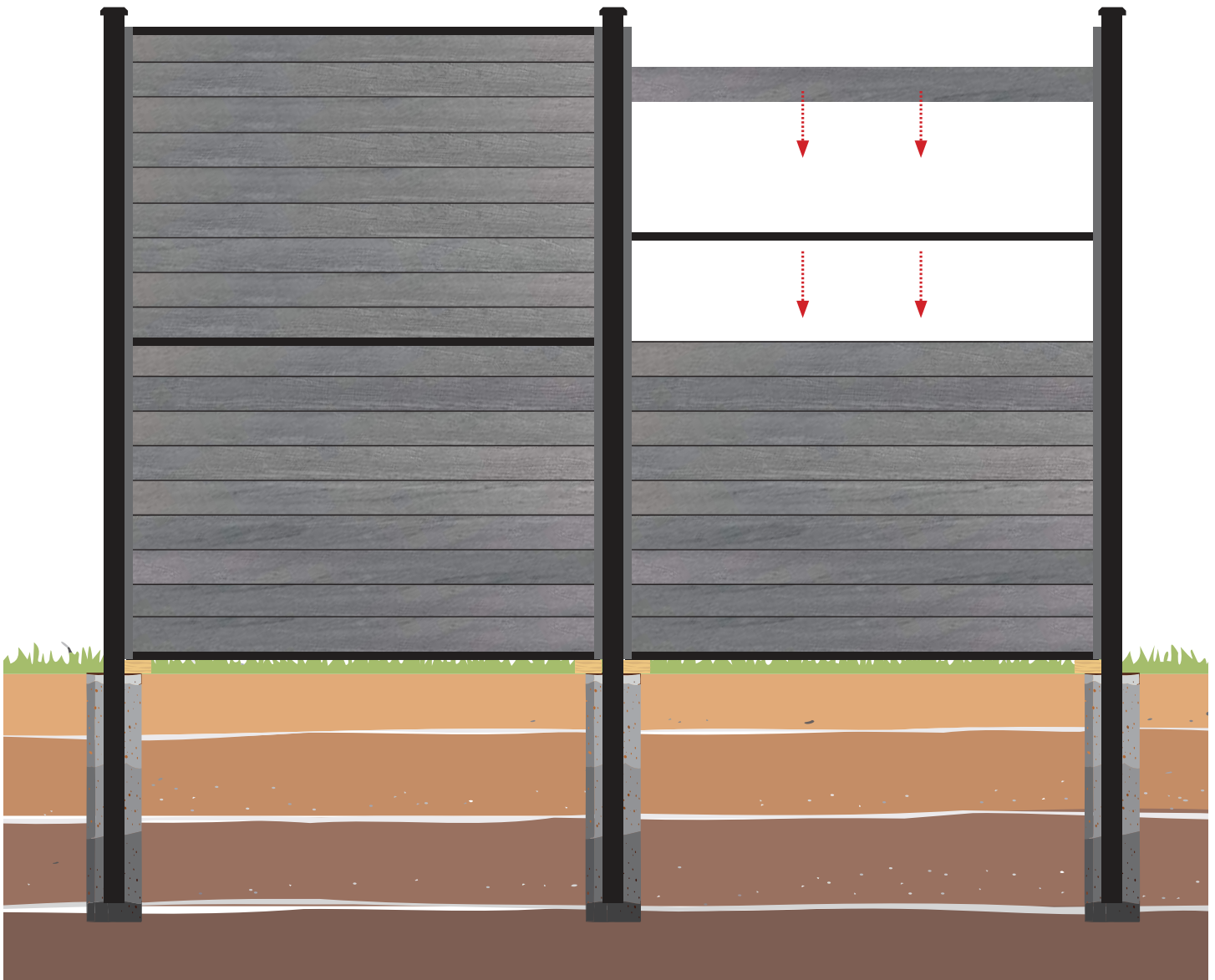◆
If there is a slight curve in the Enviroboard, ensure that it is placed so that the sides curve up (like a smile). Boards may be manupulated with a bit of force.

INSTALLATION INSTRUCTIONS:

8FT FENCE:

Install posts, side channels, and the bottom rail as per previously noted instructions. Start to add the Enviroboards with 2 spacers between each.

After the panel is filled with 9 Enviroboards, slide the middle rail into the channels, then add 9 more Enviroboards with 2 spacers between each.

Then insert the top rail on top, and fasten with 2 black screws on either side to the channels on the sides.

REQUIRED:
The middle rail is necessary to create a sturdy structure and to prevent sagging boards.
◆
If there is a slight curve in the Enviroboard, ensure that it is placed so that the sides curve up (like a smile).
Use some force to pull one side down.

TRIM POST AND INSTALL TOP CAPS:

After installing all the boards and completing the fence, trim the tops of the posts with a metal cutting blade if needed. Use a metal cutting blade on a circular saw for one side, then finish with a reciprocating saw to cut posts to desired height.

If only a reciprocating saw is available, start with a hacksaw to guide the blade and prevent jumping.
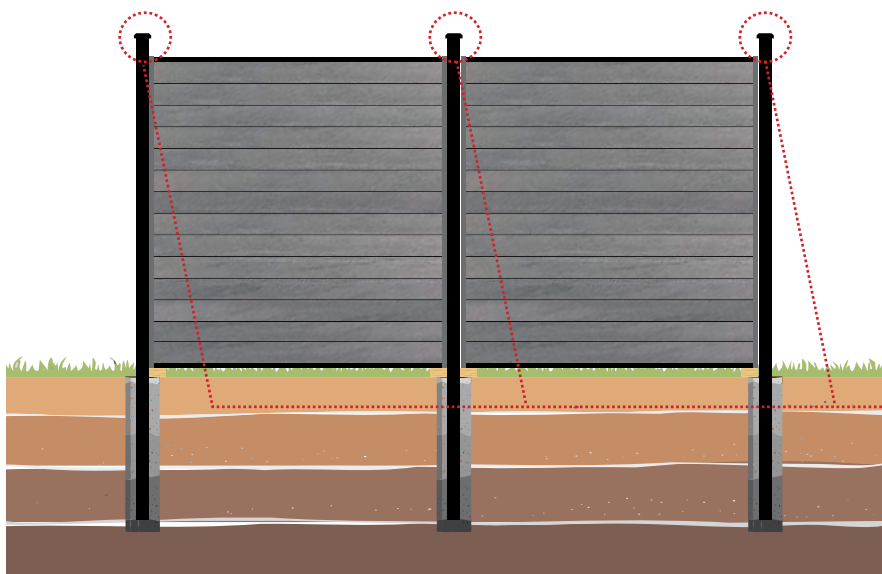
Place a self-tightening aluminium post cap on the top of each post. Tap each with a rubber mallet until secured tightly and straight. Post caps should sit approximately 1 - 2" (25mm - 50mm) above the top of the fence boards for a nice clean appearance.

Post Cap

GATE INSTALLATION:
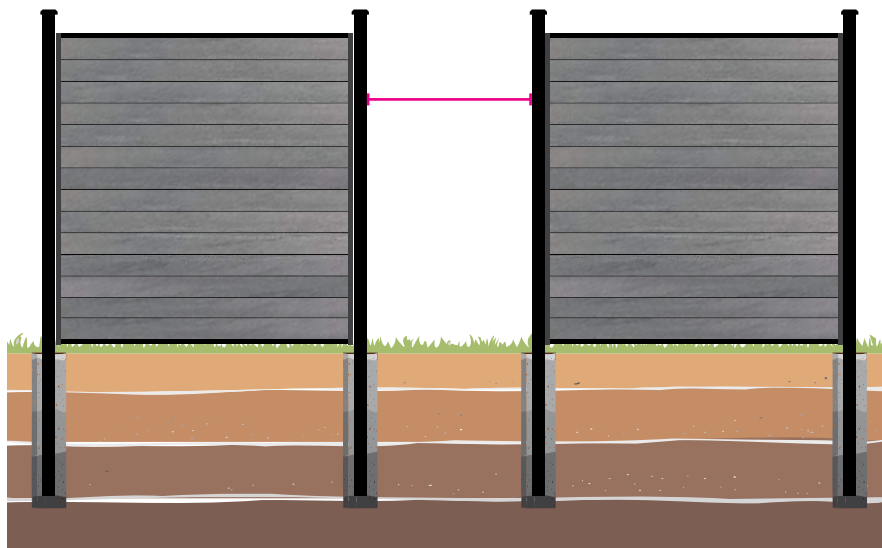
GATE KIT:

Measure the gap between the posts where the gate will be installed. Subtract 1.5" (38 mm) — give 0.75" (19mm) gap to each side — from this measurement to get the width of the gate's frame. Start to build the gate frame with cutting top and bottom rail based on the measurements.

IMPORTANT: Our kit is designed for a 36"(914 mm) maximum width. If built greater than 36" (914 mm) additional hinges, anti-sag kits and/or wheels will need to be purchased separately in order to support the gate that is larger than 36" (914 mm) wide.

GATE FRAME ASSEMBLY:

Attach the bottom rail to the channels with a short black self-tapping screw through one hole at the bottom of each channel. This allows flexibility for inserting the Enviroboards. Tighten the screws after you check the corners with angle square.

SIDE CHANNEL   TOP & BOTTOM RAIL
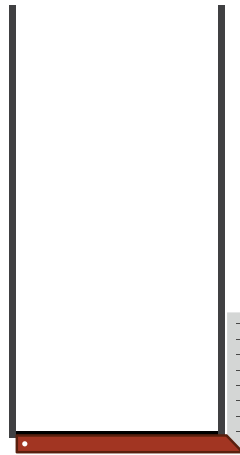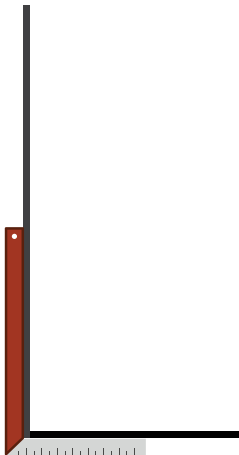
- After you cut bottom rail, use a side channel and secure them in the corner with (2x) Black screws each side.
- Check it with Angle square for perfect square edge.
- Repeat the same process for right side.
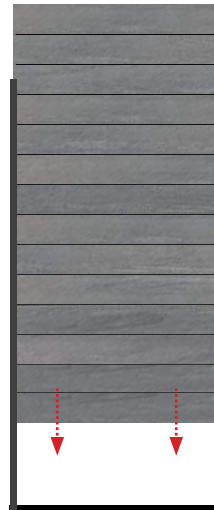
- Cut the boards to length leaving the appropriate gap at the ends of the boards and the channel, based on the temperature at the time of installation. *(See Pg. 3)*
- Add the top channel after and make sure all the corners have 90° angle using square.


IMPORTANT:

See the Page 4 for leaving the appropriate gap at the ends of the boards and the channel, based on the temperature at the time of installation.

- Place the corner brackets on the corners and secure with (4x) black screws for each brackets.
- There will be 4x corner brackets required for both sides of the gate. 8 brackets in total.
- Check all the corners and make sure all the corners have 90° angle.

TRUNORTH™ SLIDE & GO FENCE

INSTALL HINGES:
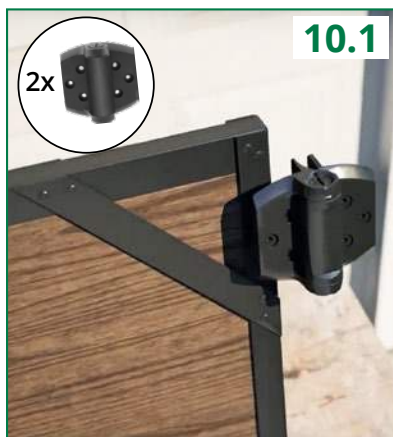
Use the corner brackets as reference point for even space placement of hinges *(See 10.1)*. Screw with 3 black self-tapping screws on each hinge *(See 10.2)*. Additionally use 2 black screws to secure hinges on side *(See 10.3)*. Repeat the process for the bottom hinge *(See 10.4)*.

Make sure that the cap on the hinge barrel for tension adjustment is in "up" position when the gate is hung.

INSTALL BUILT GATE:

Use a 2x4 wood piece to support the base and create an even gap under fence *(see 10.5)*. Level the gate and align with the post *(see 10.6)*. Once they are flush and level, secure the gate to the post *(see 10.7)* and repeat it for the bottom hinge *(see 10.8)*.

9

INSTALL GATE LATCH & HANDLE:

11.1

11.2

11.3

11.4

11.5
1/4" - 1/2"

11.6

11.7

11.8

Measure approximately 52" from the bottom of the gate *(see 11.1)*. Position the bottom of your latch where marked and level, screw in 1 black screw on side closest to post *(See 11.2)*.

Mark oval cut area with pencil, allow latch to fall exposing marked oval to be cut out with drill *(see 11.3)*. Use a 1/2" drill bit to create a hole in the gate for the latch *(see 11.4)*.

Close the gate toward the post, making sure that the latch lever is at the bottom of its movable range. Position the strike plate on the inside of the gate post so the latch lever is also sitting on the bottom of the strike catch (approximately 1/4" to 1/2" from the tall inside edge of the strike plate - *See 11.5)*.

Mark the screw holes for the tall side of the strike plate onto the gate *(see 11.6)*. Use the 3/4" self drilling screw to secure it on the post, make sure that the latch assembly lever catches the strike plate and falls into position easily *(see 11.7)*, if not adjust the strike plate up or down by loosening the screws. Take the thumb lever and insert it sideways into the top handle hole, to lock turn the thumb pad.

Insert the long thumb lever through the gate, guide it underneath the latch lever until the handle is flush against the front of the gate. Find the perfect position for the handle and secure it to the gate from the (2) holes on the handle *(see 11.8)*.

PRIVACY SCREEN INSTALLATION:

(4x)
3/8 x 3" Stainless Steel Lag Bolt and Washer

12.1

12.2

12.3
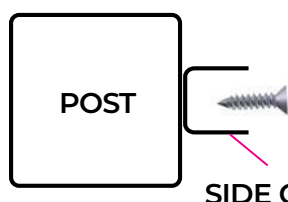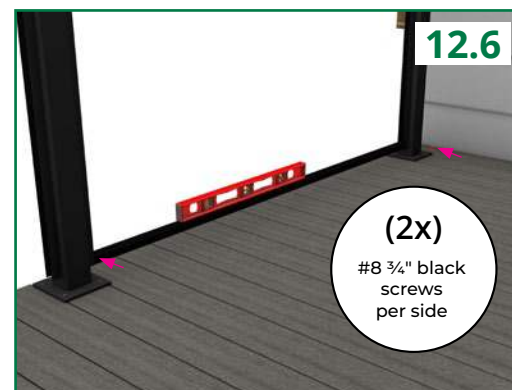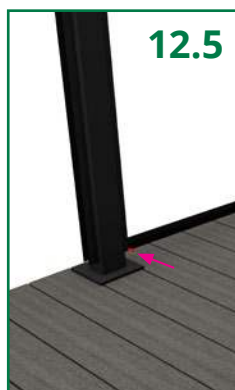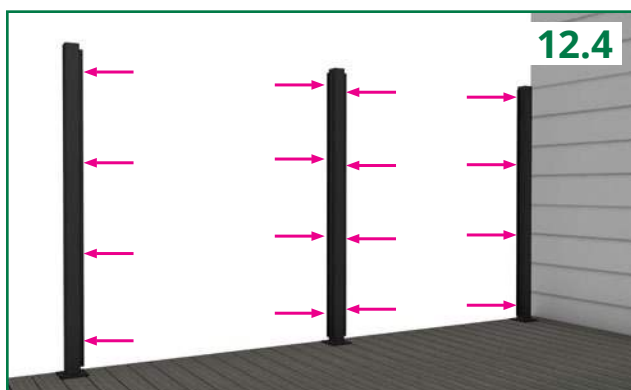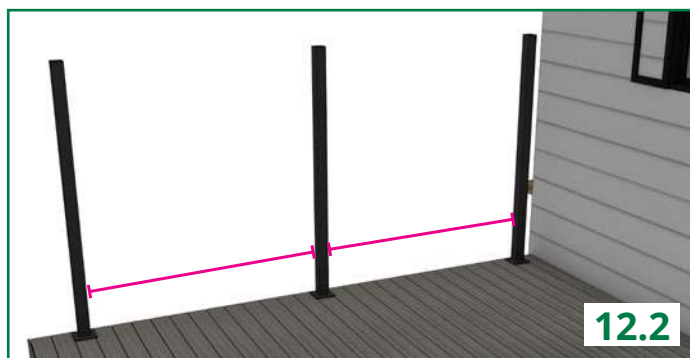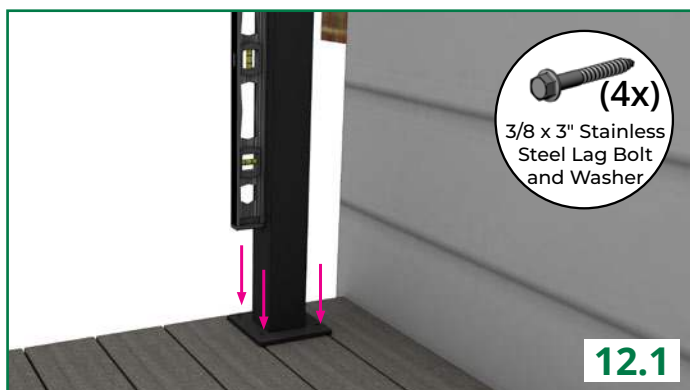
- Use a chalk line or string to lay out a straight fence line. Position each plated post with its base plate centered on your marked points. Mark and drill pilot holes according to surface type:
  Use lag bolts on wood or framing and check with level to ensure each post is perfectly vertical *(see 12.1)*.
  Use concrete anchors for concrete surface.
- Tighten bolts firmly after confirming plumb alignment.
- Mark the center point of each plated posts up to 72.25" (1835 mm) apart *(see 12.2)*.
- Ensure the surface is level and solid (e.g., concrete, deck framing). Consult building code for framing requirements.
- Place the aluminum (U) channels on the inside face of each post. Elevate the channel 1"off the ground using a board as a spacer *(see 12.3)*.
- Center it vertically and fasten with (4) four screws into the post. Repeat on the opposite post for each panel. *(see 12.4)*
- To trim channels to desired size to avoid excess trim (see from previous version of instructions).
- Insert the bottom rail between channels, with the tongue facing up. Fasten loose with 1 screw initially to keep it in the side channel *(see 12.5)*. After make sure its leveled the channel fasten it through the four pre-drilled holes in the channels (2 black screws per side) *(see 12.6)*.

12.4

12.5

12.6

(2x)
#8 ¾" black screws per side

POST

SIDE CHANNEL

SIDE CHANNEL

TOP & BOTTOM RAIL

PRIVACY SCREEN INSTALLATION:

UPDATED ON JULY 2025

(2x)
Spacer:
5" long (2 placed between each board)

12.7

12.8

12.9

- Begin inserting Enviroboards into the channel above the bottom rail.
- Use two spacers between each board, spaced evenly (Plastic spacers) *(see 12.7)*.
- For TruNorth, install a total of 14 boards *(see 12.8)*.
- Once all the boards are stacked, insert the top rail with tongue facing down. Fasten the rail ends to the channels using self-tapping screws *(see 12.9)*.
- Tap aluminum post caps into place using a rubber mallet. Caps should sit 1–2" above the top rail for a clean look *(see 12.10)*.

Post Cap

12.10
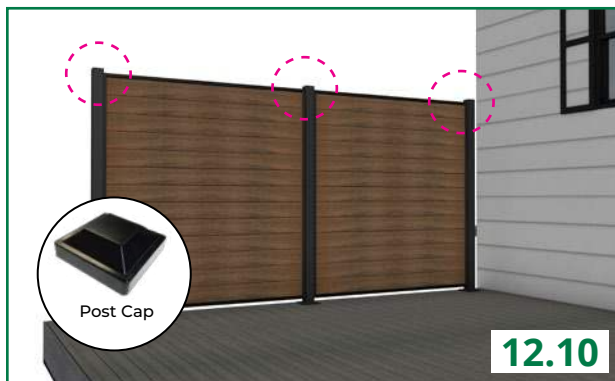
THANK YOU FOR CHOOSING US!
Please share your photos / videos of your TruNorth® Slide & Go™ fencing projects on social media and tag us!

Scan this QR code with your device to register your warranty

T R U N O R T H D E C K I N G . C O M