



DIY PATIO COVERS

INSTALLATION
GUIDE

ALUMI-KIT INC.

THE MAIN SOURCE OF
PATIO COVER KITS

PATIOCOVERKITS.NET

TEL: 954-519-3908

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Plan the desired location for your cover patio.

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Measure the width of the desired location. In this case, it will be 20' ft.

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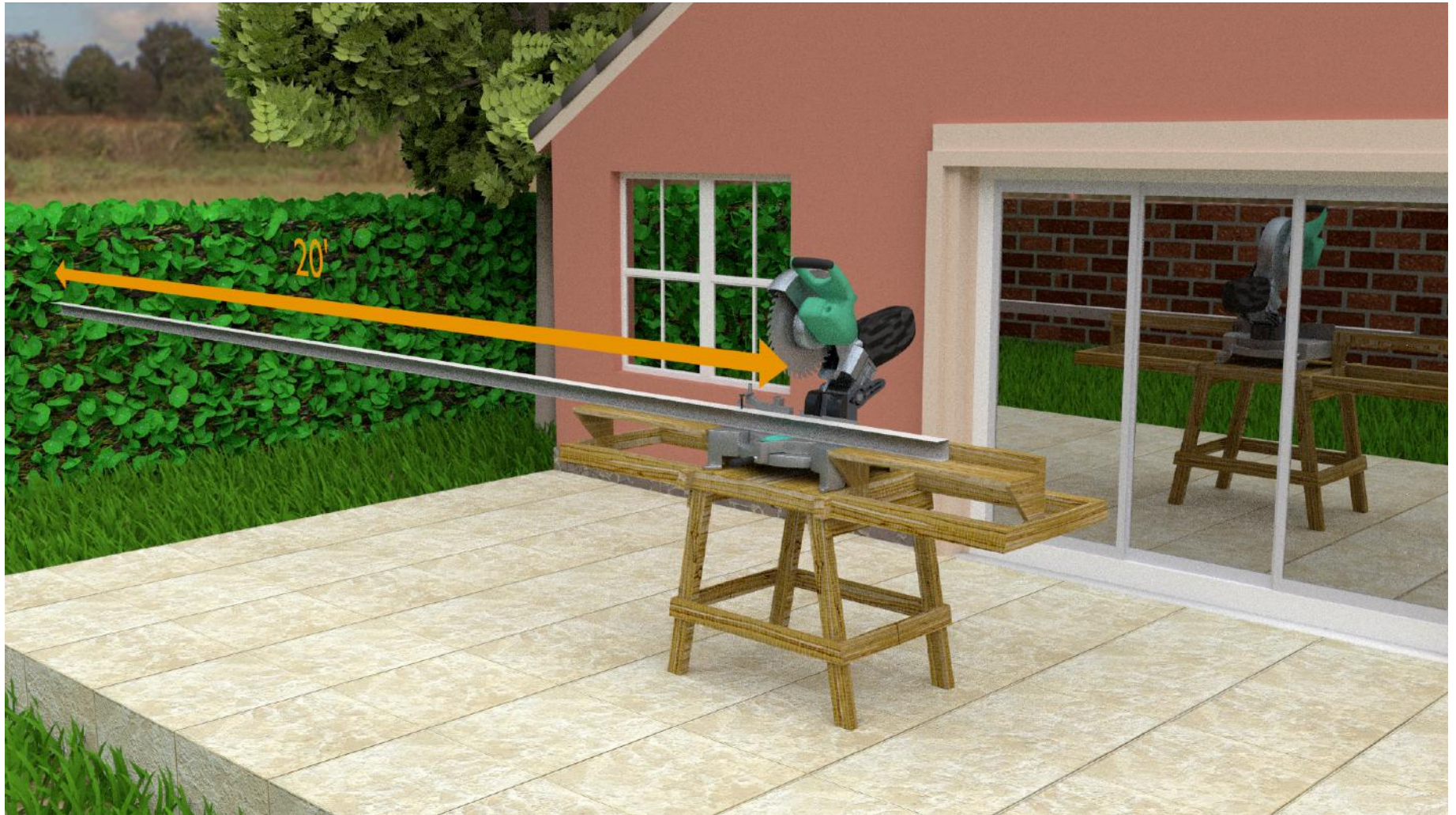
Determine the height for your c-channel while using a level and mark with a short line.

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Measure the c-channel and prepare to cut if necessary.

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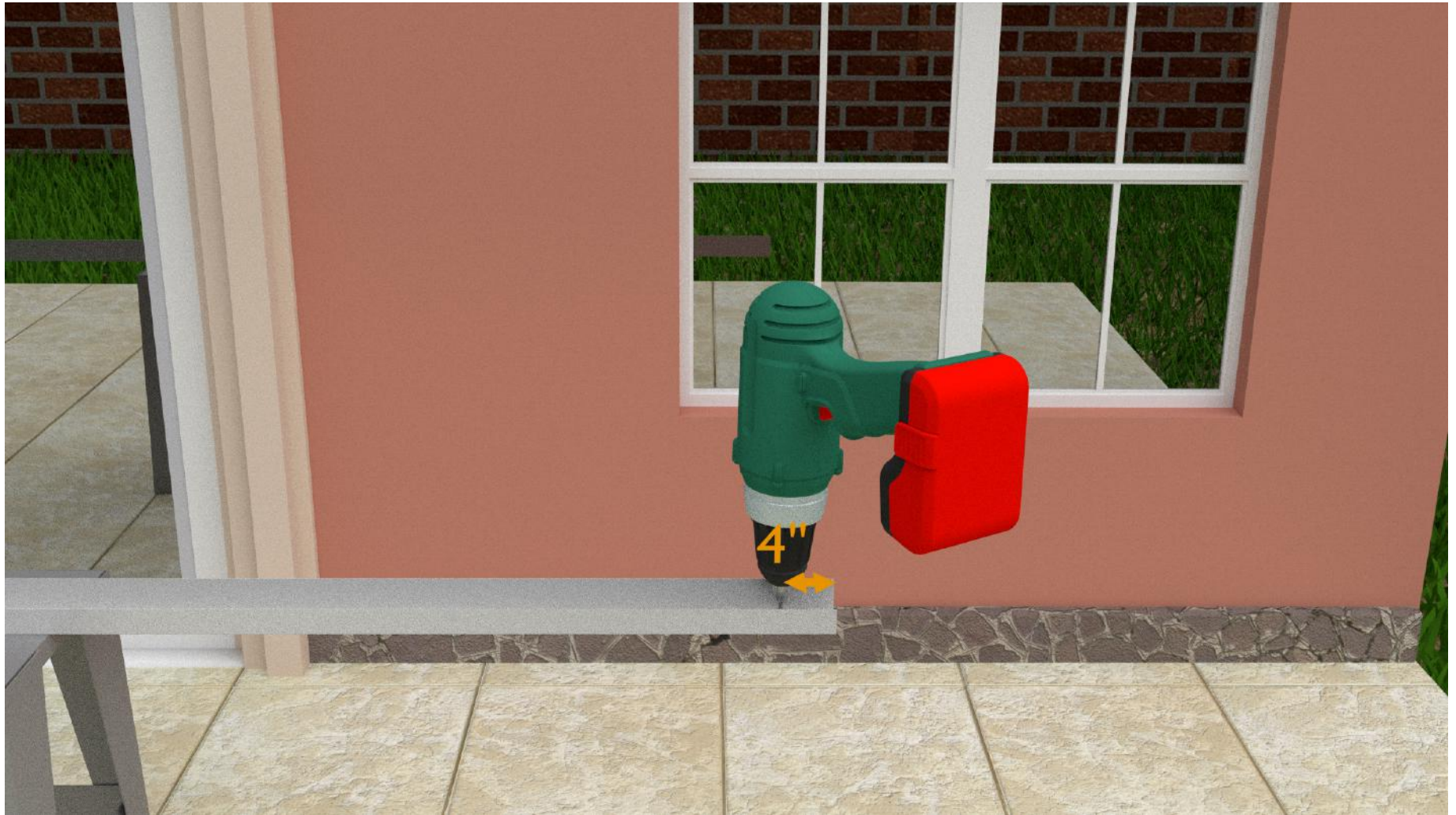
Using a miter saw to cut the c-channel to the desired length.

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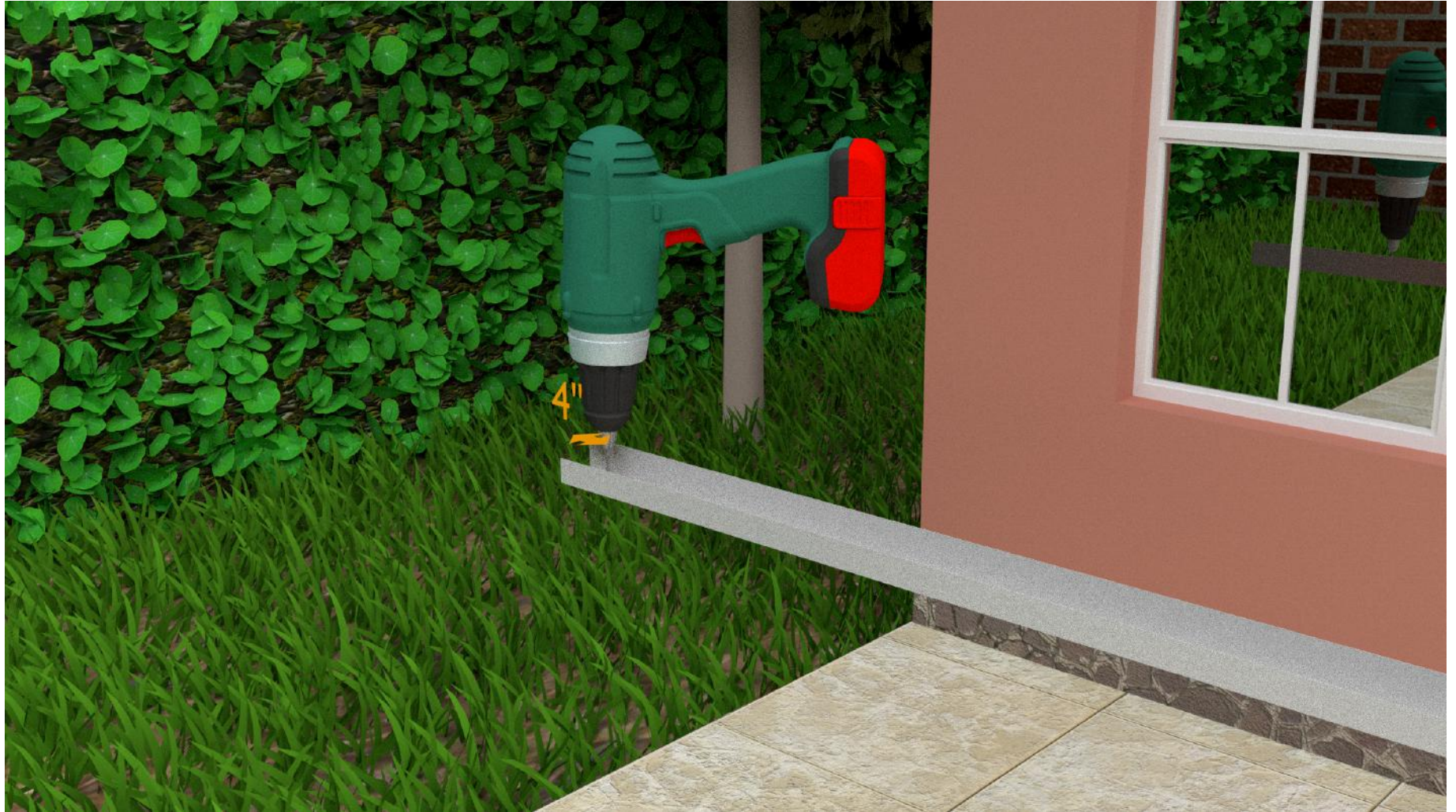
Prepare to drill the holes into the c-channel.

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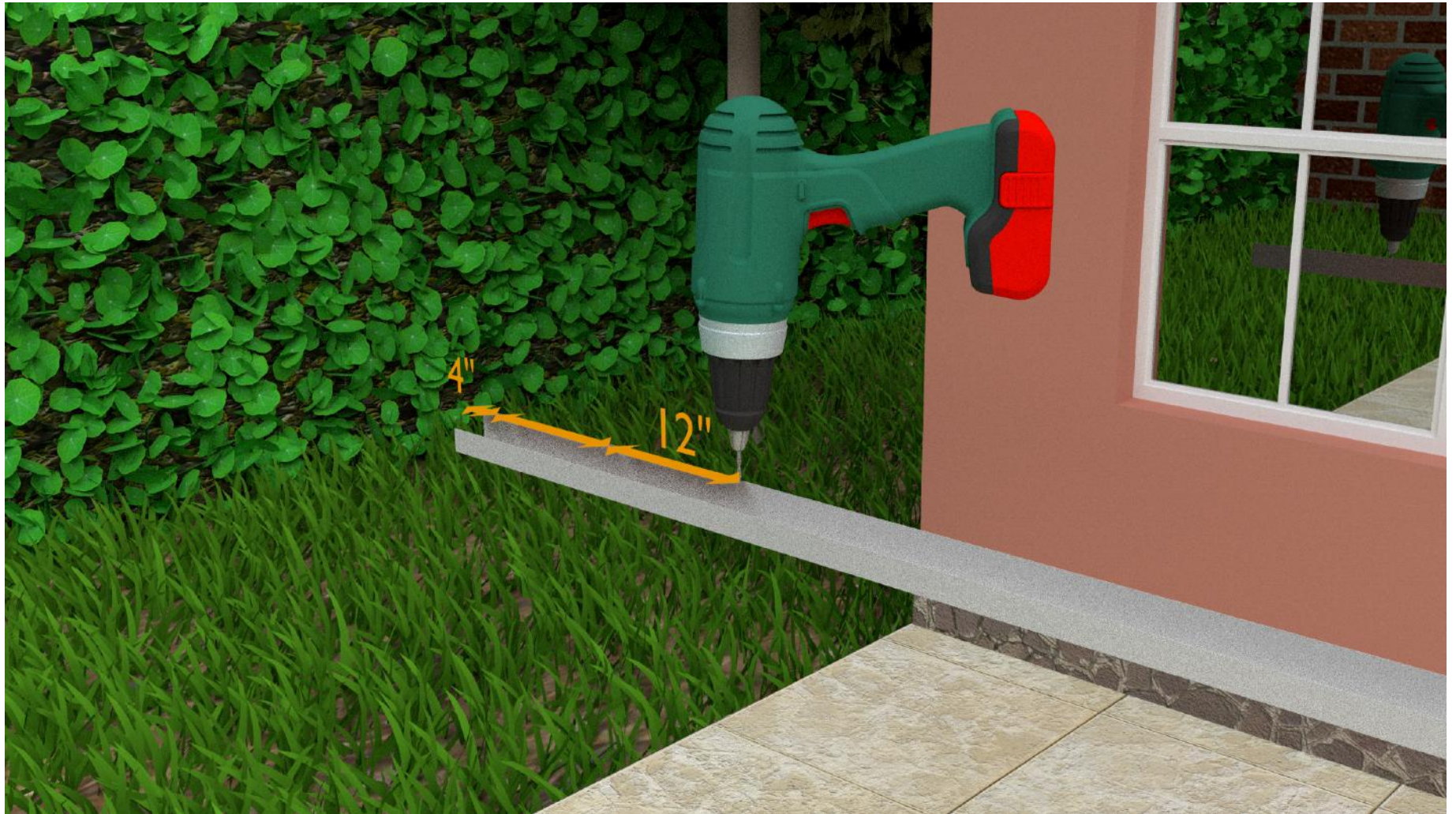
Drill the first hole at 4" from the edge of the c-channel.

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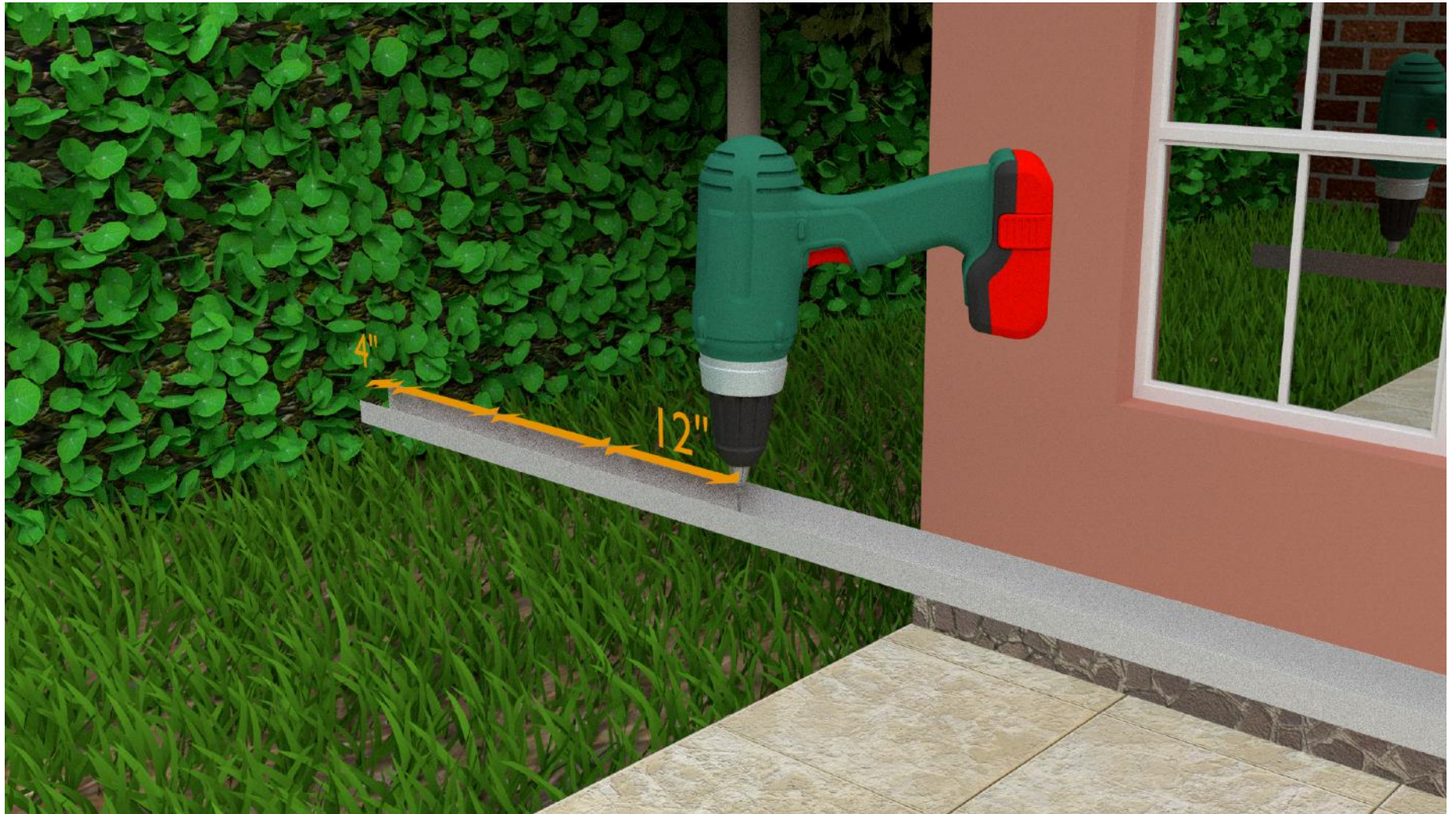
Drill the second hole at 4" from the other end of the edge of the c-channel.

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Keep the recommended spacing at every 12".

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Keep the recommended spacing at every 12".

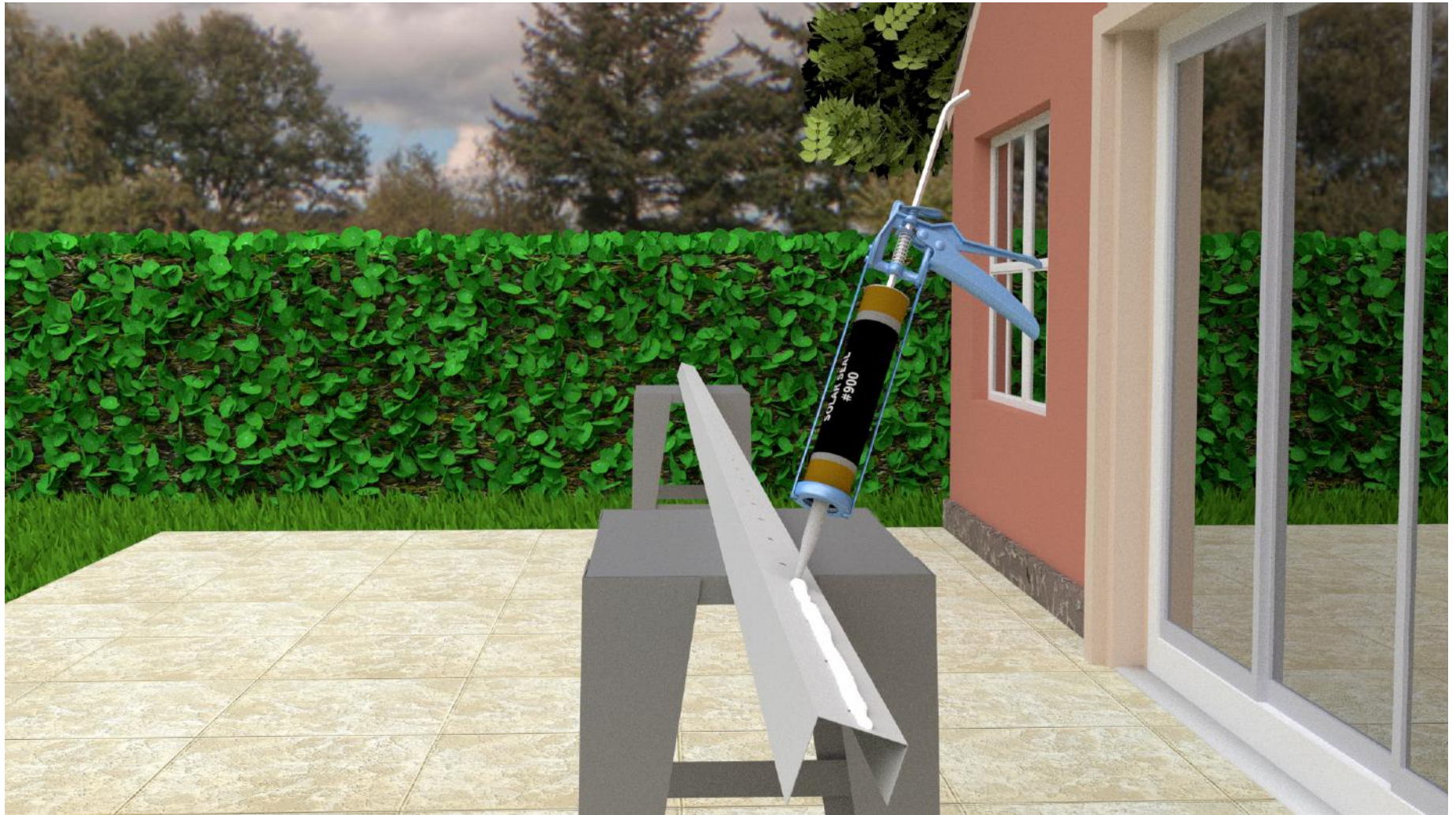
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STEP 4
CAULKING AND INSTALLING
THE U-CHANNEL
(with tapcons)

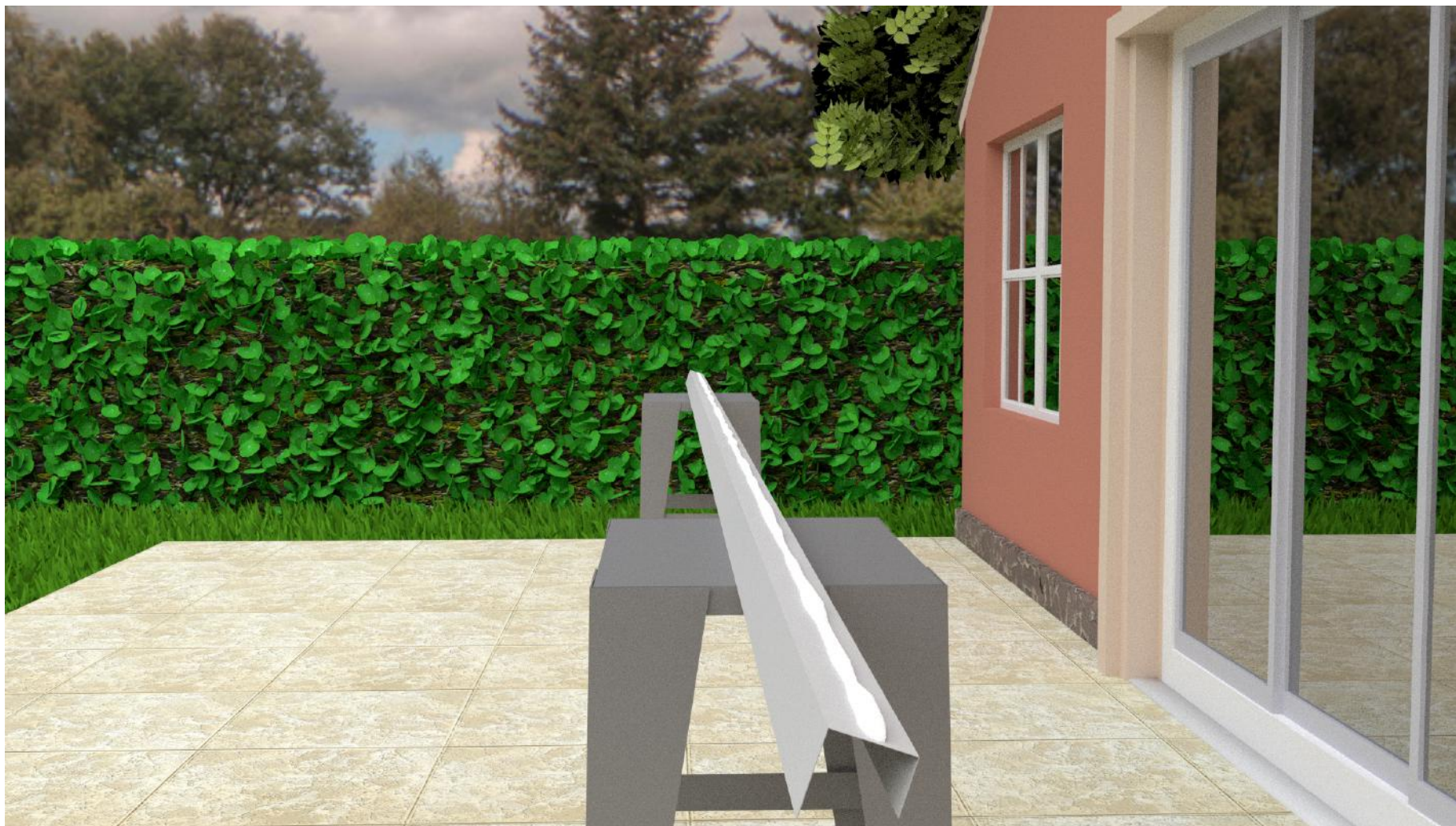
Prepare to caulk the back of the c-channel with the solar seal (included).

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Apply enough caulking to ensure there is no water penetration.

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Prepare the c-channel for installation.

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Ensure the longer lip on the c-channel is at the top, secure with $\frac{1}{4}$ tapcons (included).

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Tip: Use a hammer drill with a 1/4" concrete drill bit for best results.

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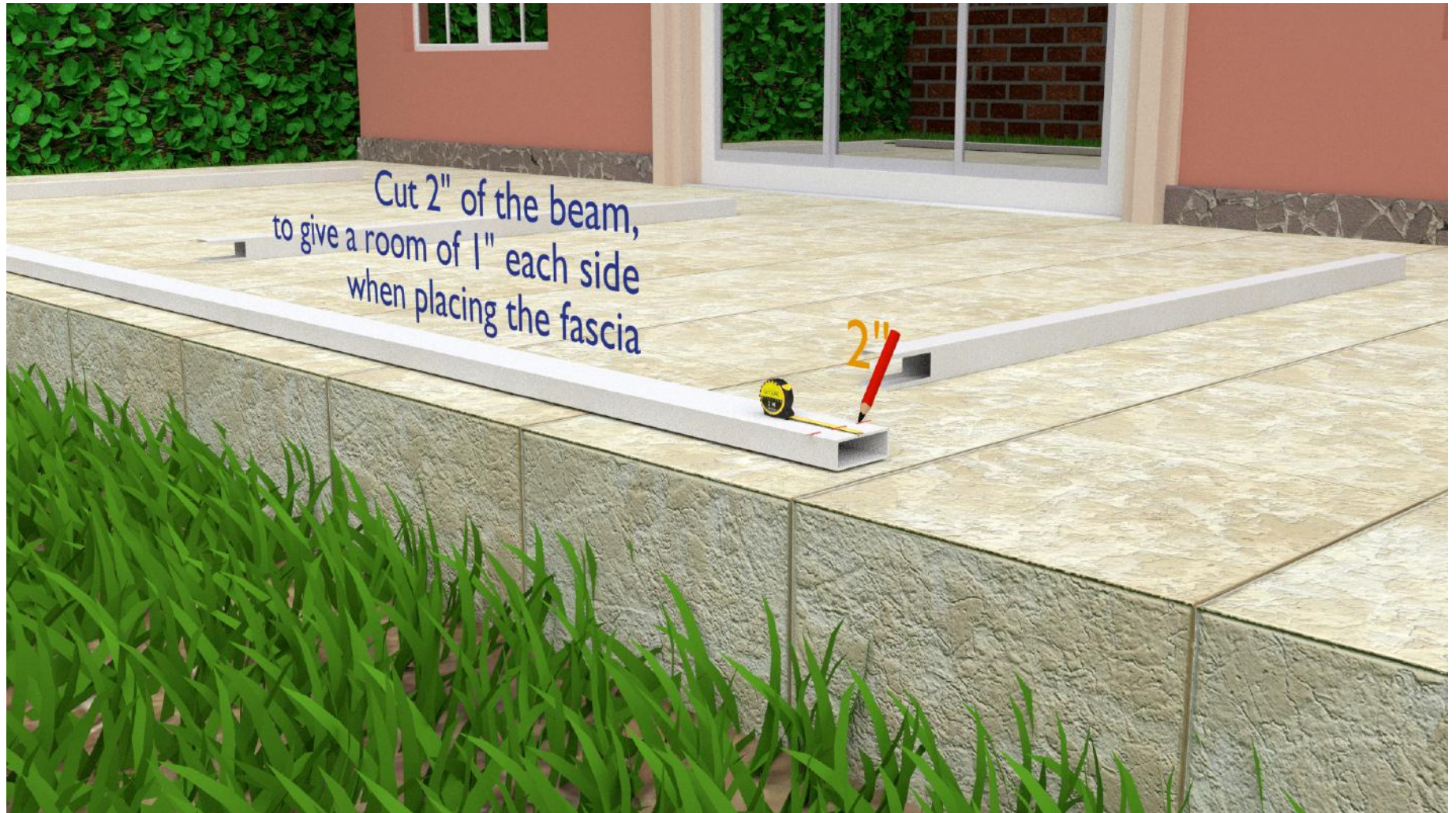
Apply a second layer of caulking between the c-channel and the wall.

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Lay out the post and beam with the desired spacing.

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Tip: Cut 2" of the beam to leave space for the fascia installation.

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Mark the location of the end post onto the beam. We recommend to leave 12" overhang on each side.

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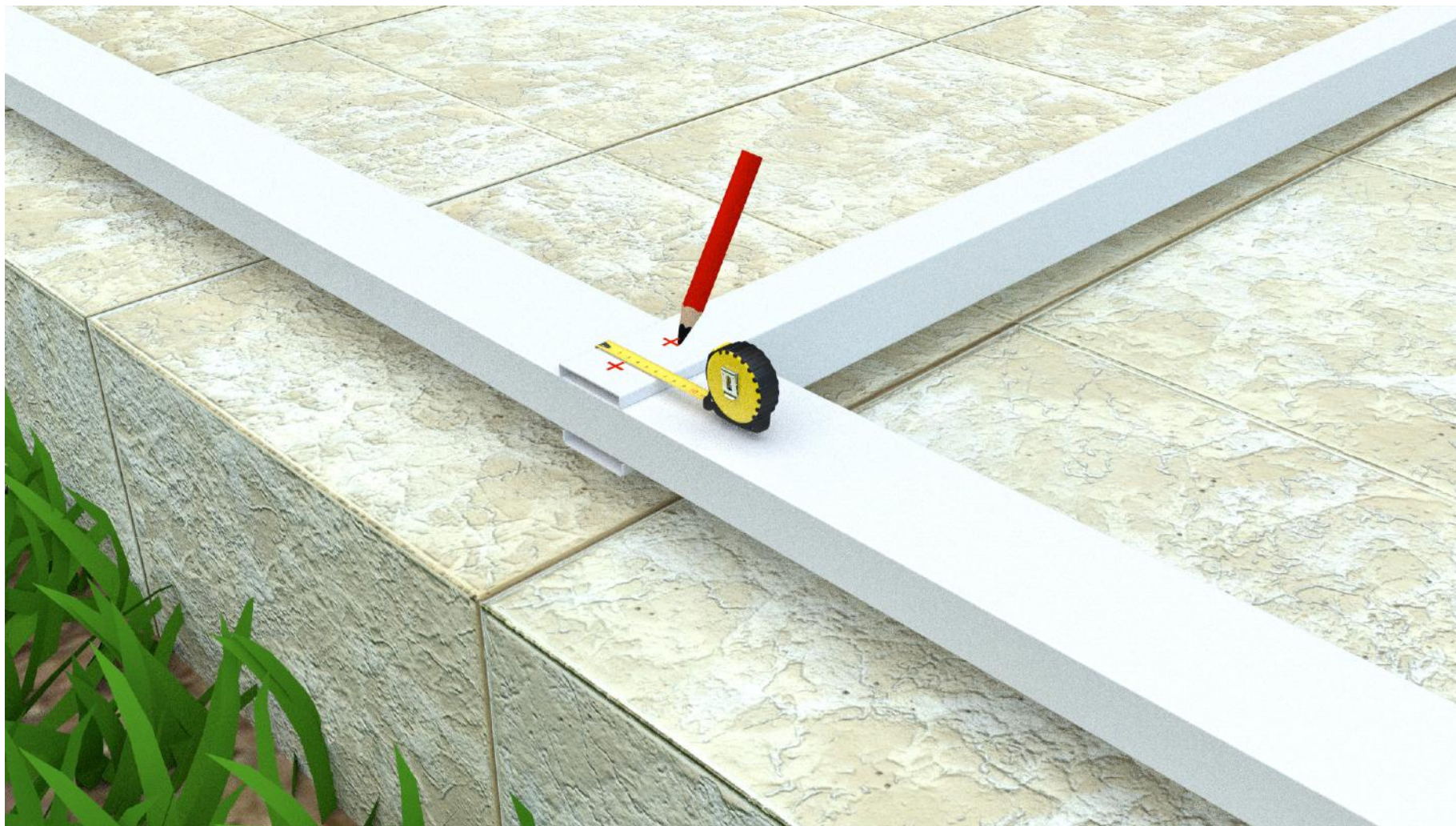
We recommend to leave 12" overhang on each side.

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Insert your beam into the post.

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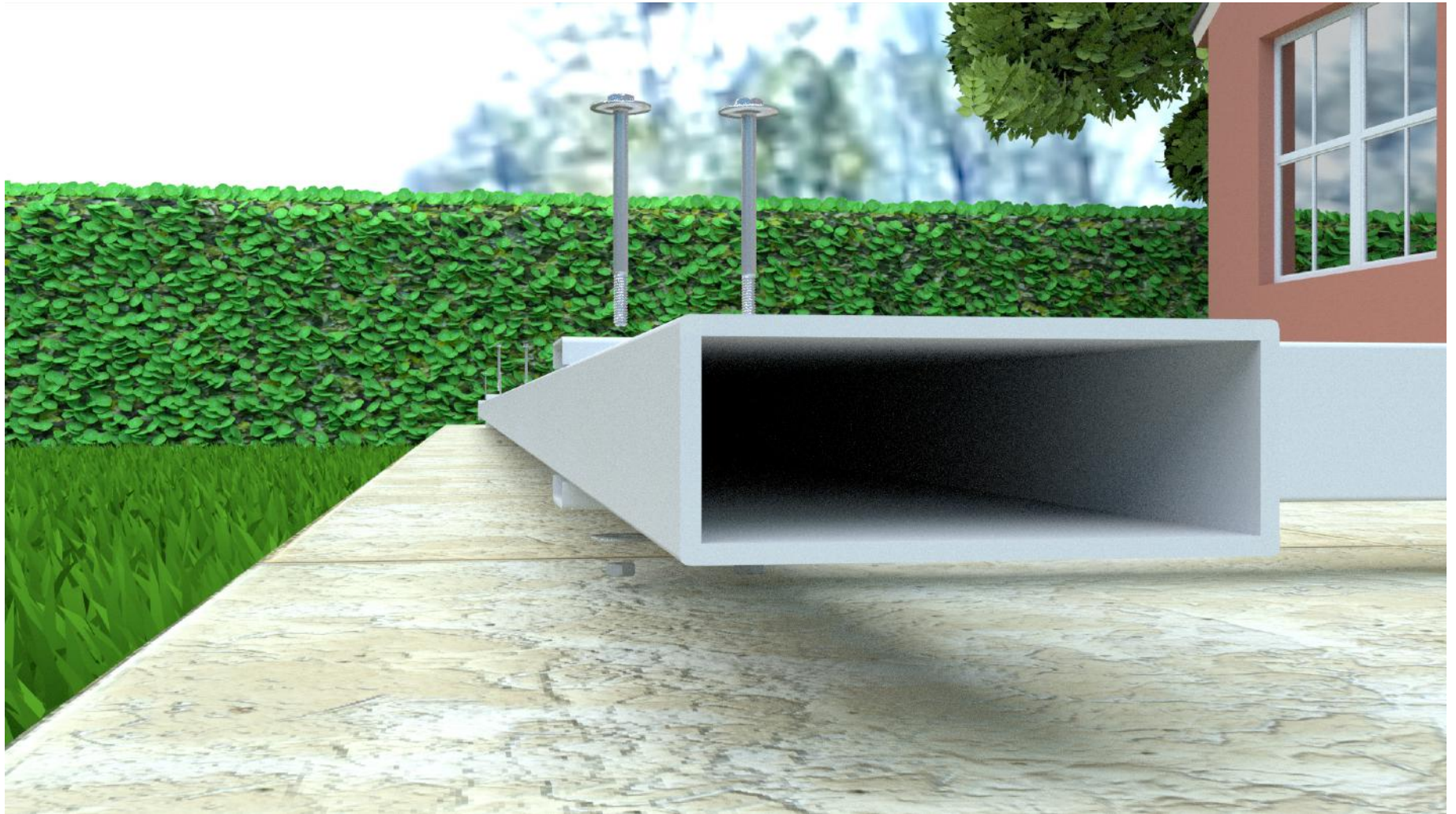
Find the center on each 3x3 post and mark the holes for the 3/8 hex bolts.

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Drill two 3/8 holes on each post.

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Use the 3/8 hex bolts to secure the beam into the post.

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Mark the location of the two end posts.

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We recommend to leave 12" overhang on the front side as well. In this case the panels are 12' ft.

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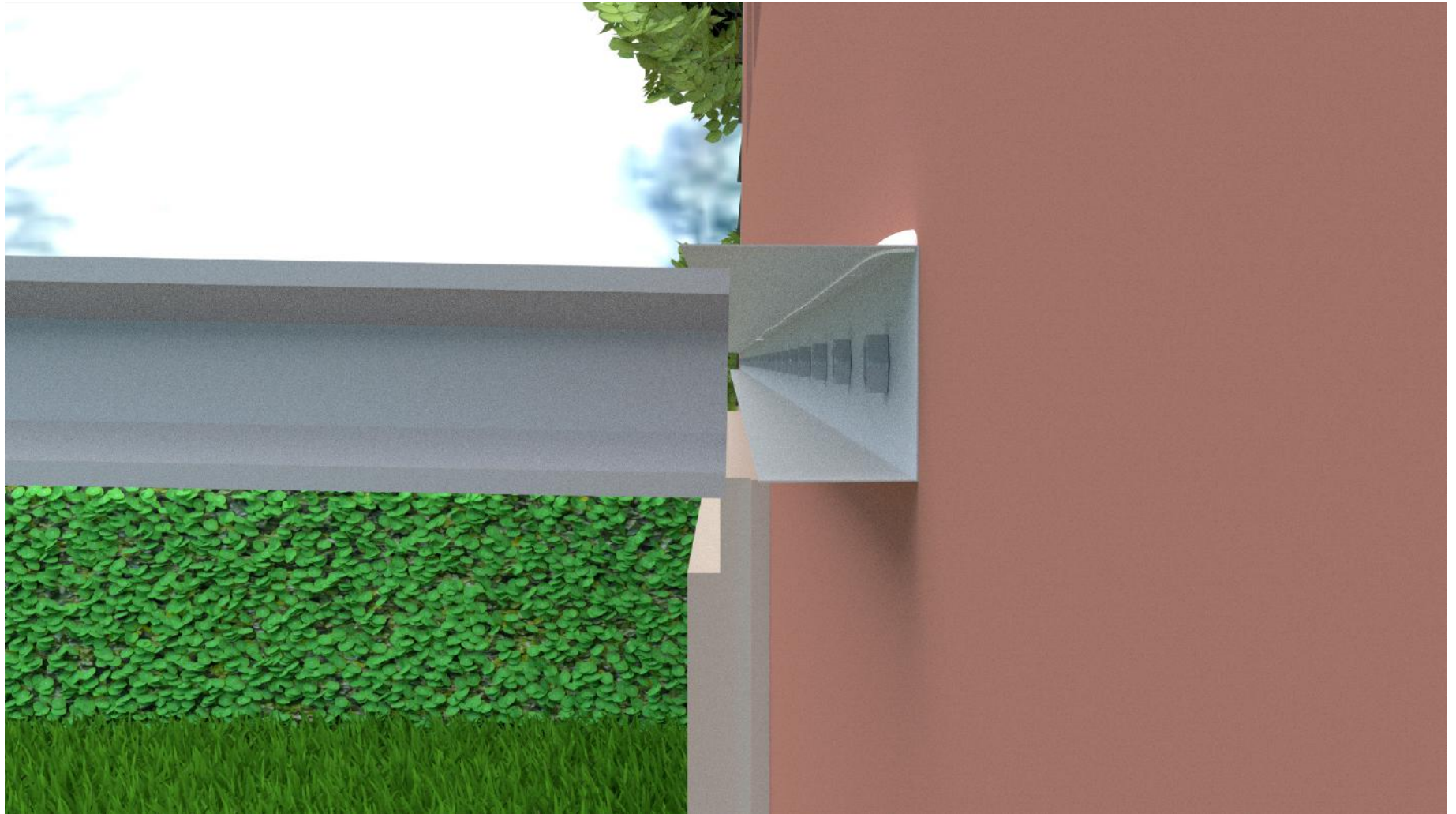
Prepare the installation of your first panel.

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Prepare the installation of the first panel with additional help. The female side should be in the outside.

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Push the panel under the longer lip first, then continue to push the panel against the wall.

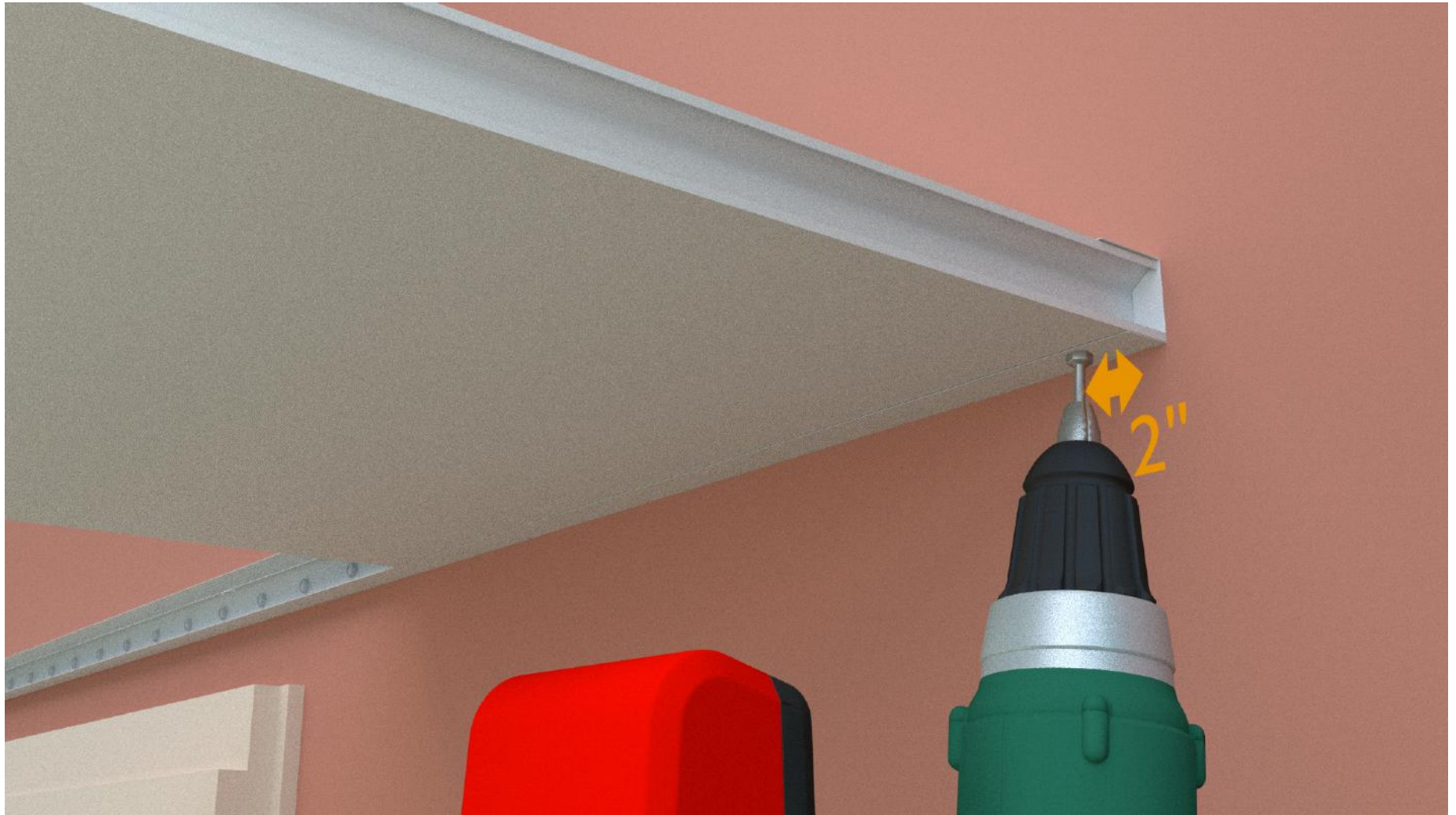
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Try not to leave a gap between the panel and the back of the wall header.

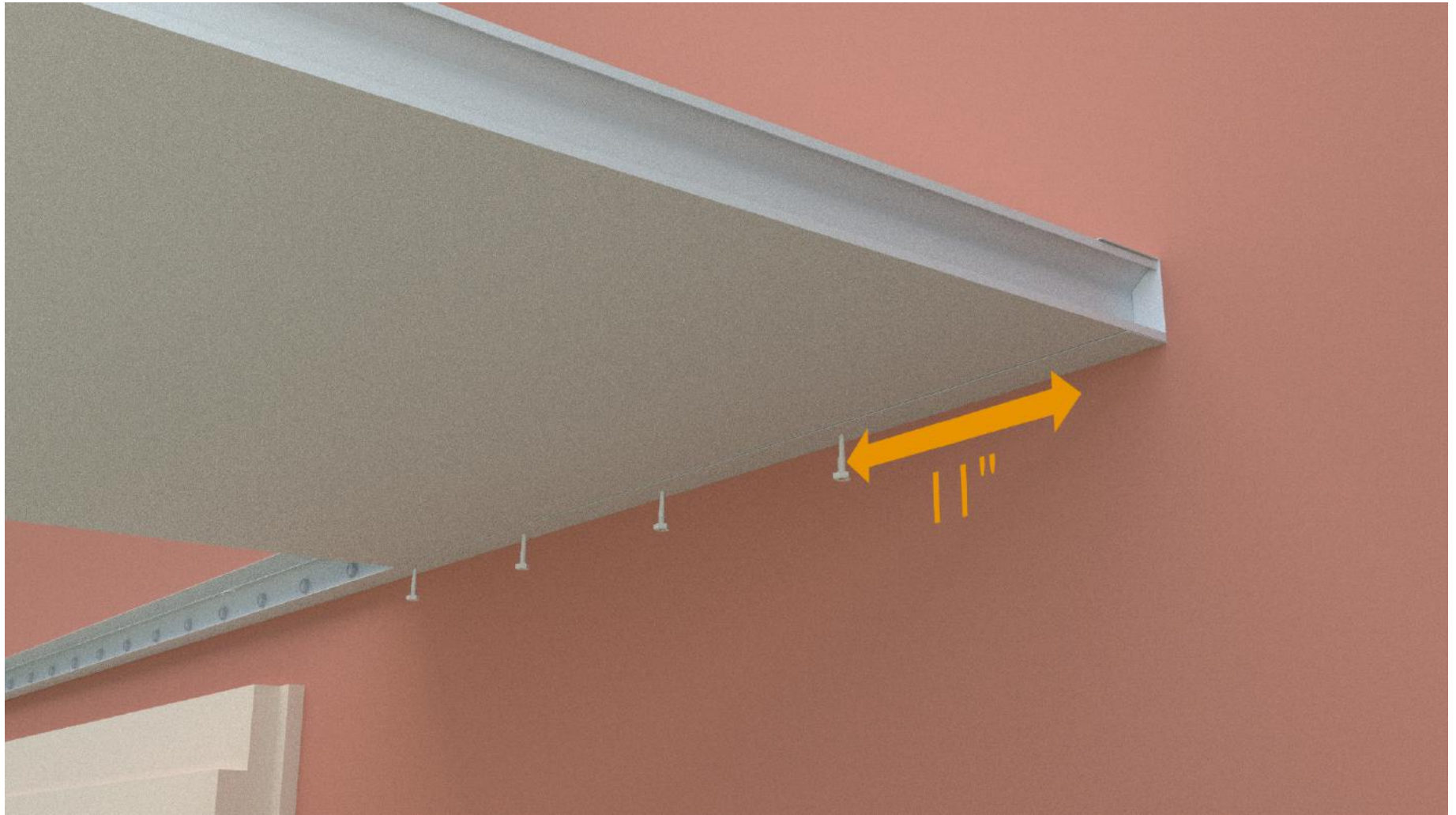
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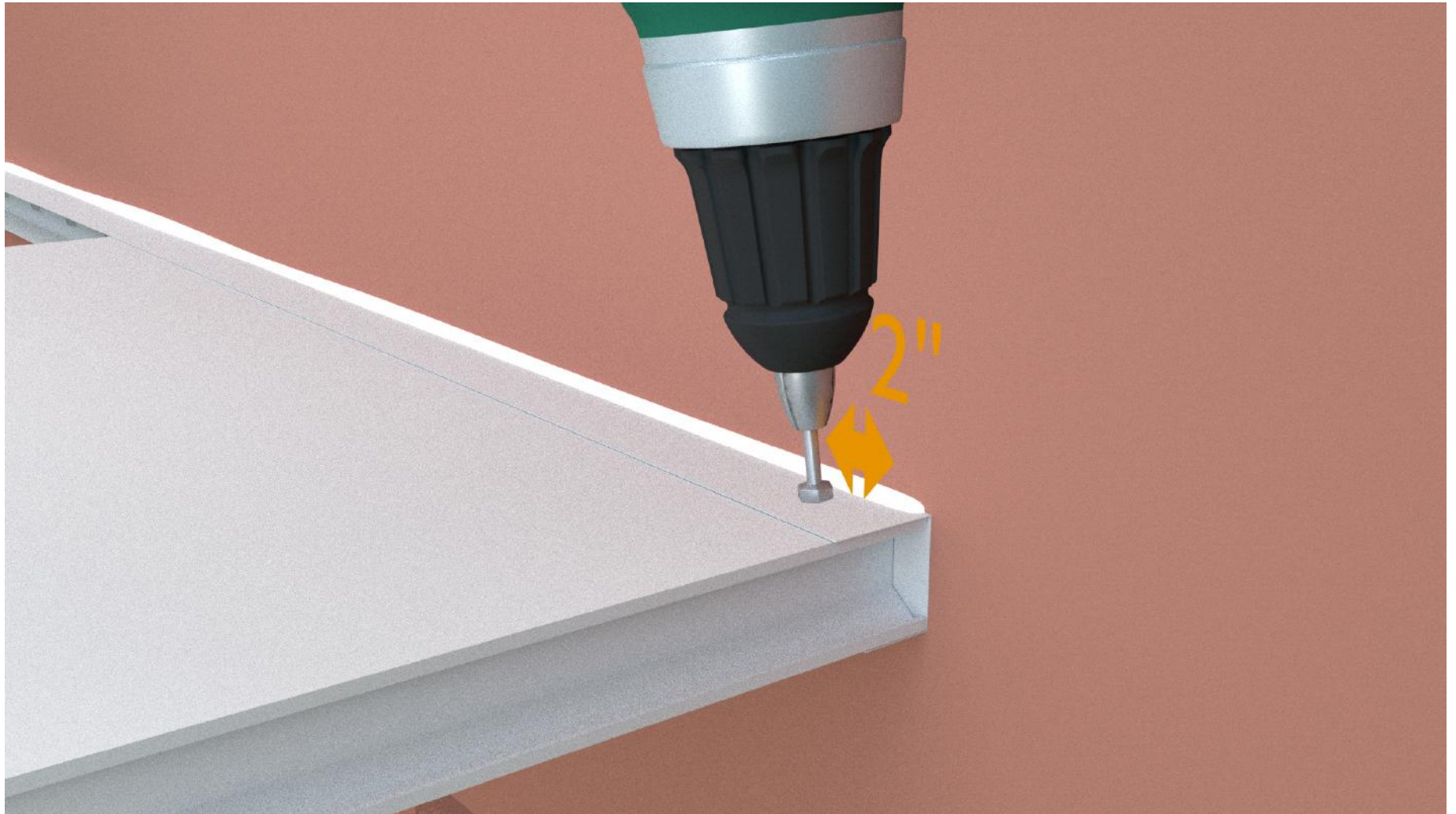
Secure the panels with a tek screw #12 at 2" of the edge on both sides.

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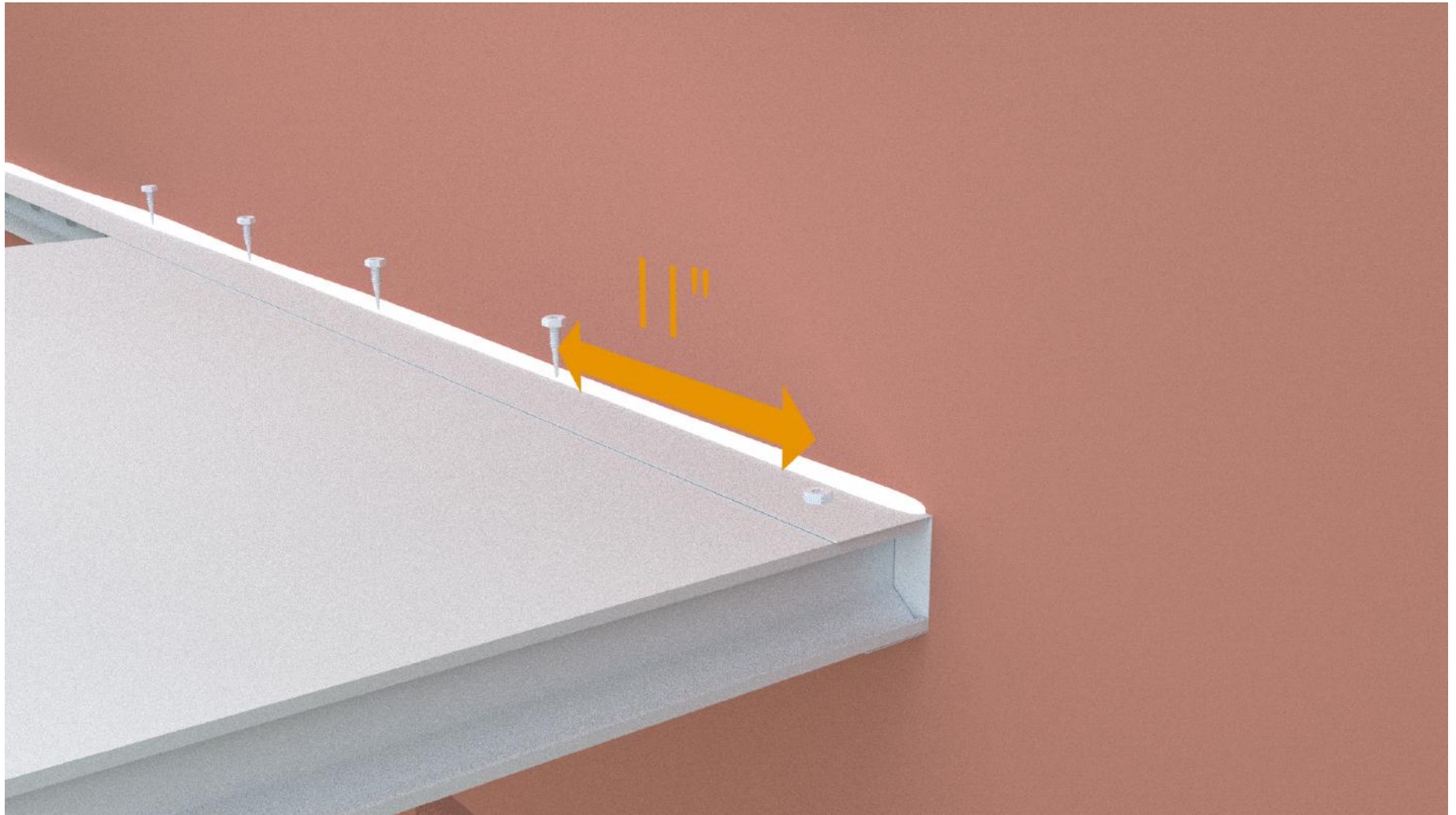
Continue to secure the panels using tek screws at 11" from each other.

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Use the same procedure on the top of the panel.

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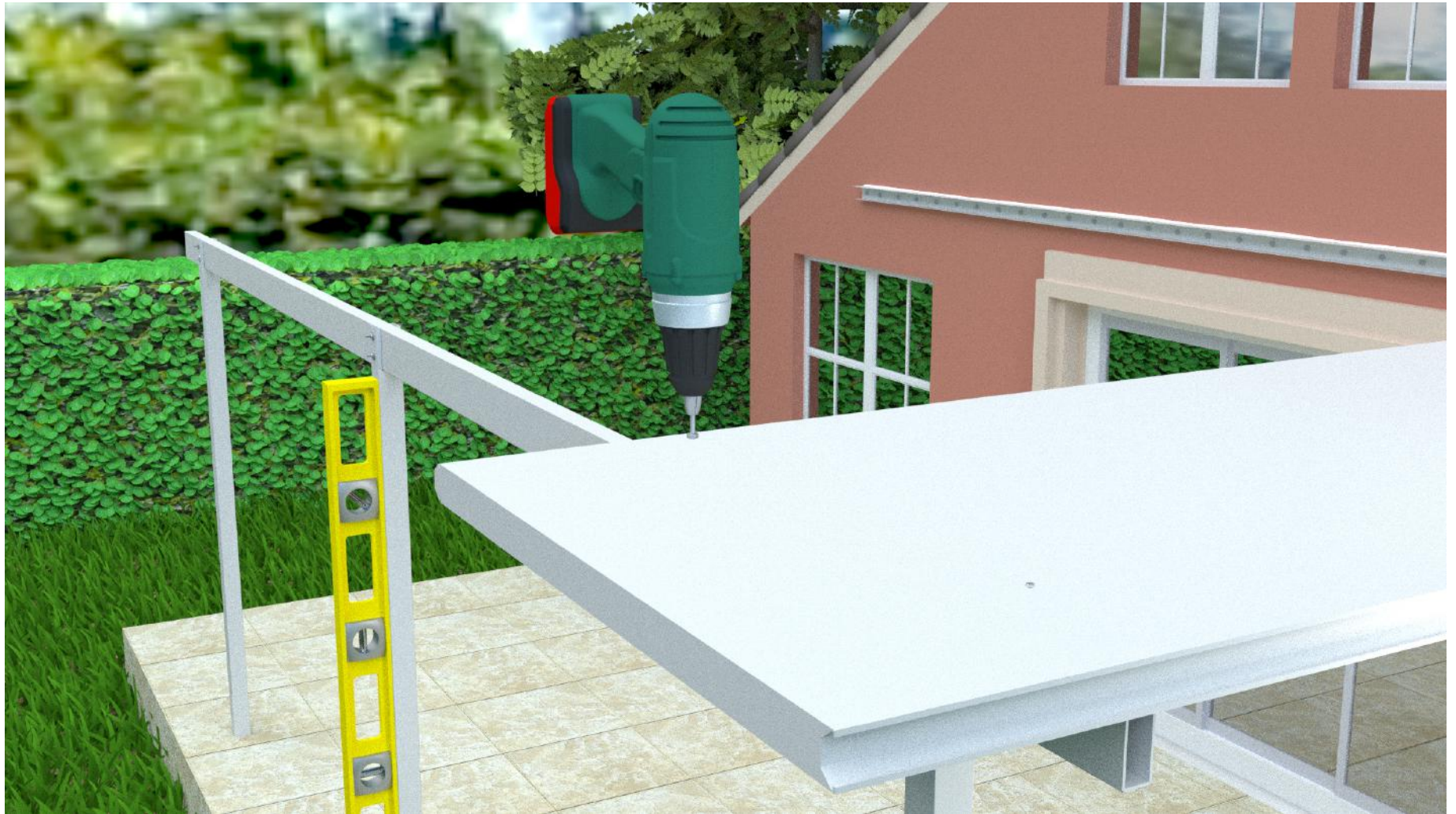
Use the same spacing to secure the panels on top.

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Secure the panel to the beam using tek screws # 14 x 4-7/8. Use one screw on each end of the panel.

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Make sure you level the post on the front side before securing the panel to the beam.

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STEP 9
CONTINUE INSTALLATION OF THE PANELS
Level post during the installation

Continue the same procedure for the rest of the panels while leveling the post.

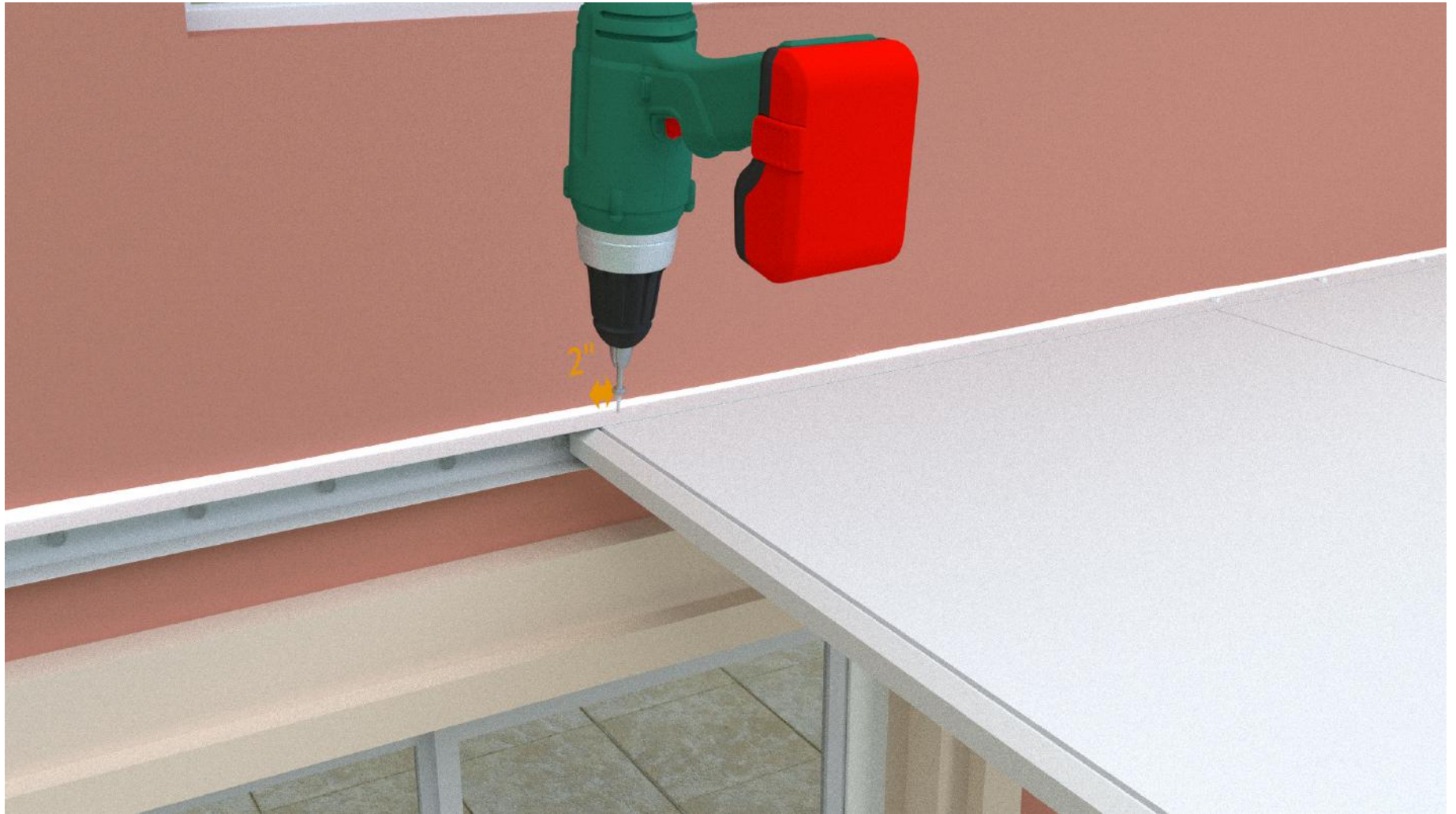
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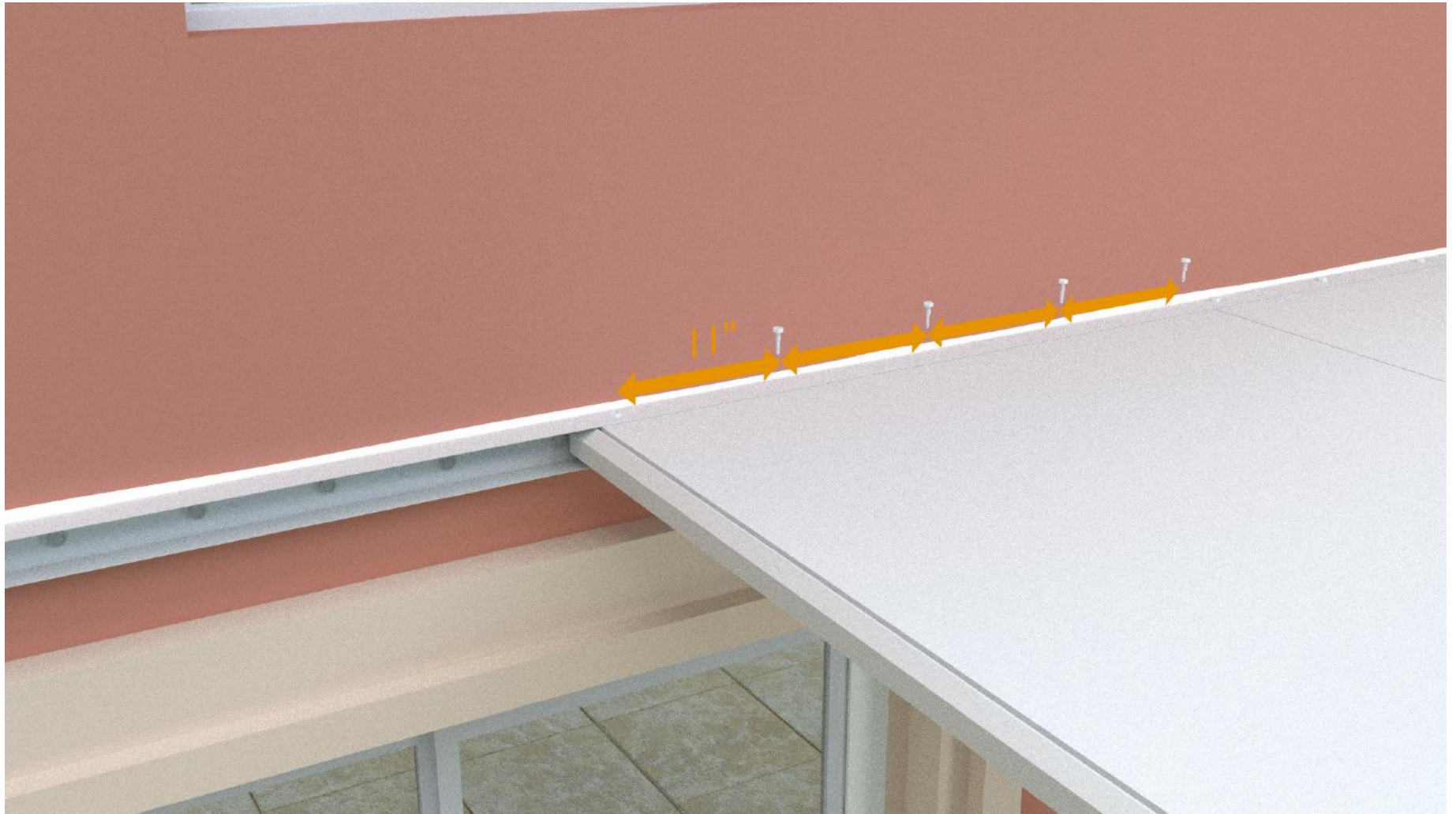
Continue the same procedure for the rest of the panels while leveling the post.

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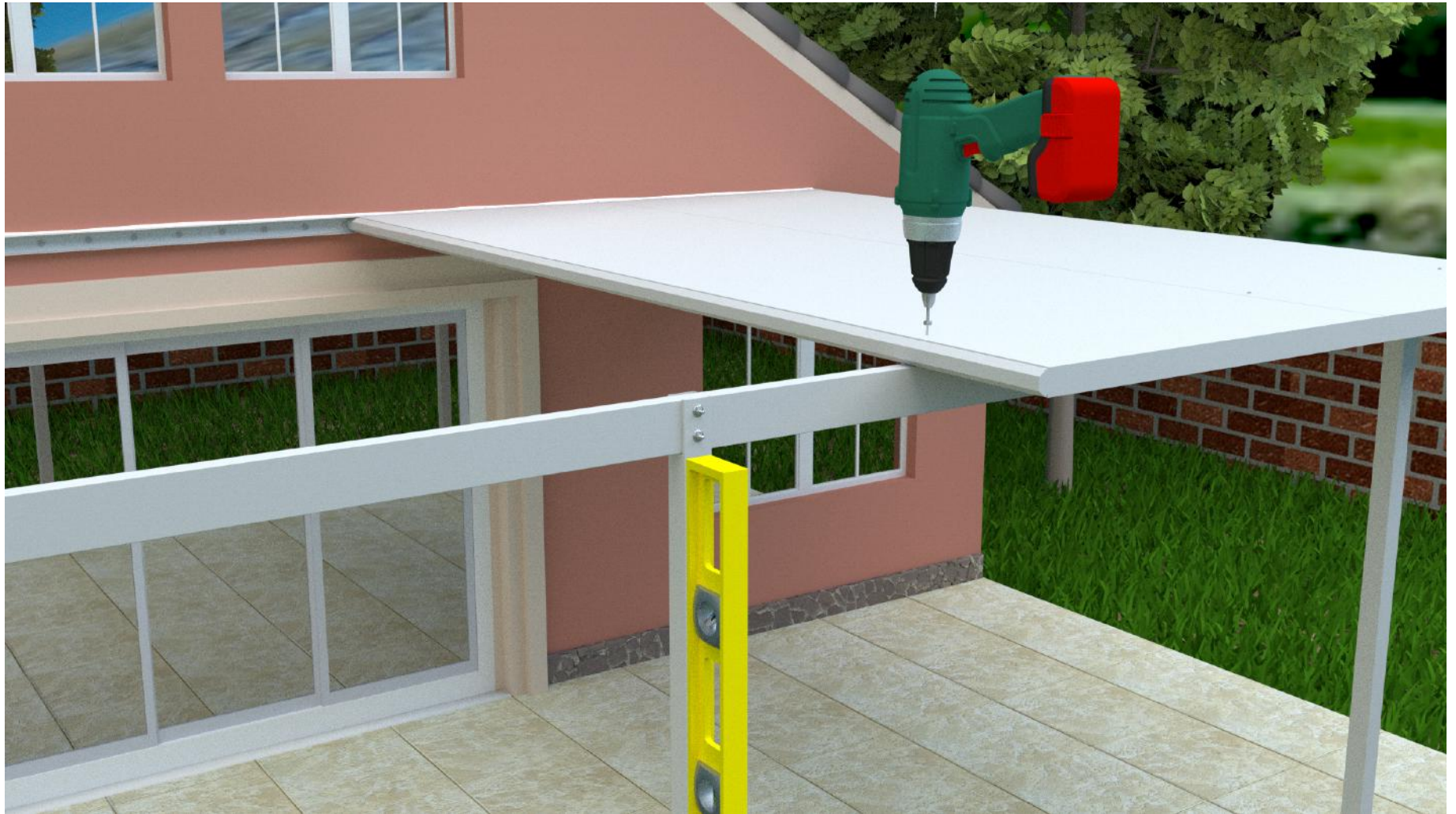
Continue the same procedure for the rest of the panels while leveling the post.

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Continue the same procedure for the rest of the panels while leveling the post.

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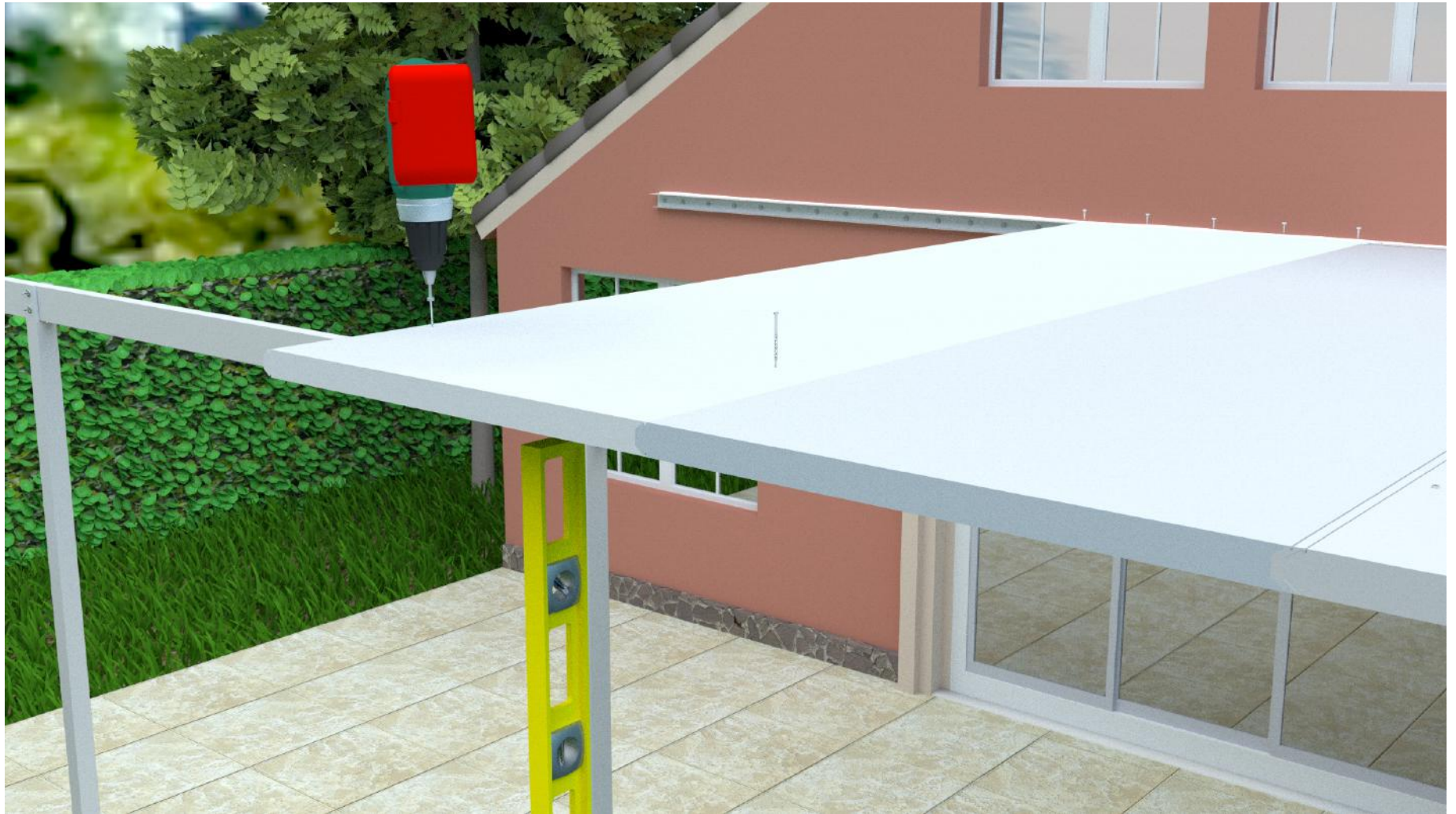
Continue the same procedure for the rest of the panels while leveling the post.

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Continue the same procedure for the rest of the panels while leveling the post.

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Continue the same procedure for the rest of the panels while leveling the post.

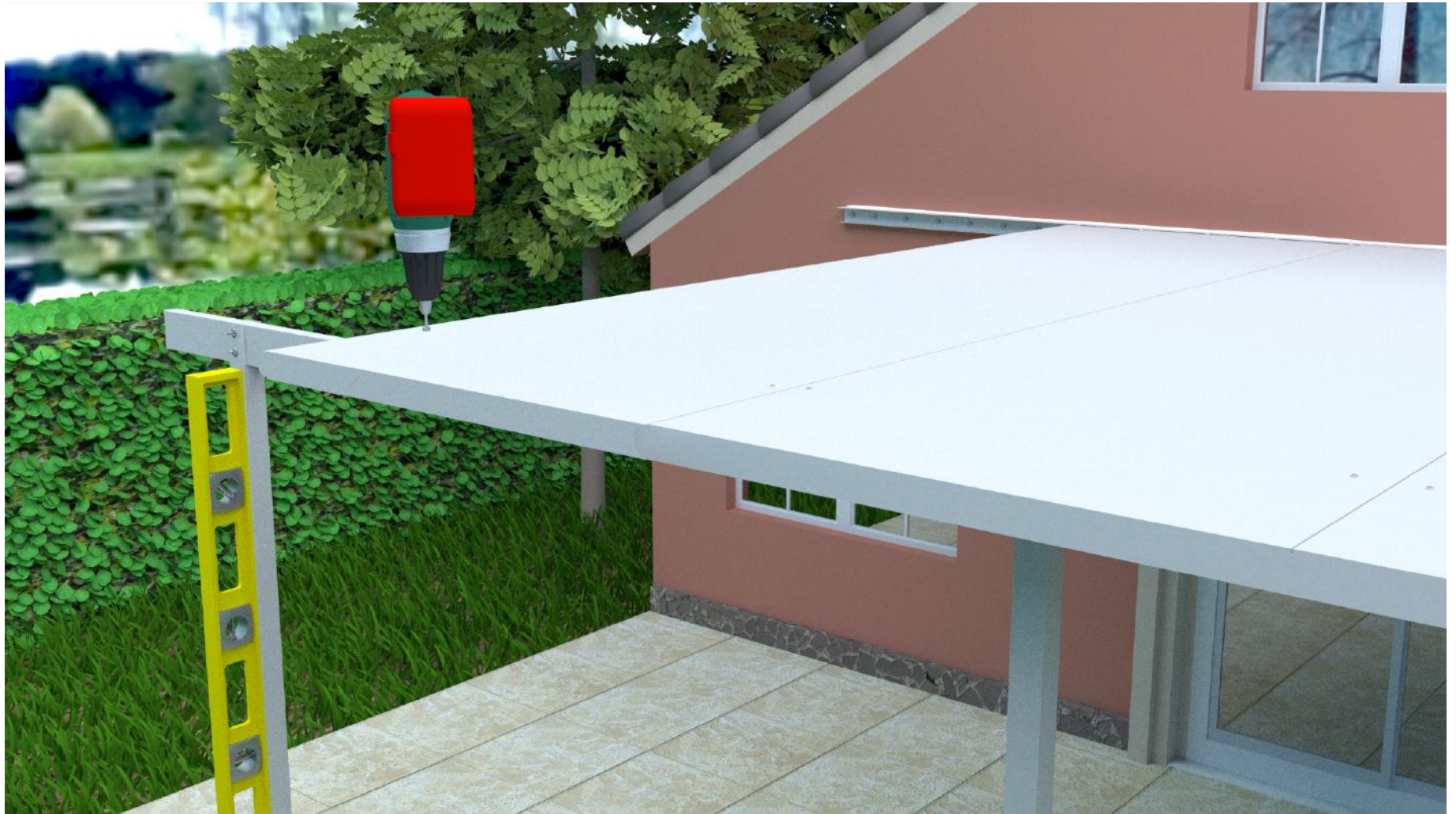
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Continue the same procedure for the rest of the panels while leveling the post.

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Continue the same procedure for the rest of the panels while leveling the post.

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Tip: Cut the male side of the last panel before installation.

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Use a grinder to cut the metal and foam of the male side on the last panel.

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Use a grinder to cut the metal and foam of the male side on the last panel.

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Install and secure the last panel.

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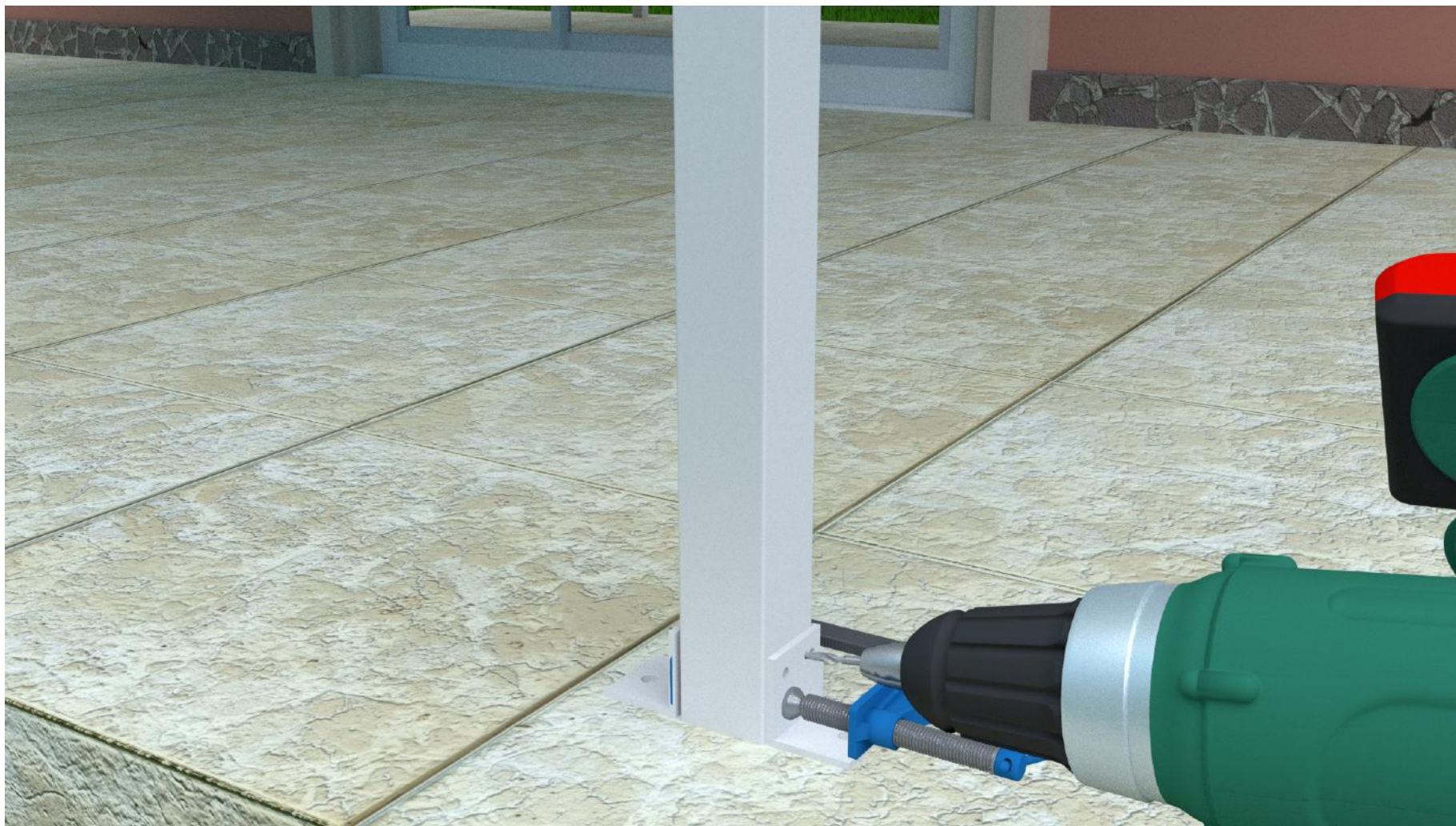
Install and secure the last panel.

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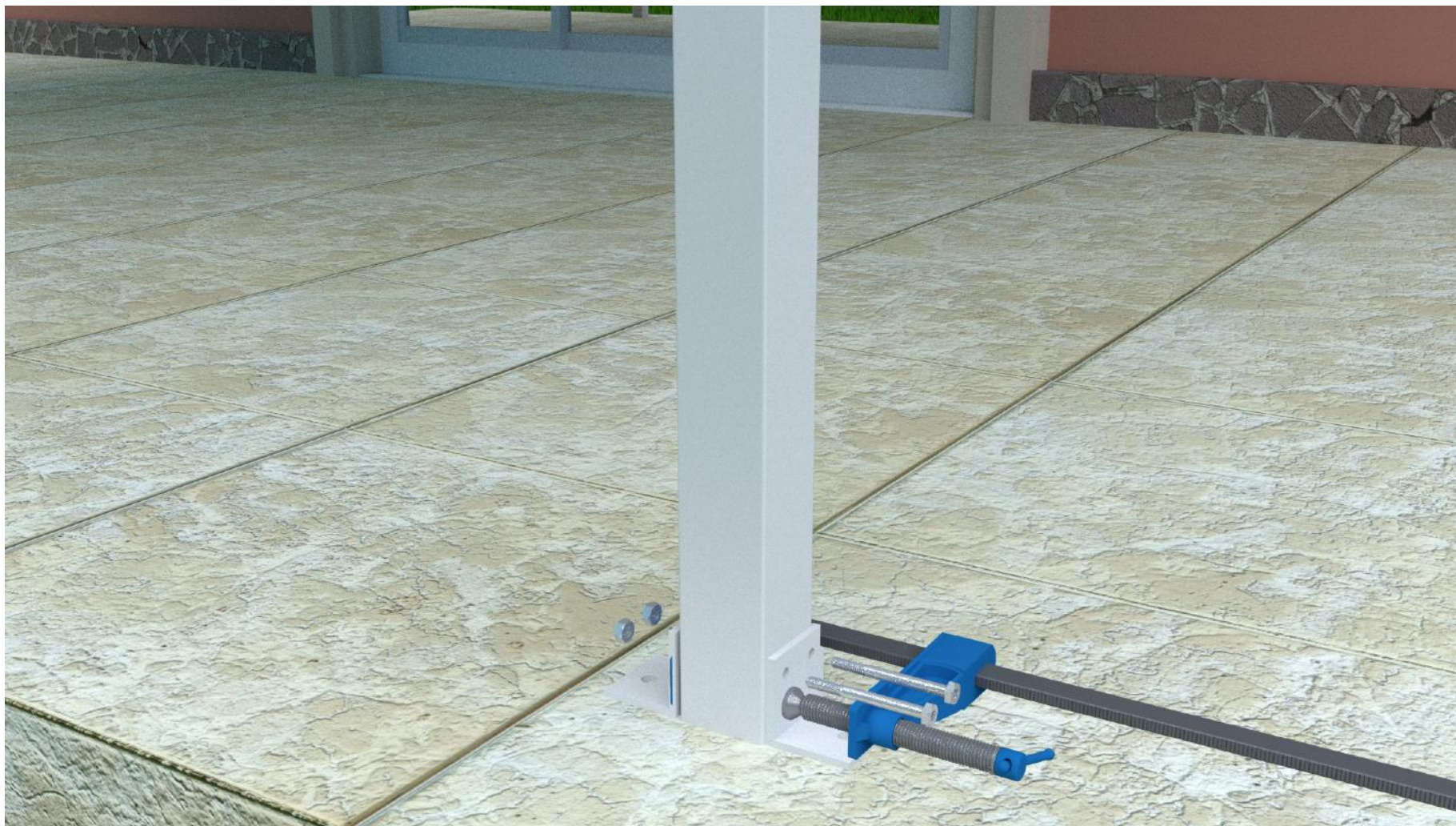
Prepare the angle brackets with two 3/8 holes on top and one 3/8 whole at the bottom.

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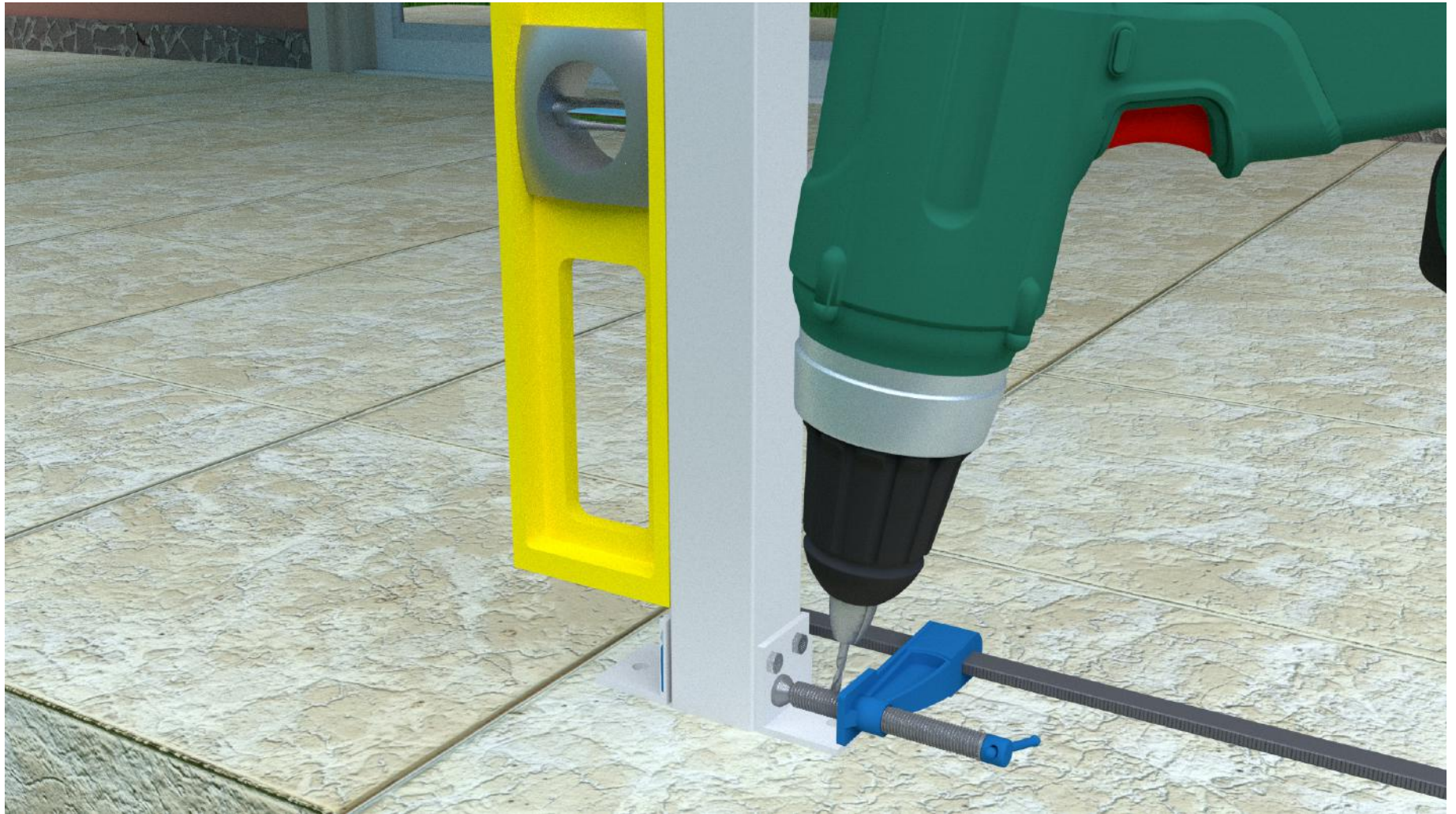
Use a 3/8 aluminum drill bit to perforate the 3x3 post.

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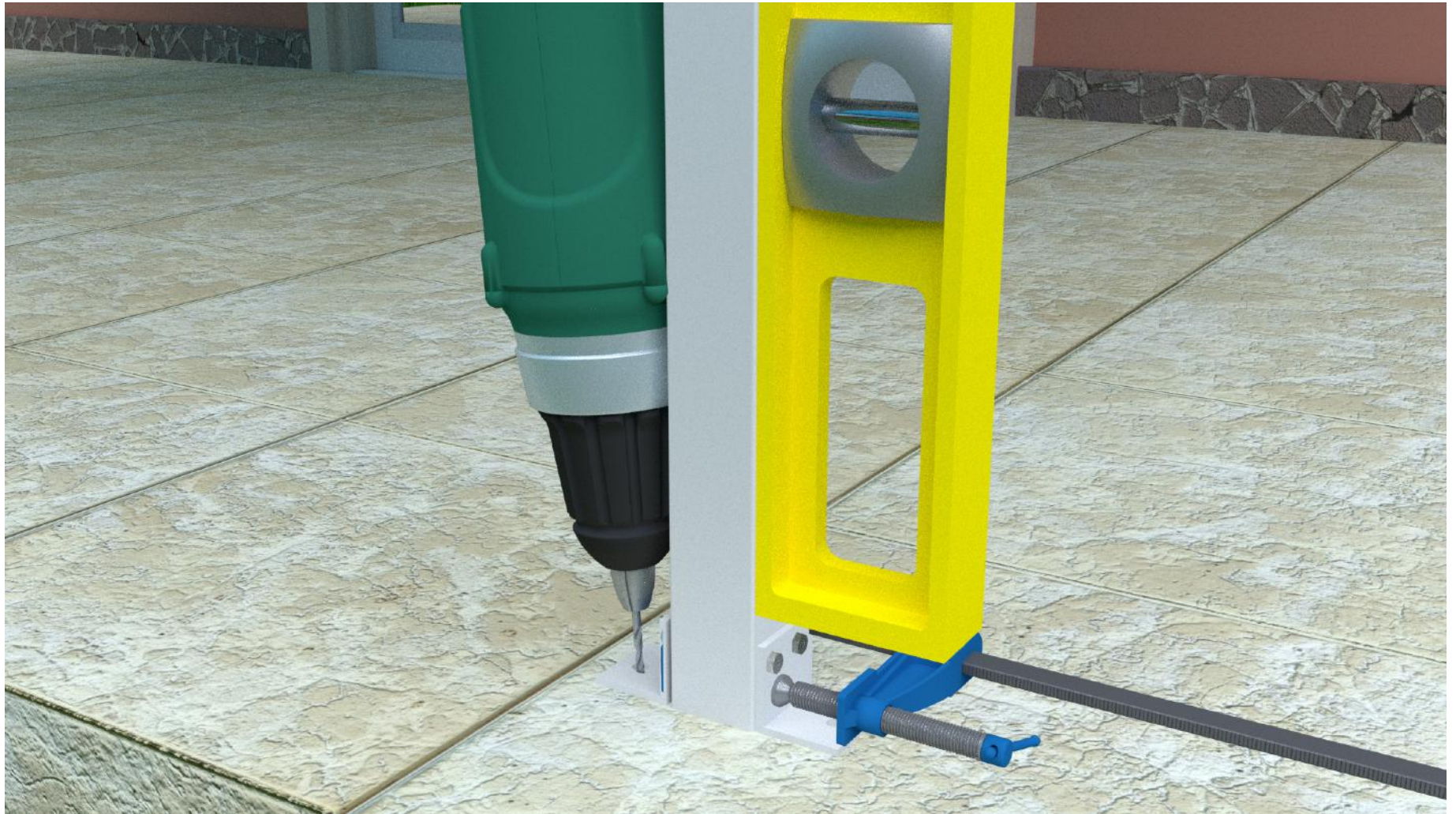
Follow the same procedure on the opposite face of the 3x3 post.

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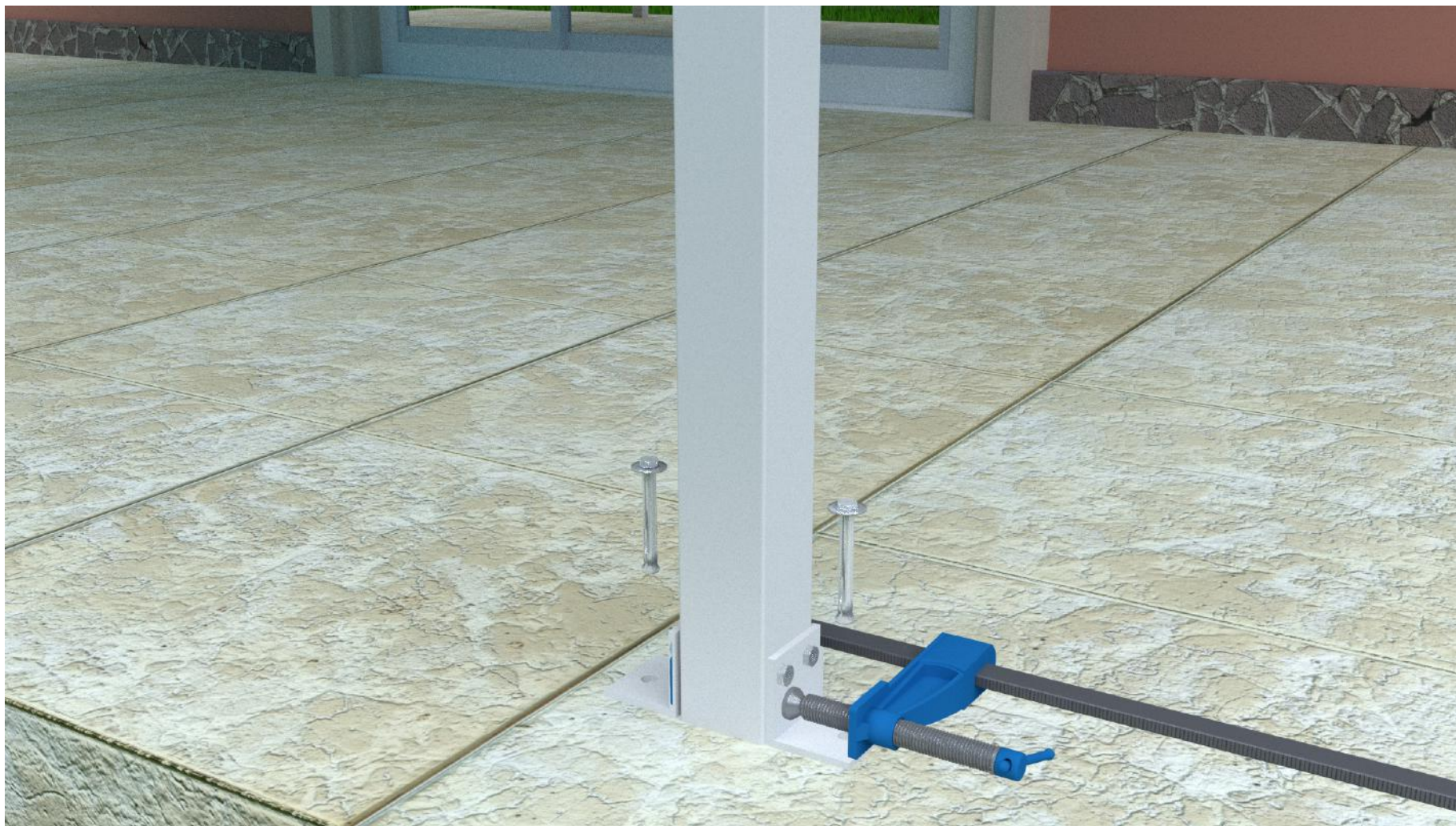
Use a 3/8 concrete bit to drill into the concrete while leveling the post on the sides.

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Follow the same procedure on the opposite face of the 3x3 post, while leveling the post on the sides.

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Install the 3/8 tapcons or sleeve anchor into the concrete.

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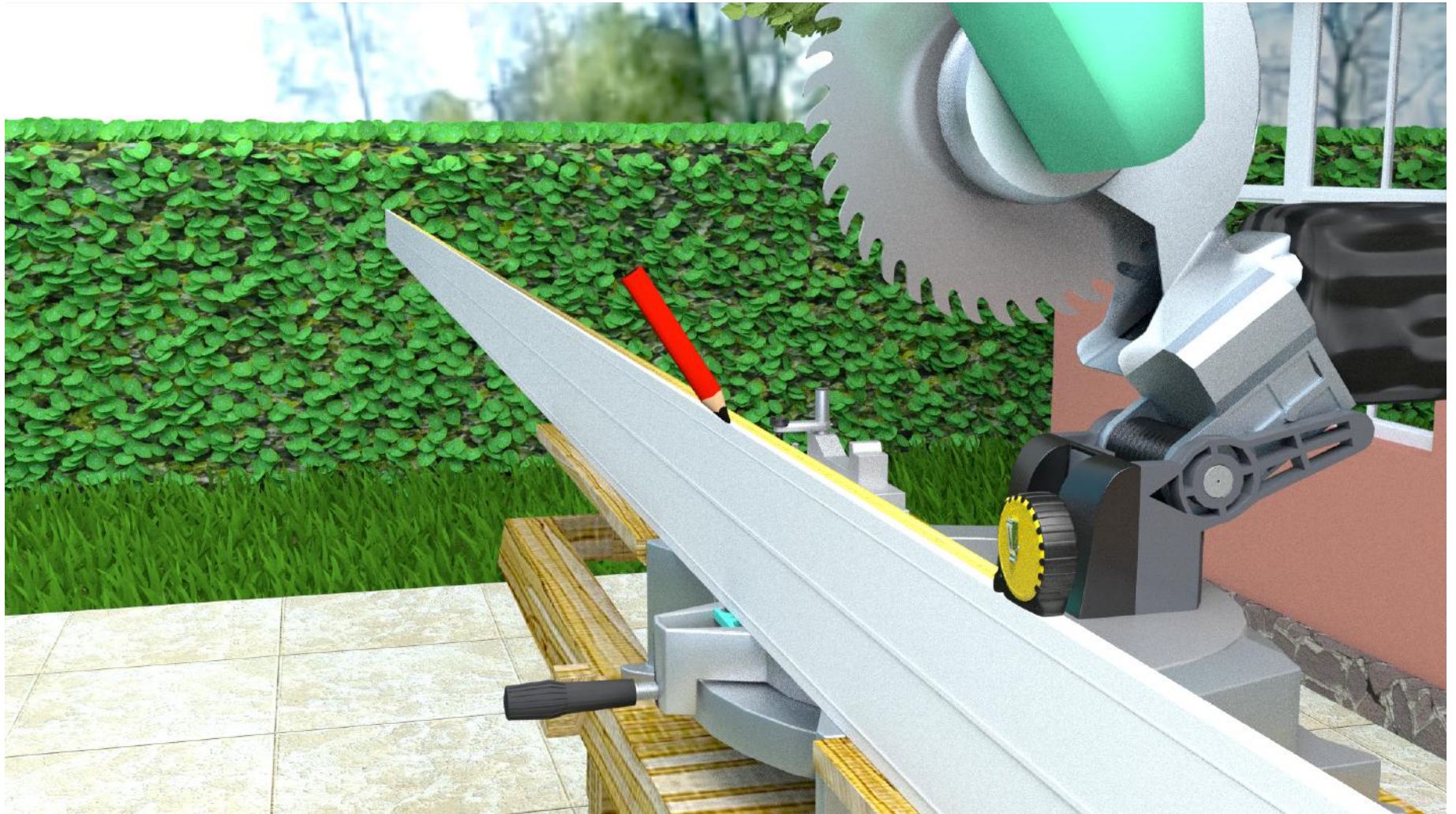
Follow the same procedure on the other 3x3 post.

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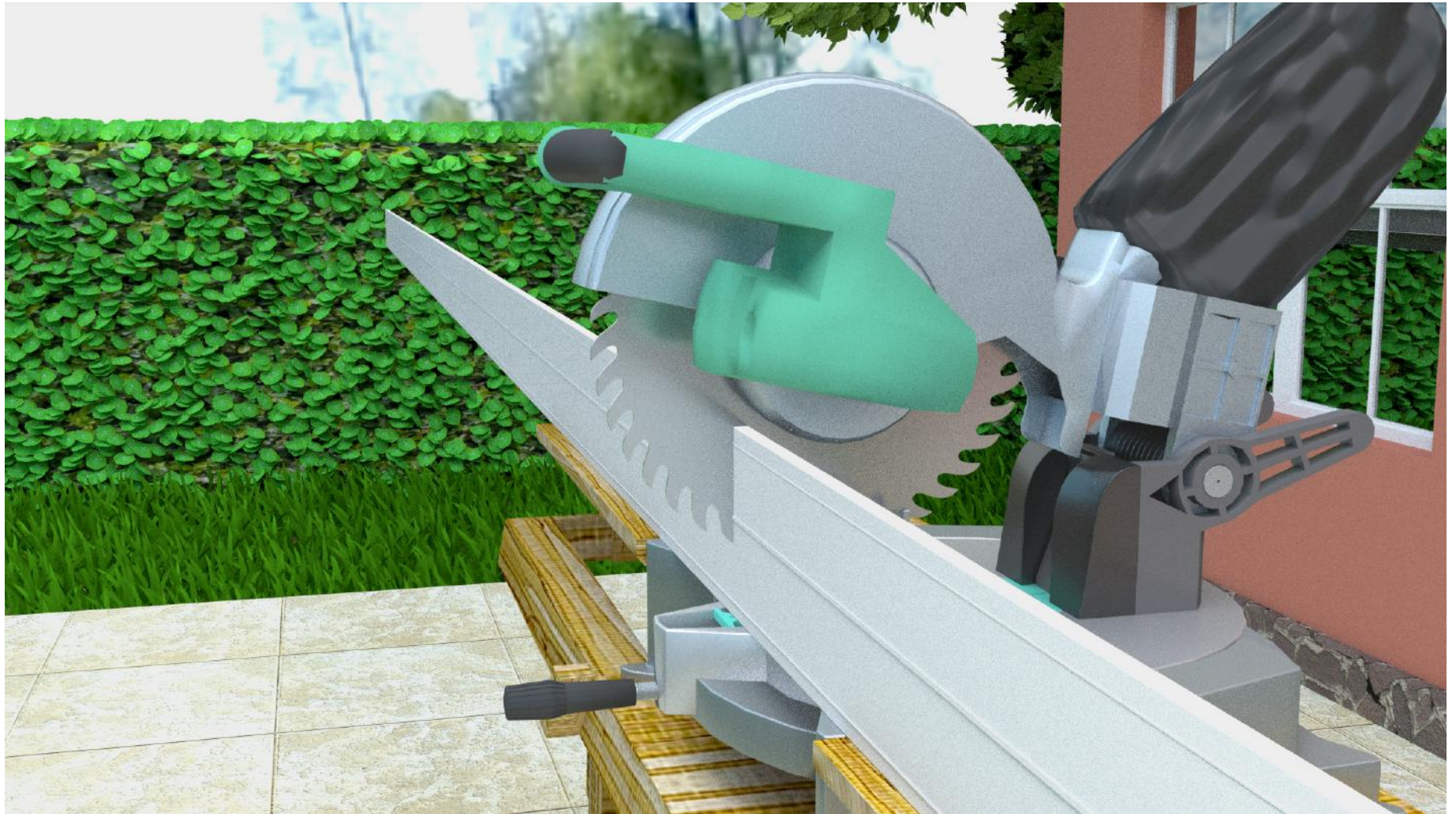
To prepare for the e-gutter installation, measure from side-to-side along the panels.

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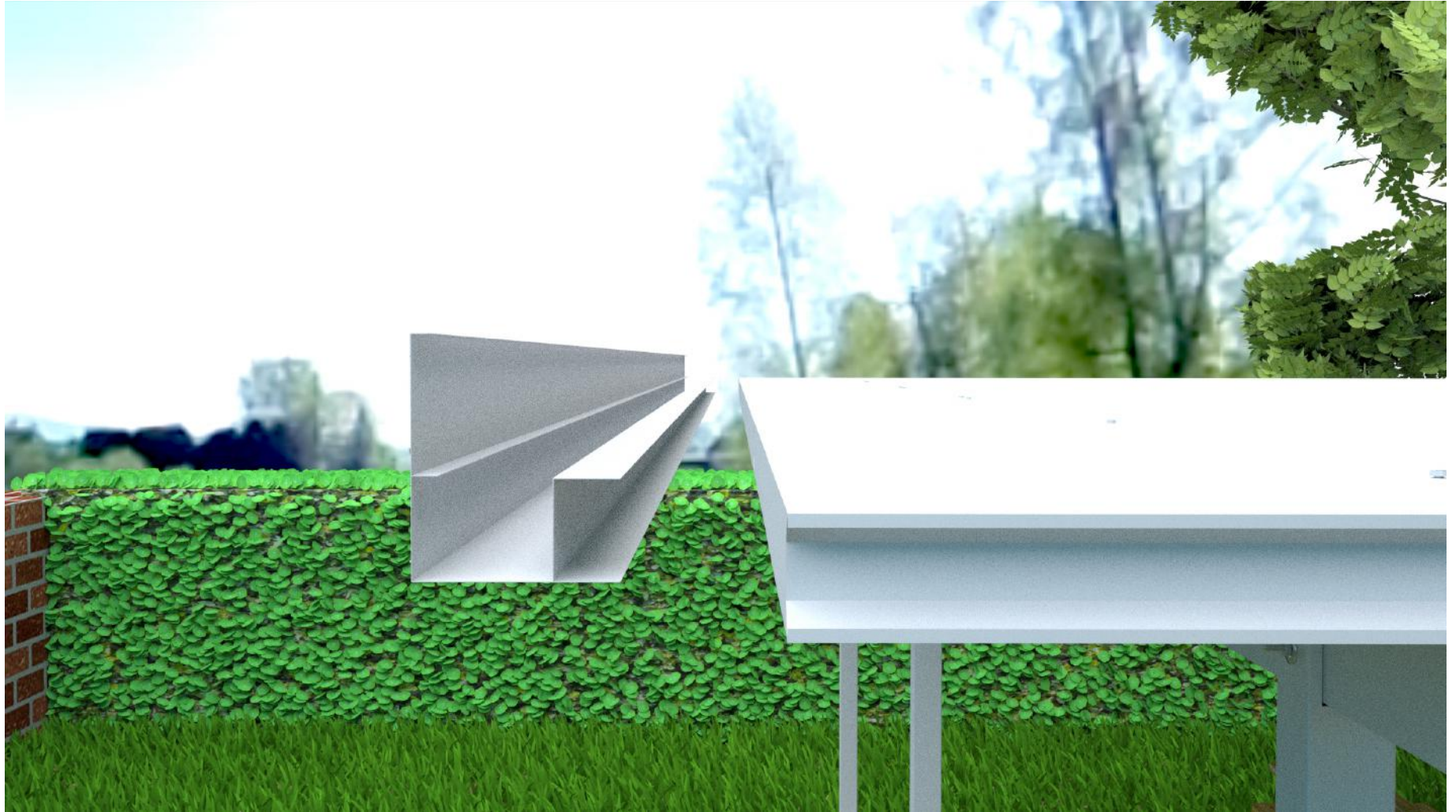
Cut the e-gutter if necessary to achieve the desired length.

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Cut the e-gutter if necessary to achieve the desired length.

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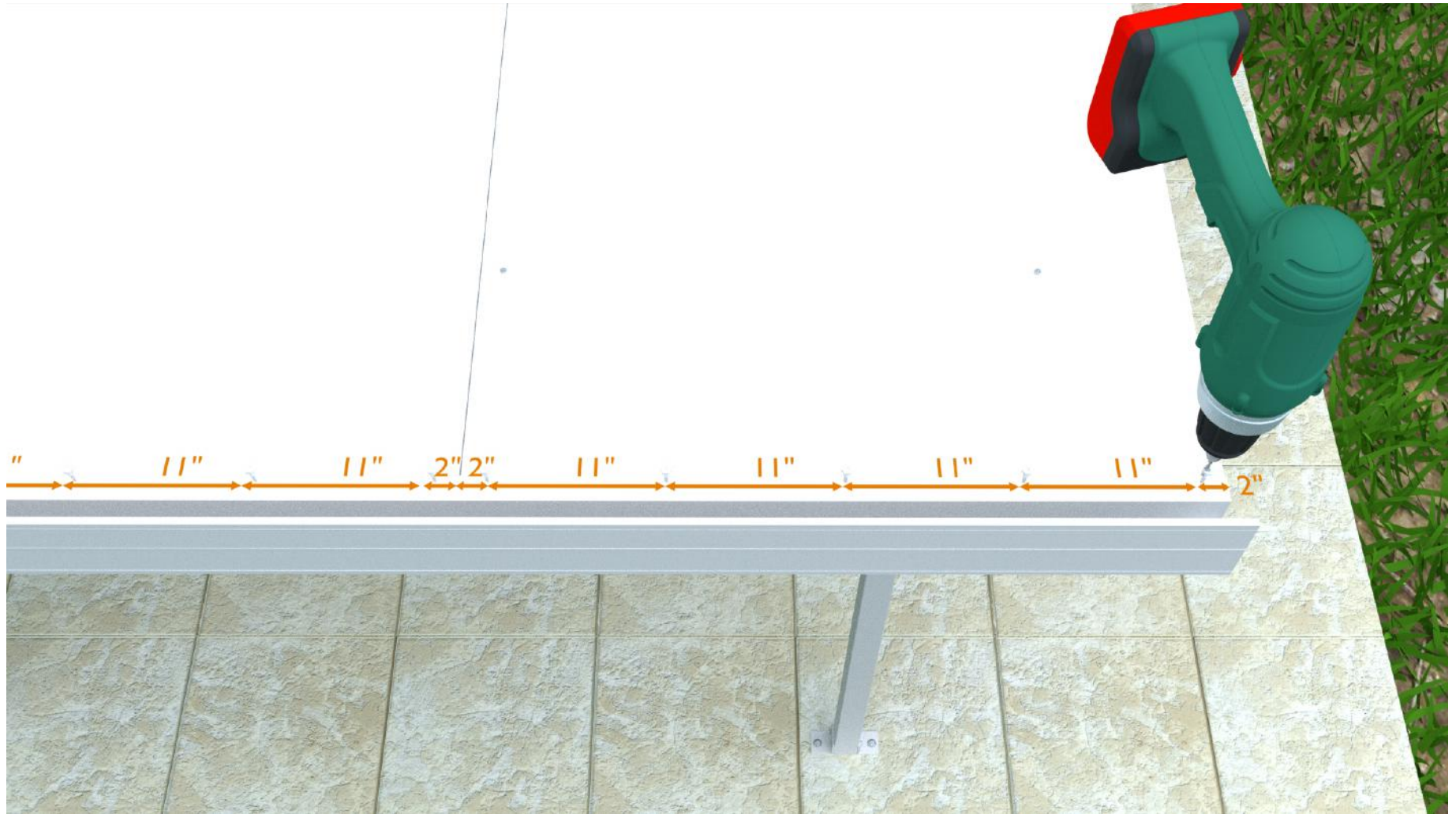
Insert the e-gutter into the panels.

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Push the e-gutter into the panels and try not to leave any gaps.

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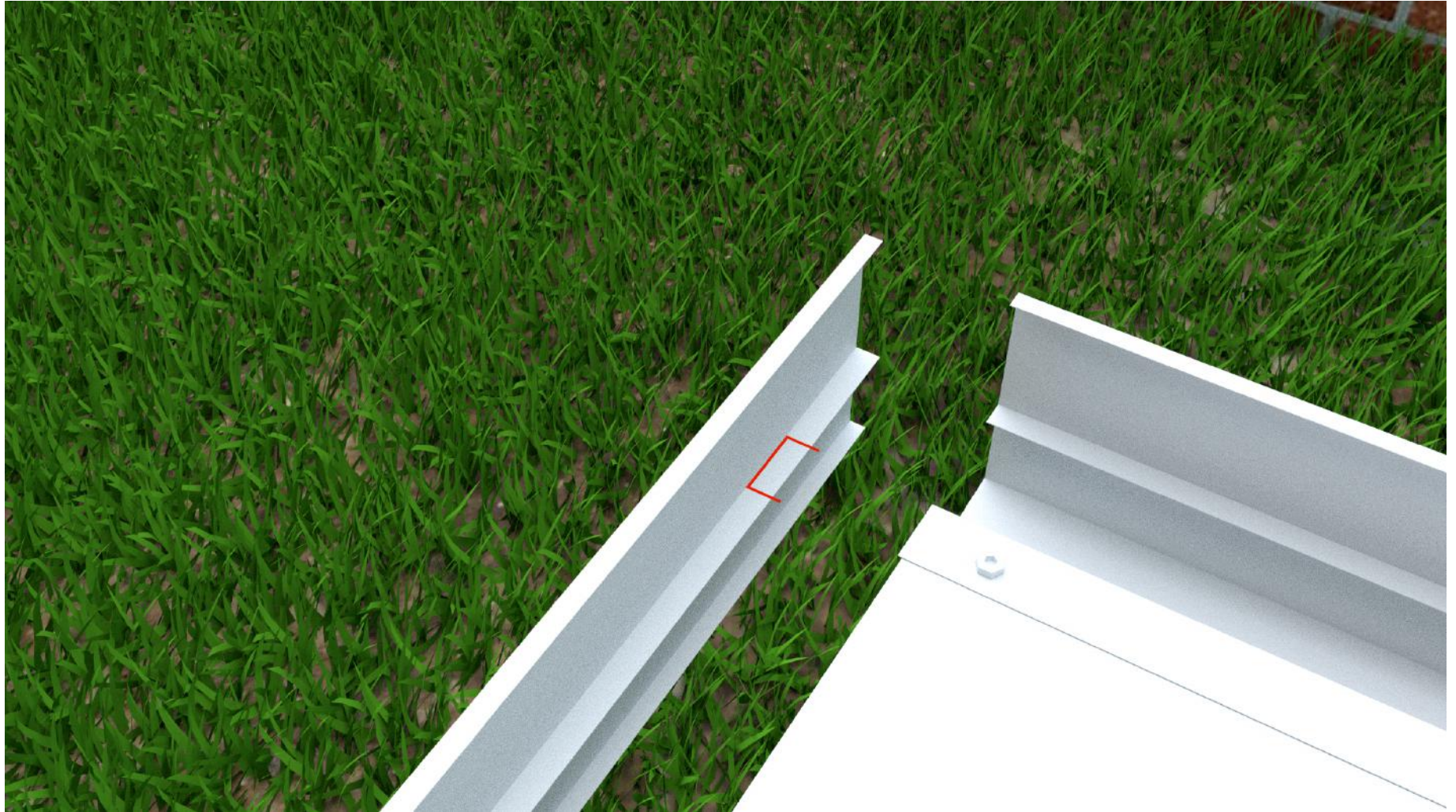
Secure the e-gutter to the panels by inserting tek screws # 12 to 2" on each end and 11" apart.

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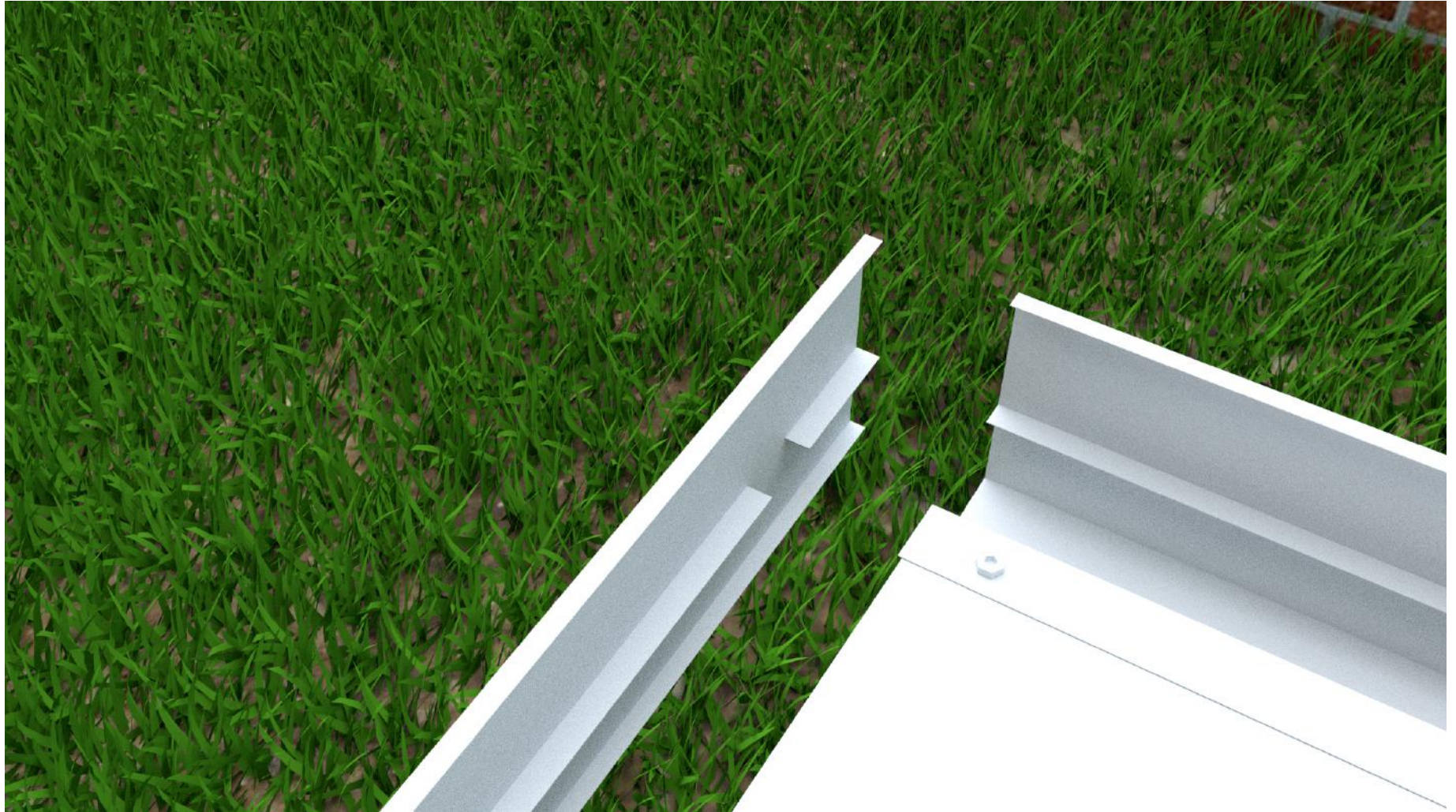
Prepare for the fascia installation by measuring and cutting it to the desired length.

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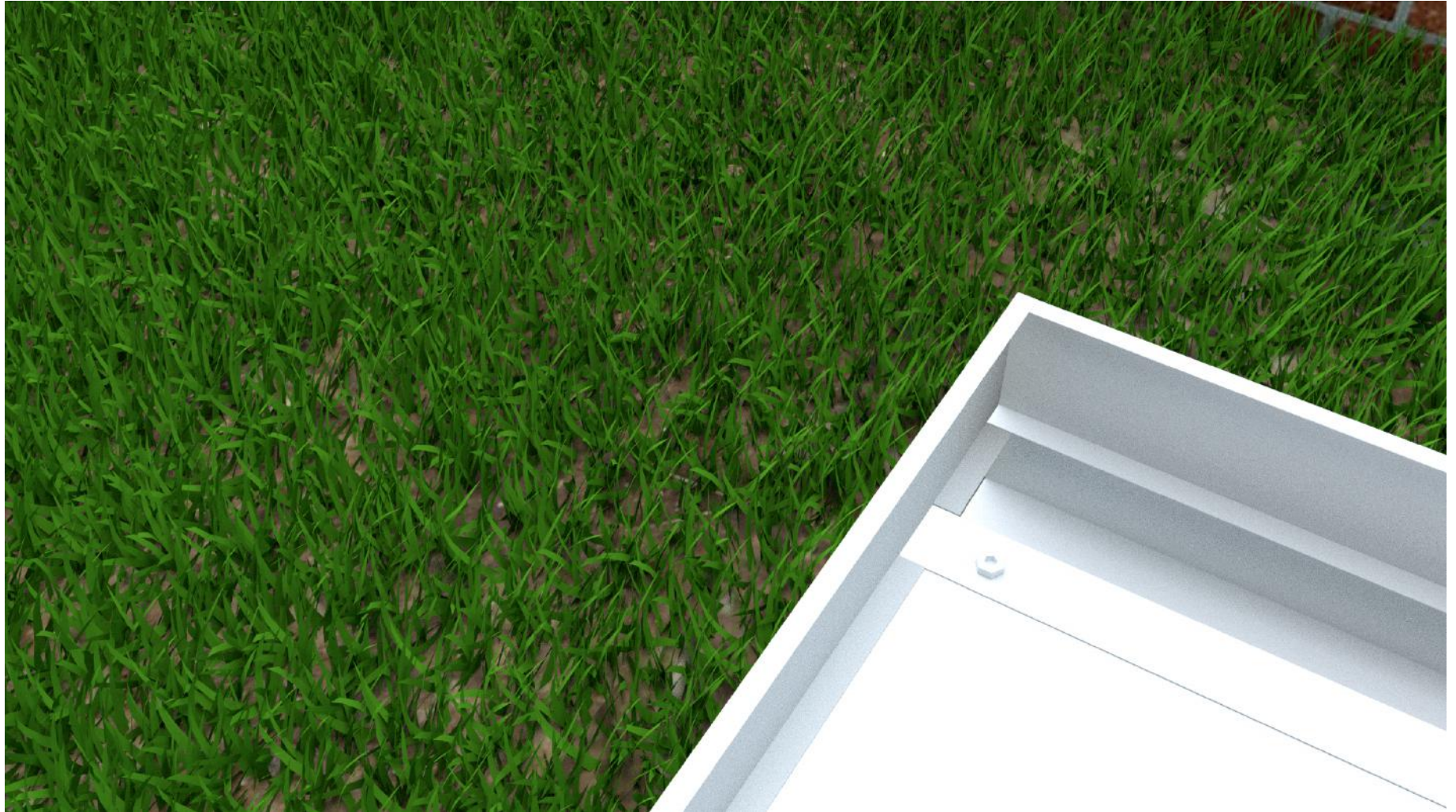
Tip: notch the fascia where it meets with the e-gutter so that it mounts flush with the panel.

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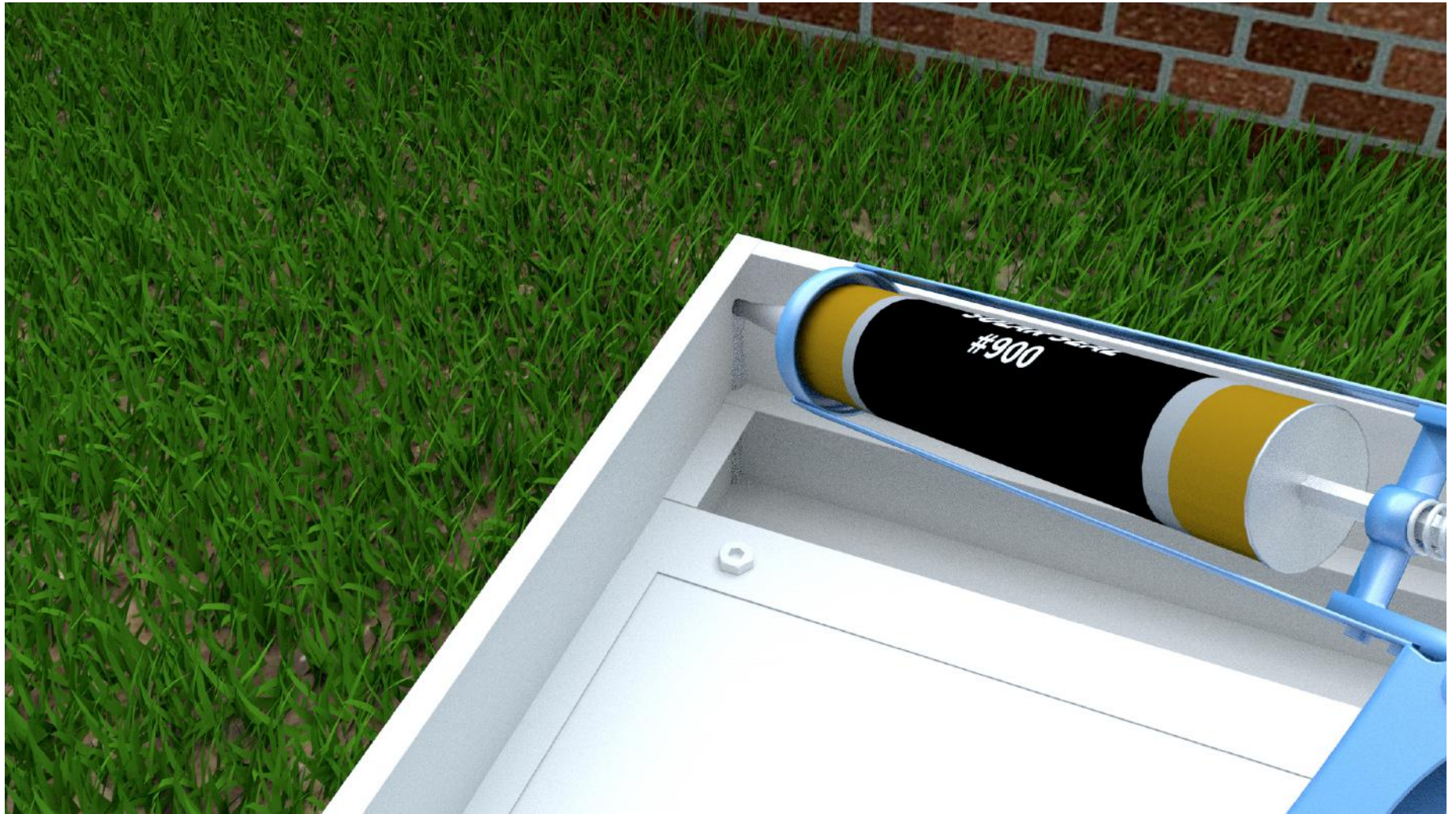
Tip: notch the fascia where it meets with the e-gutter so that it mounts flush with the panel.

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Mount the fascia to the side of the panel.

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Seal the corner joint between the e-gutter and the aluminum fascia.

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Use tek screws # 12 to secure the fascia to the top of the panel at every 12".

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Use tek screws # 12 to secure the fascia to the bottom of the panel with only three screws.

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Use tek screws # 12 to secure the fascia to the bottom of the panel with only three screws.

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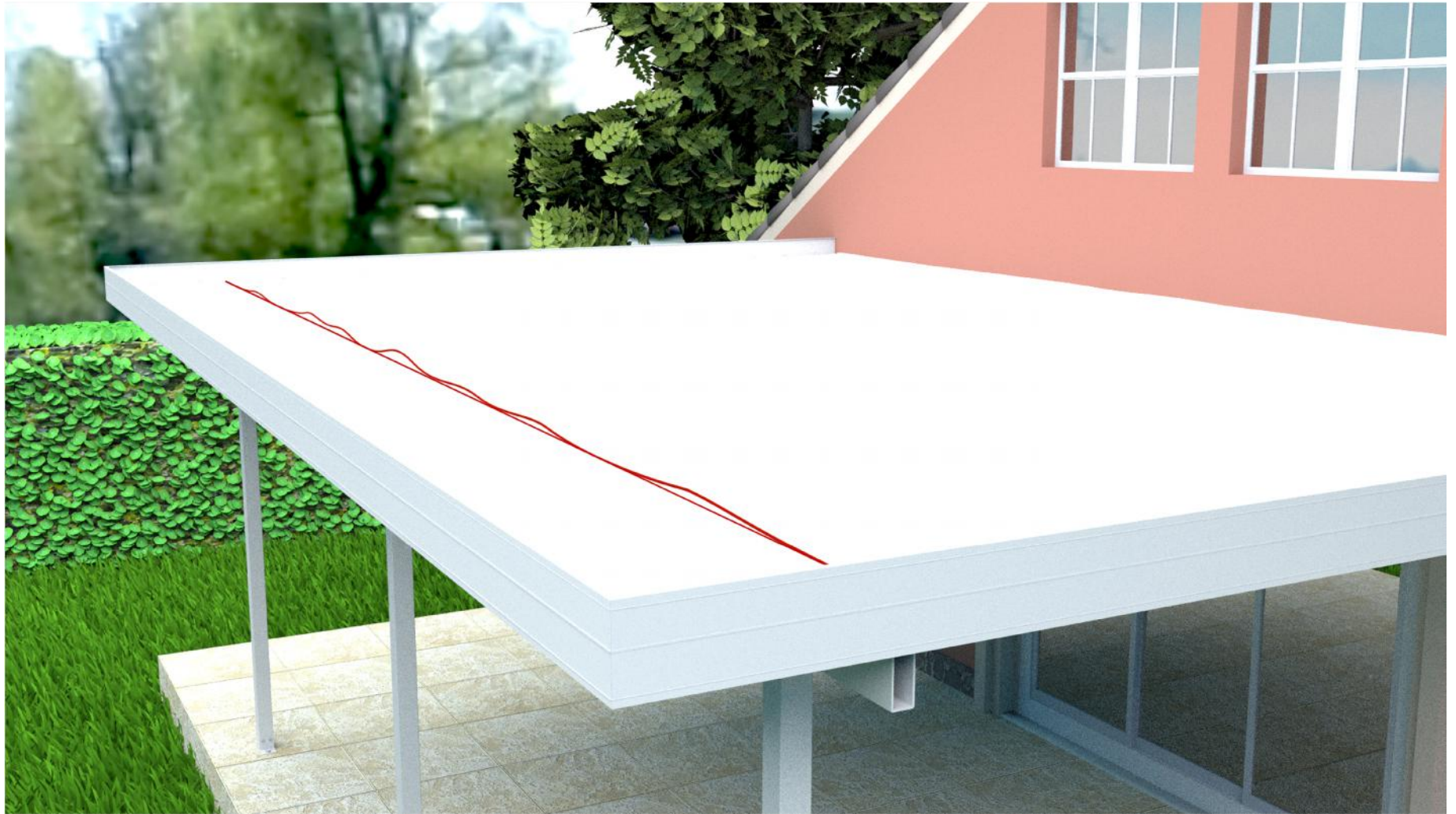
Use tek screws # 12 to secure the fascia to the bottom of the panel with only three screws.

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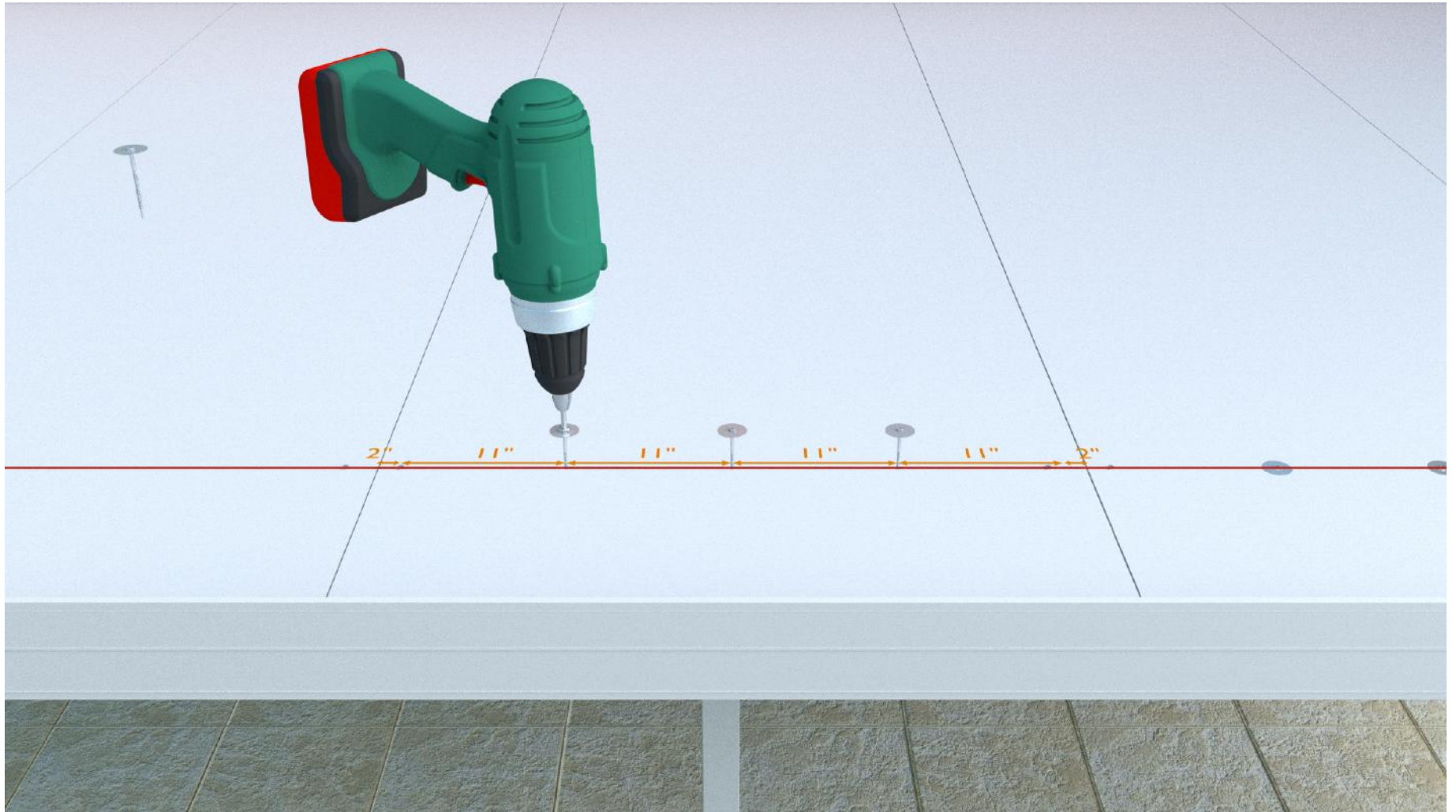
Securing the panels, *Tip:* use a short line to mark each end by using the previous screws as reference.

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Securing the panels *Tip:* use a short line to mark each end by using the previews screws as reference.

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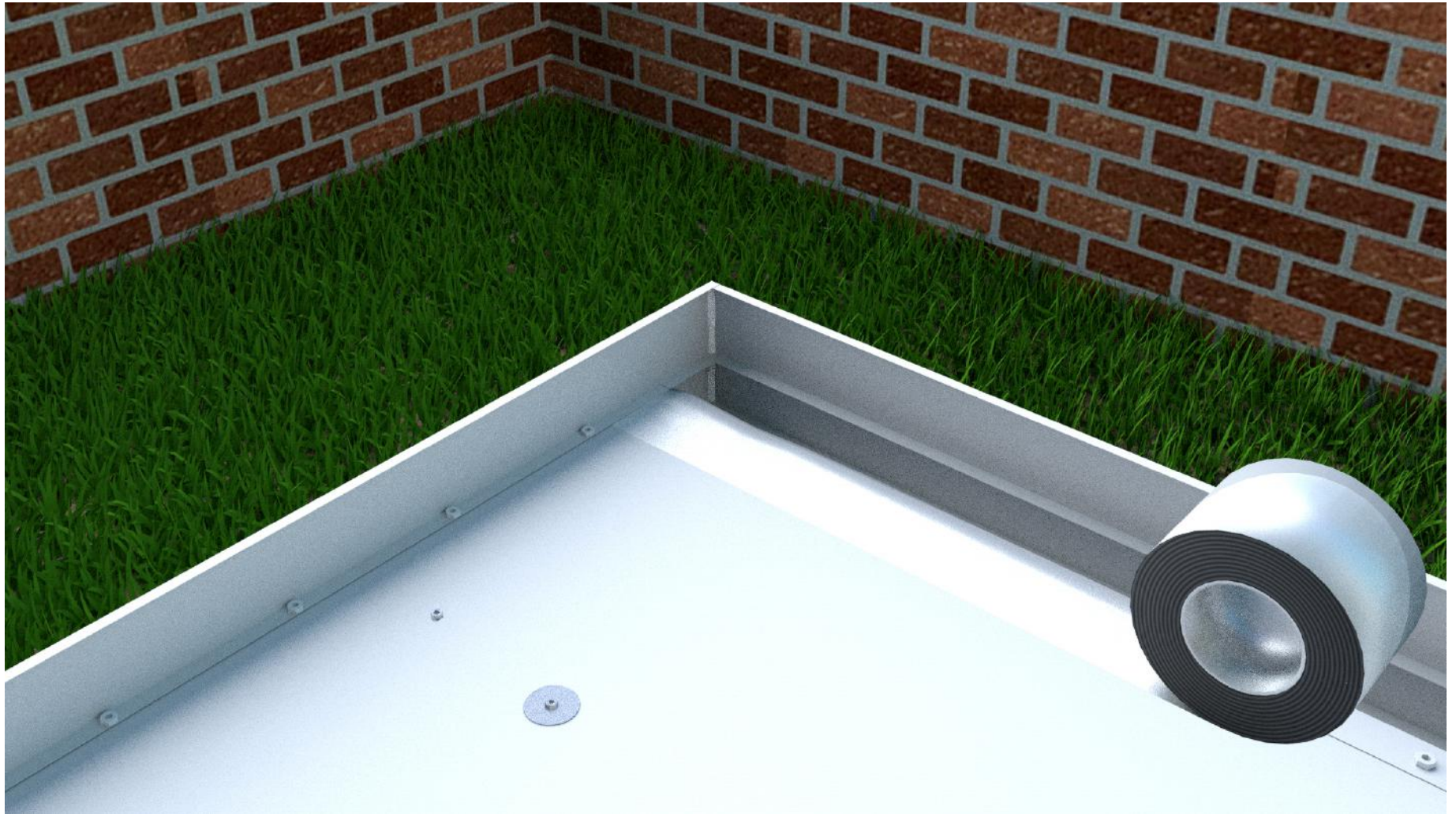
Use tek screws #14 x 4-7/8 two inches on each end and space the rest of the screws at 11".

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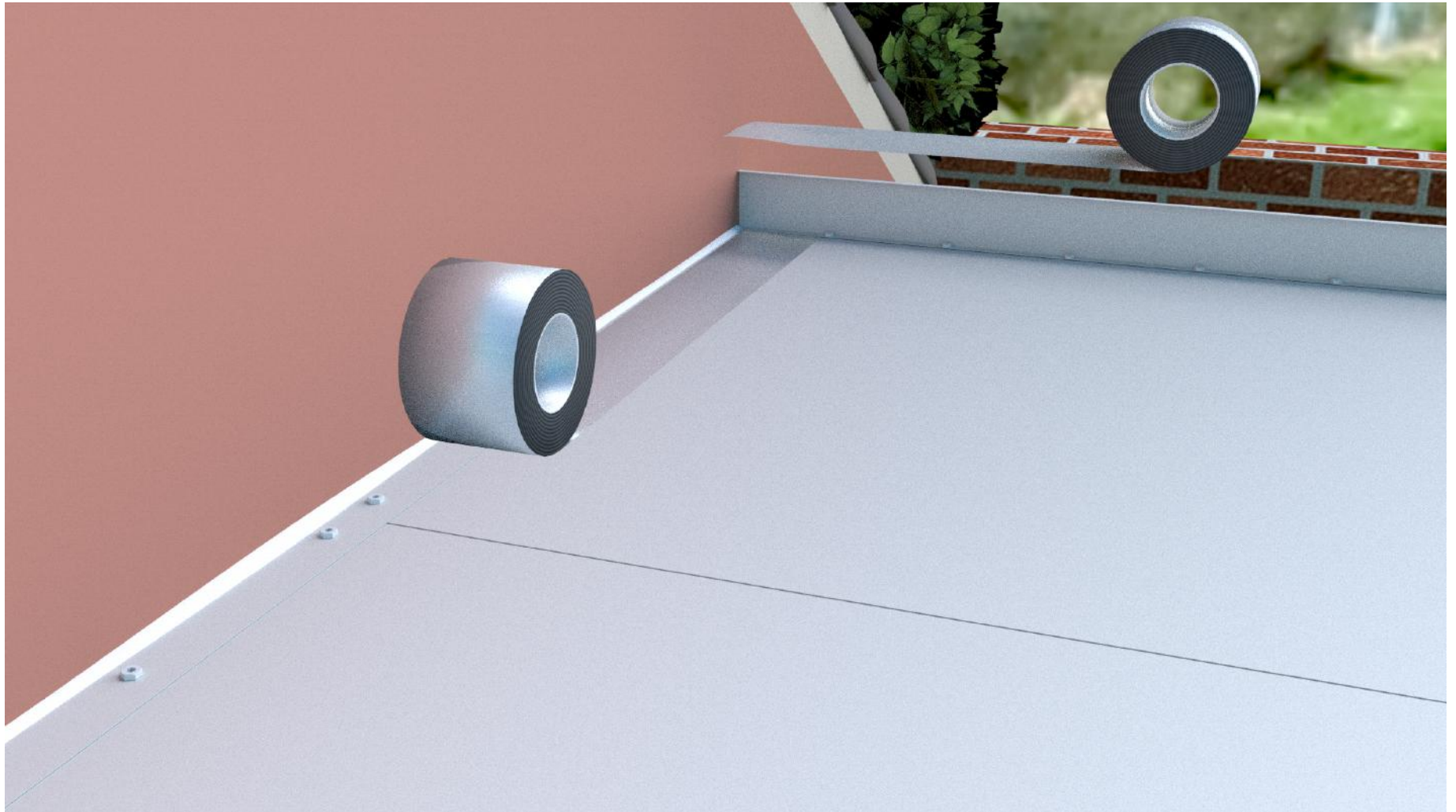
Use Peel & seal to seal all the joints between the panels and the profiles.

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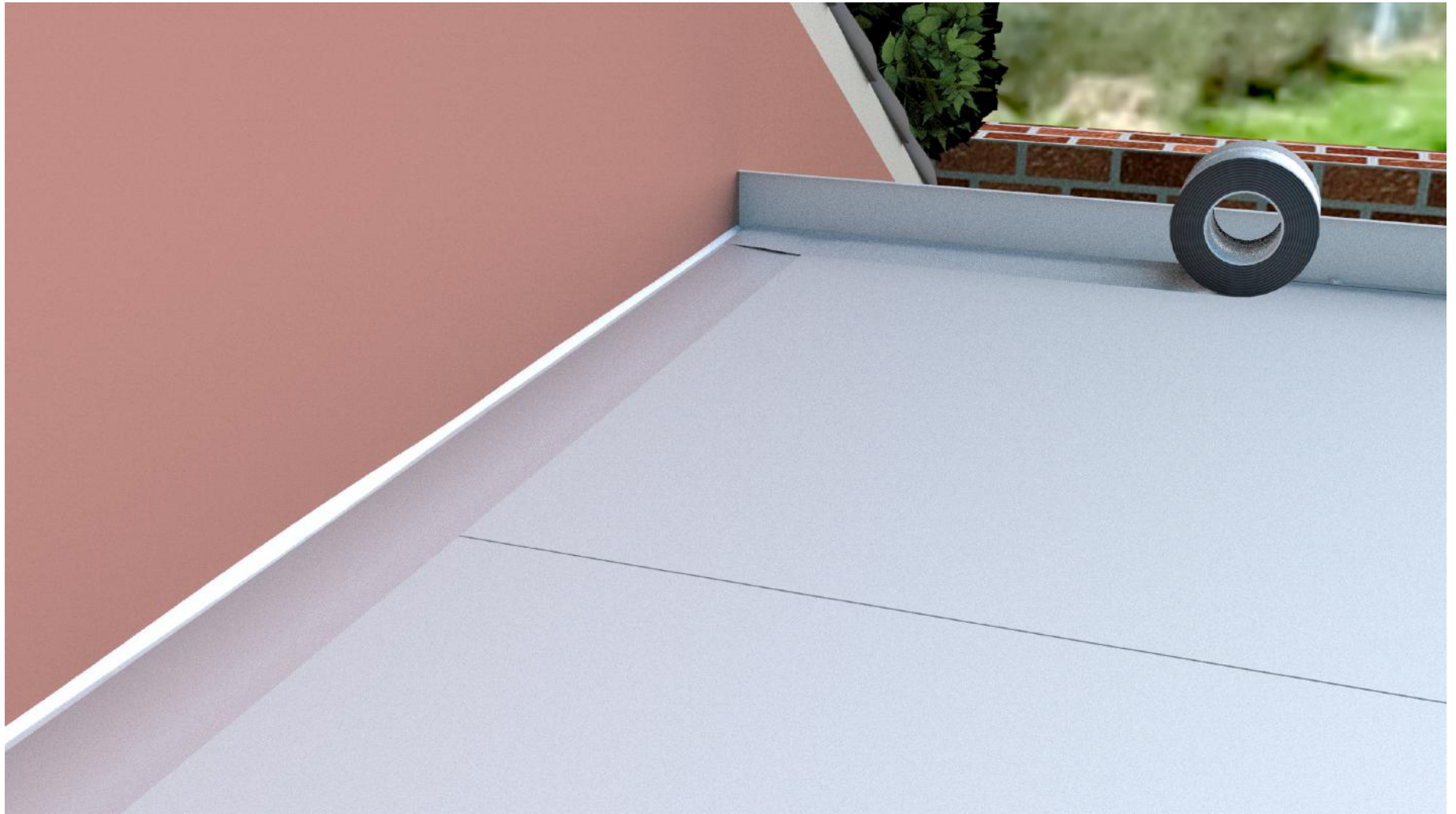
Use the peel & seal tape to secure the joint between the e-gutter and the panels.

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Use the peel & seal tape to secure the joint between the fascia and c-channel to the panels.

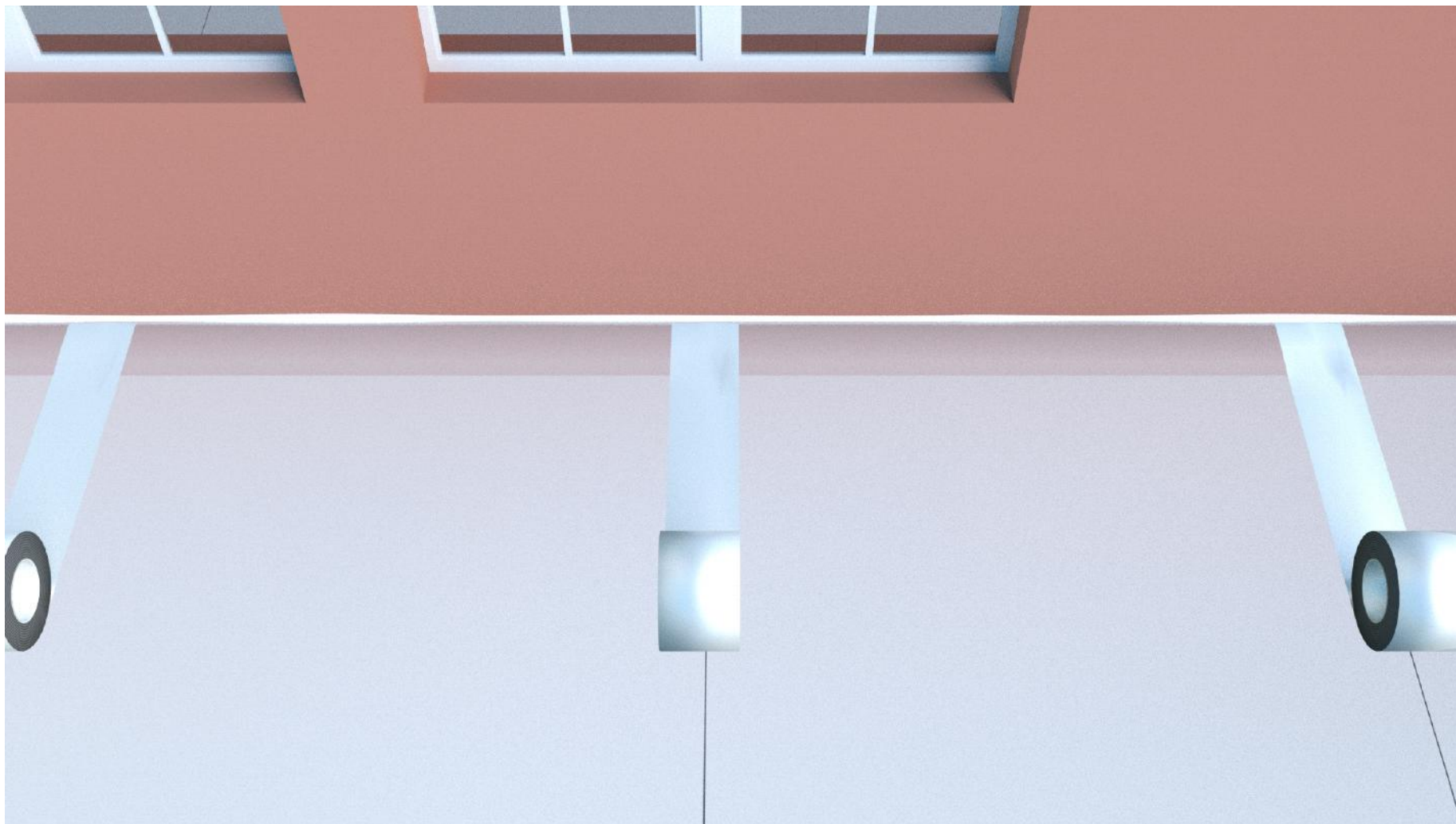
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Use the peel & seal tape to secure the joint between the fascia and c-channel to the panels.

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Use the peel & seal tape to secure the joints between panels.

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STEP 15
INSTALLATION OF DOWNSPOUTS

Drill a 2" hole into the e-gutter. Ensure the hole is aligned with the front post.

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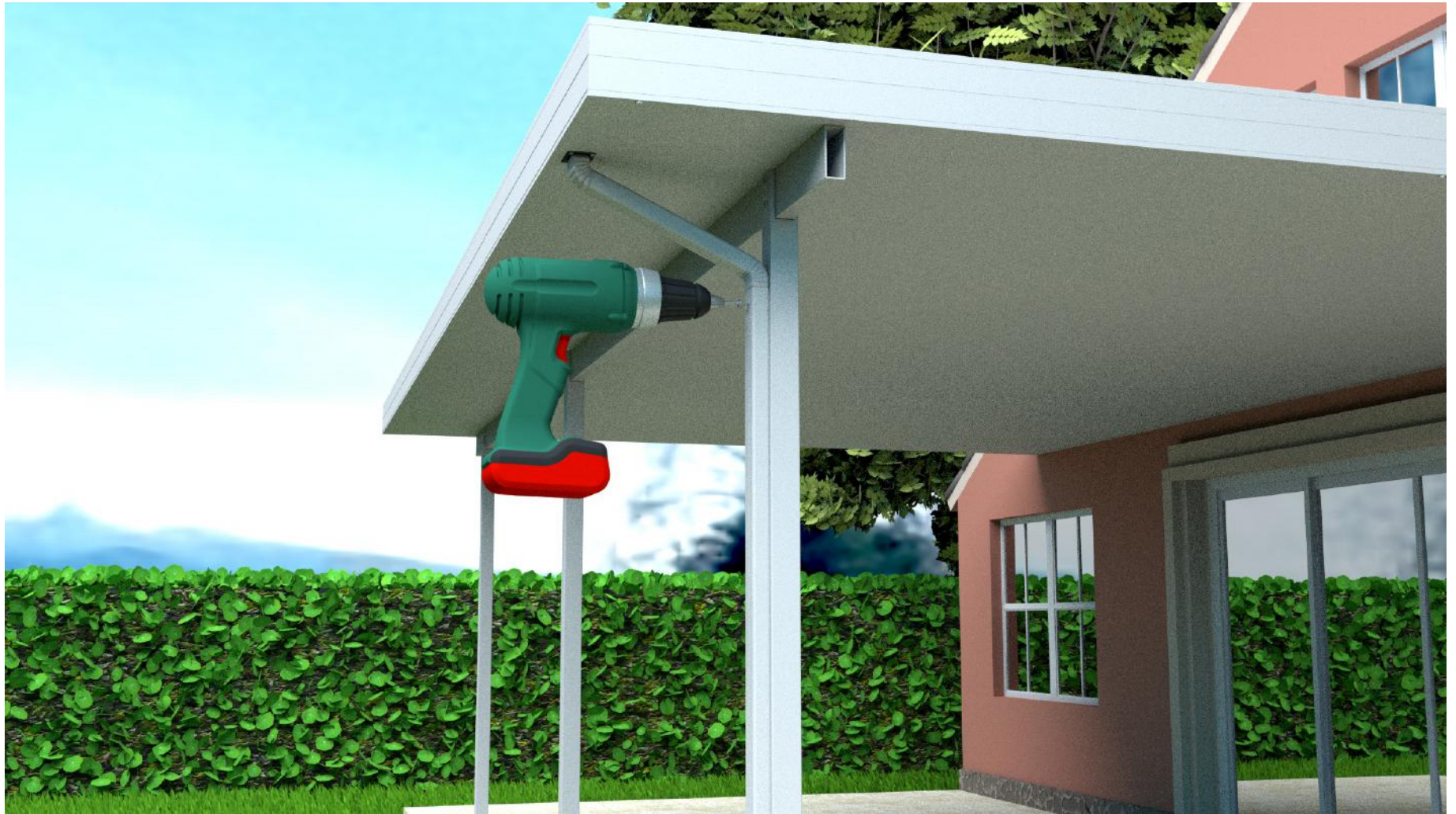
Install the e-gutter outlet using four tek screws #12.

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Cut the down spout to size and use the elbows to complete the installation.

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Secure the down spouts to the front of the post using two tek screws # 14 x 4-7/8 top and bottom.

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Secure the down spouts to the front of the post using two tek screws # 14 x 4-7/8 top and bottom.

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Follow the same procedure for the other down spout.

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Follow the same procedure for the other down spout.

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Cut two pieces of the receiving channel to cap both ends of the 2x5 beam.

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Secure the receiving channel using two tek screws #12 to the front face only.

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Enjoy your new patio project!

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