SIDE MOUNTED SPIGOT GLASS RAILING INSTALLATION GUIDE

This installation guide offers helpful tips and step-by-step instructions for installing your Glassupply Side Mounted Spigot Glass Railing System.

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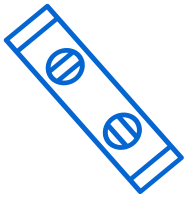
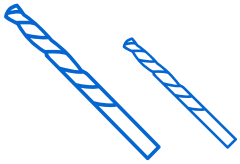
THE TOOLS YOU WILL NEED

Below is a summary of the basic tools you'll need. In addition you'll find what tools to use for each product in the following step-by-step instructions. It is suggested to wear safety glasses when using power tools.

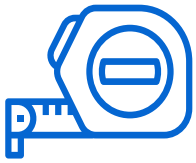


LEVEL

ALLEN KEY

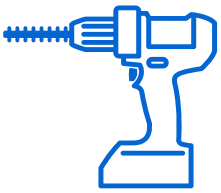


1/8'' AND 5/16'' DRILL BITS



MEASURING TAPE

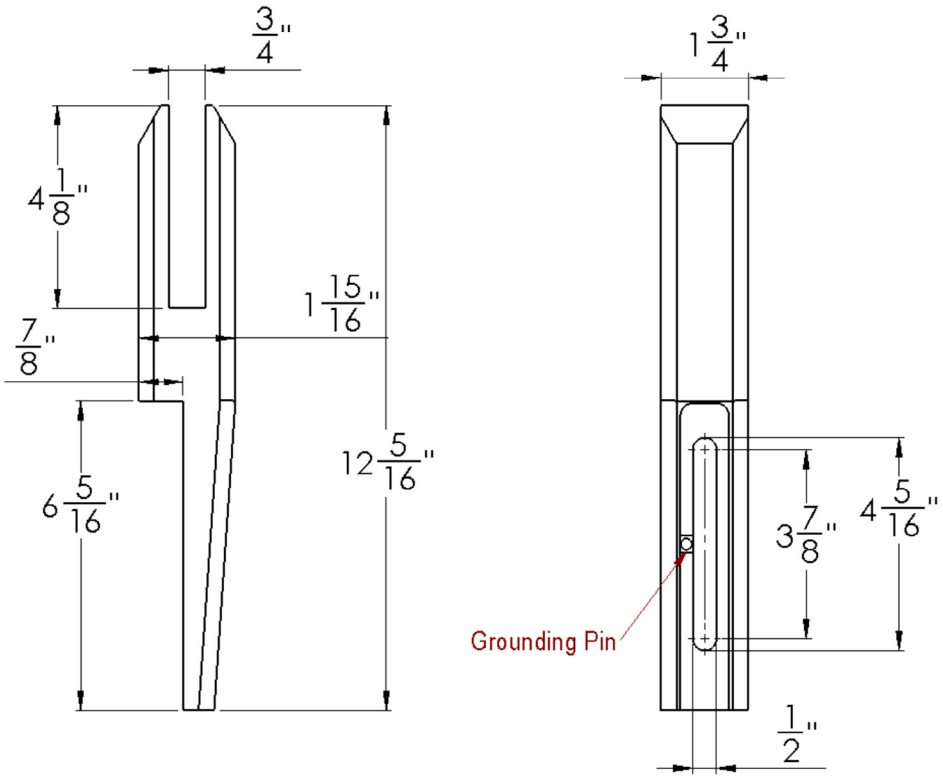
PENCIL

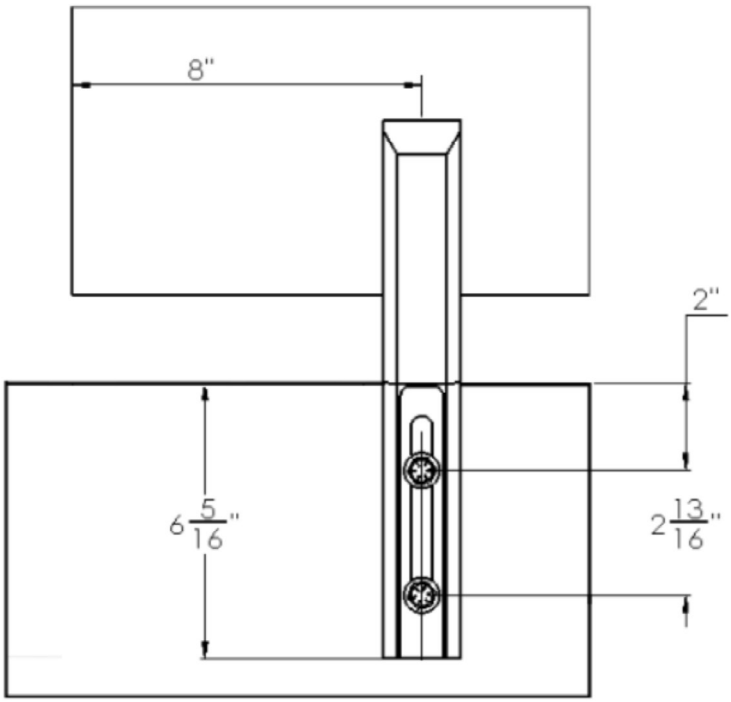


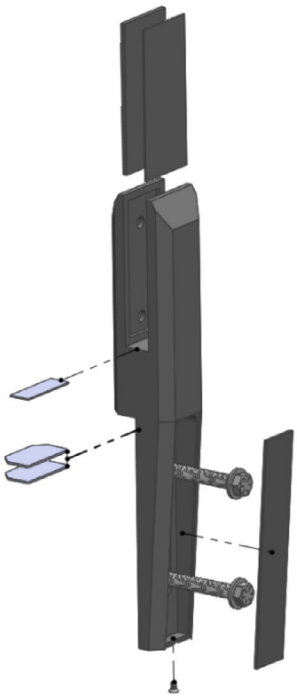
POWER DRILL

IMPACT DRIVER

SIDE MOUND SPIGOT SPECS AND EXPLODED VIEW





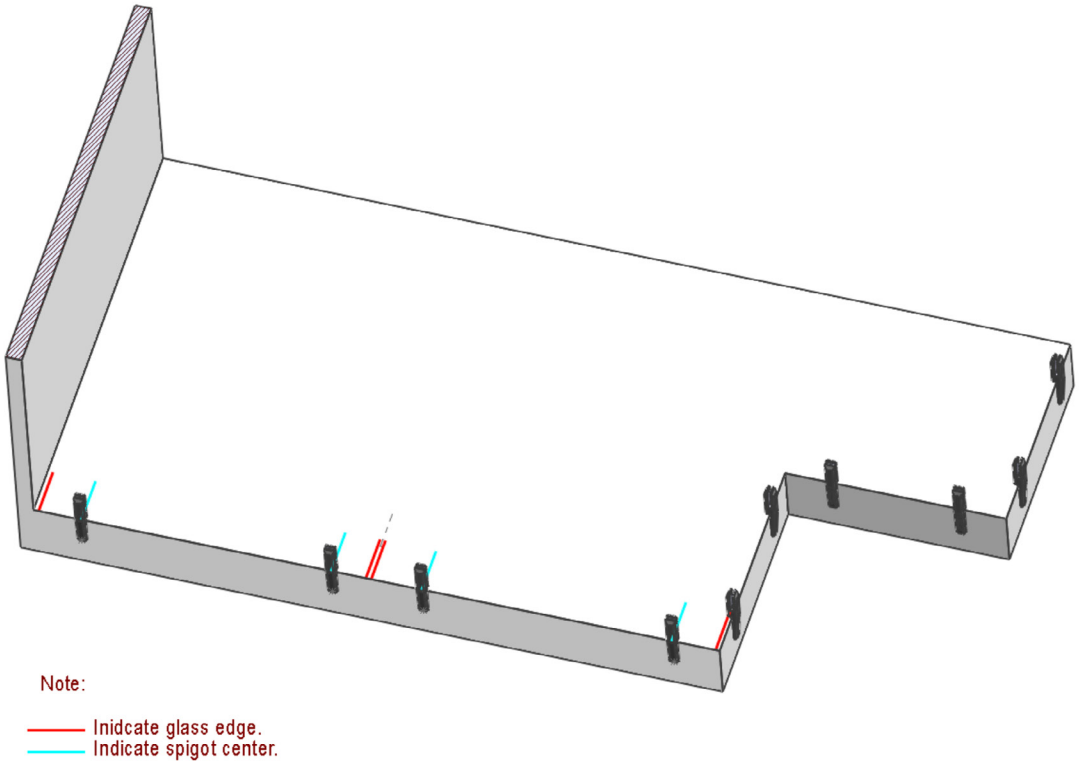


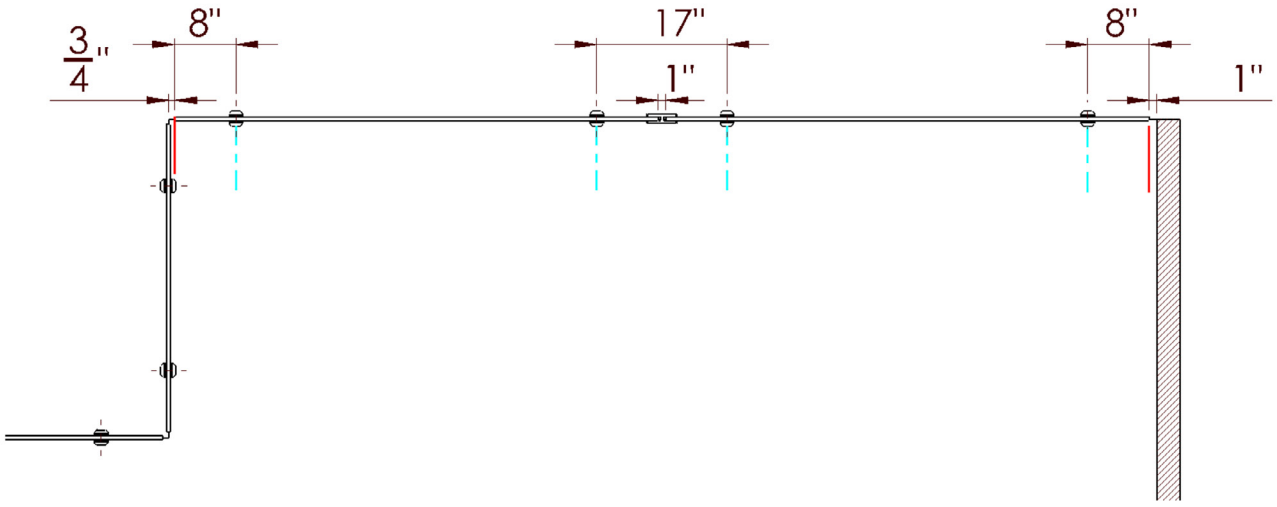
1 Mark Glass Panel Layout

Refer to your **project custom layout drawing** to locate the position of each glass panel. In this case, the **railing centerline runs along the edge of the deck**. Mark the **starting and ending points** of each panel along the edge, making sure to leave the appropriate **gaps between each glass pane**.

2 Mark Side-Mounted Spigot Positions

From the **starting and finishing point** of each glass panel, measure **8” inward** and mark the **spigot center** at each end. **Don’t forget to account for any door opening**, which would typically require a **36” gap** between the two adjacent panels. Refer to your **project layout drawing** to confirm exact locations and spacing.





3 Install Side-Mounted Spigots

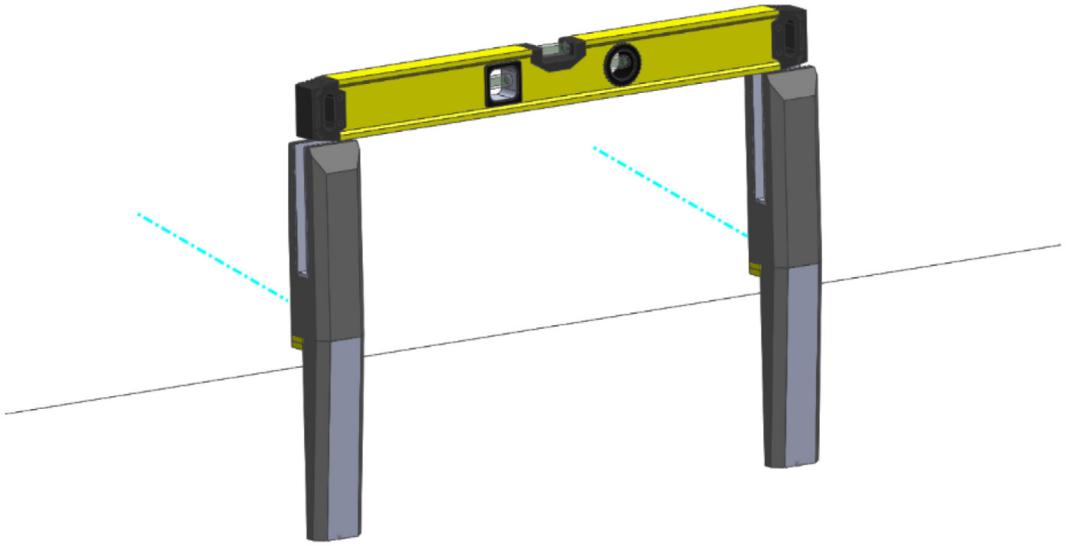
1. Align each **spigot body** with the **marks** made in **Step 2**.

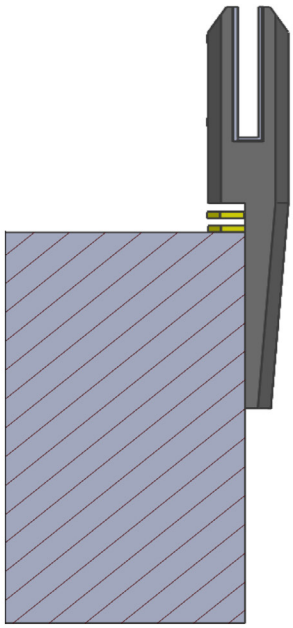
2. Locate the **highest point** of the deck surface—this will become your reference height. Use the **included spigot shim #1** to elevate the other spigots to match this height.

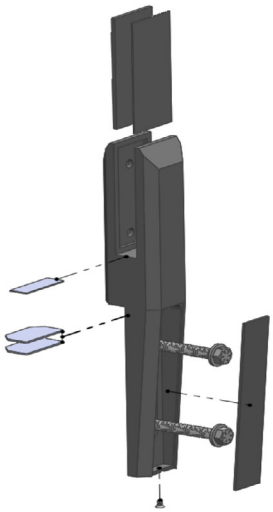
3. Try to level as accurately as possible at this stage, though spigots can still be adjusted in later steps. A **second set of shims #2** is also provided for use **under the glass** during final leveling, if needed.

4. Insert the magnetic plastic shim on the inside face of the spigot, keep the outside shim for later steps, depending on the glass thickness add the appropriate number of shims, there is also wedge like shims that can be used to align the top of the glass

5. Insert the **magnetic plastic shim** on the **inside face** of each spigot. **Keep the outer shim** aside for later steps — it will be installed after the glass is in place.The **U-slot** of the spigot is **intentionally made slightly oversized** to allow the glass to slide in easily during installation — especially useful when deck or glass edges aren't perfectly straight.





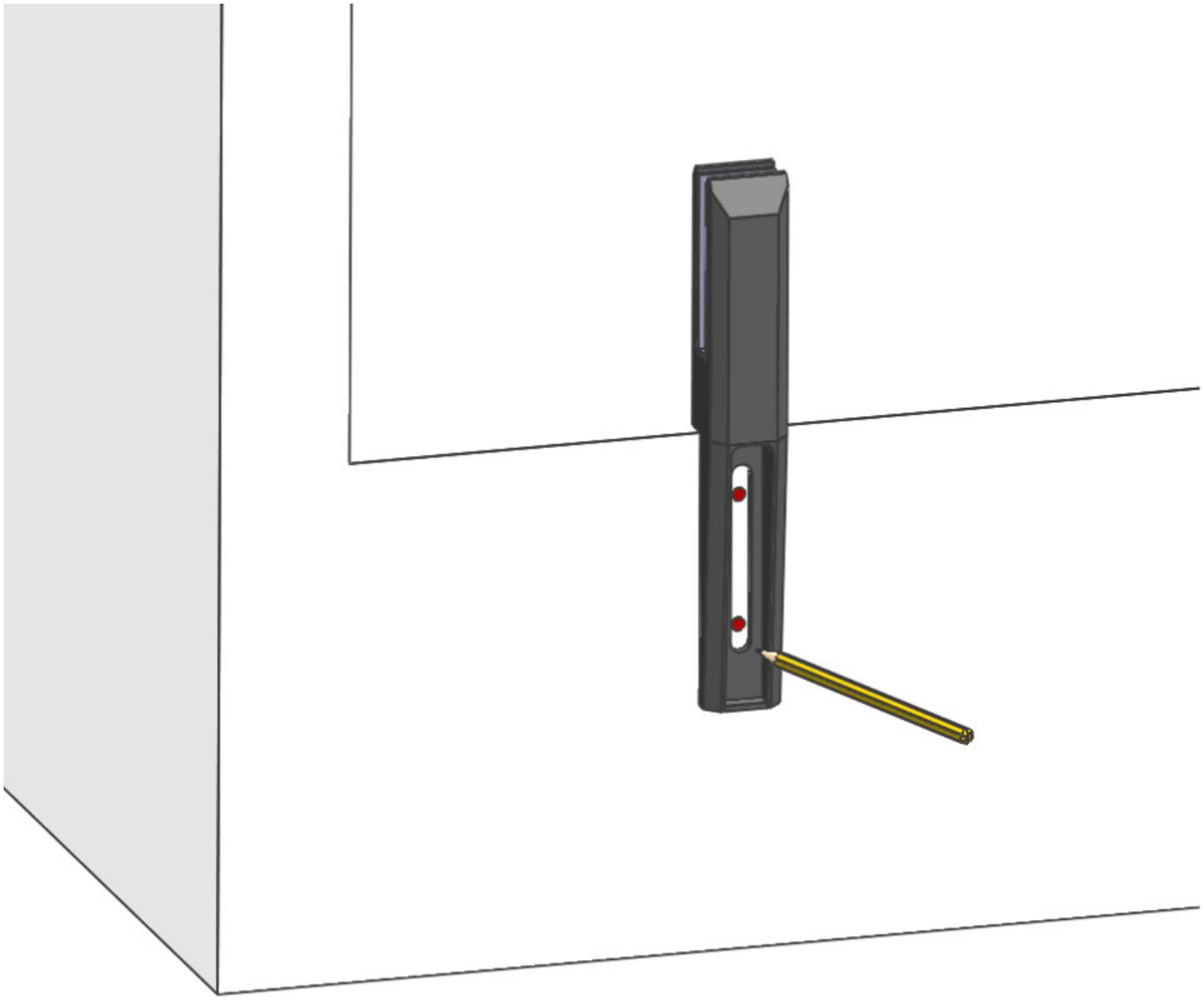


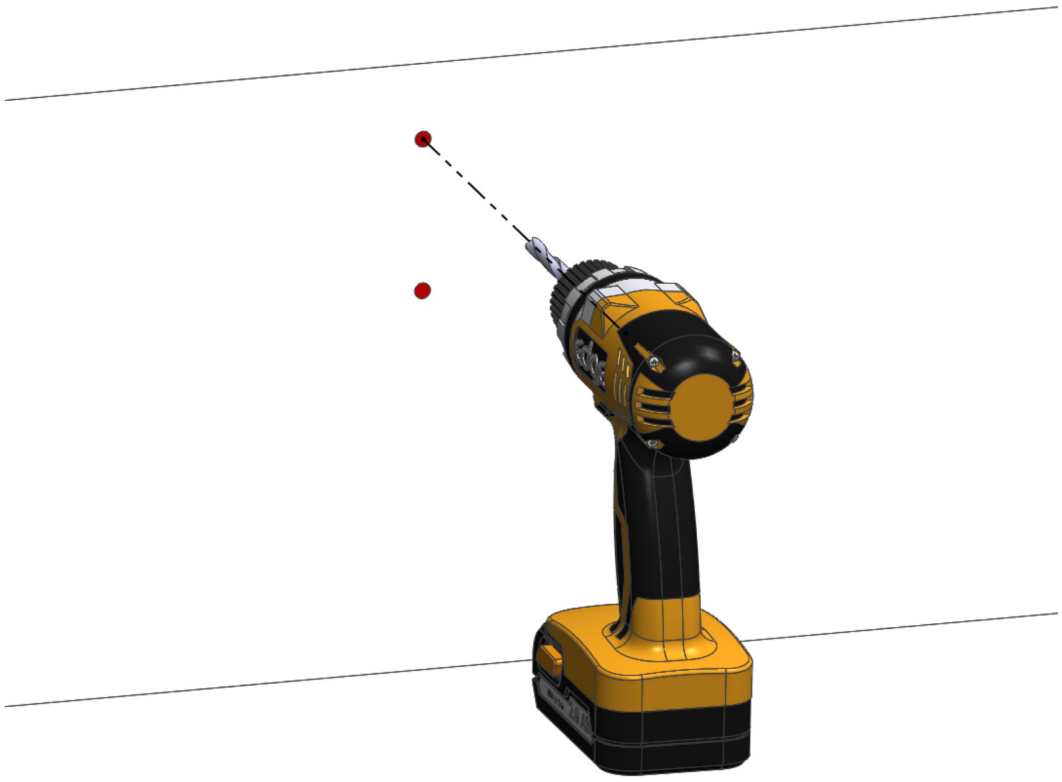
4 Mark and Drill Anchor Holes

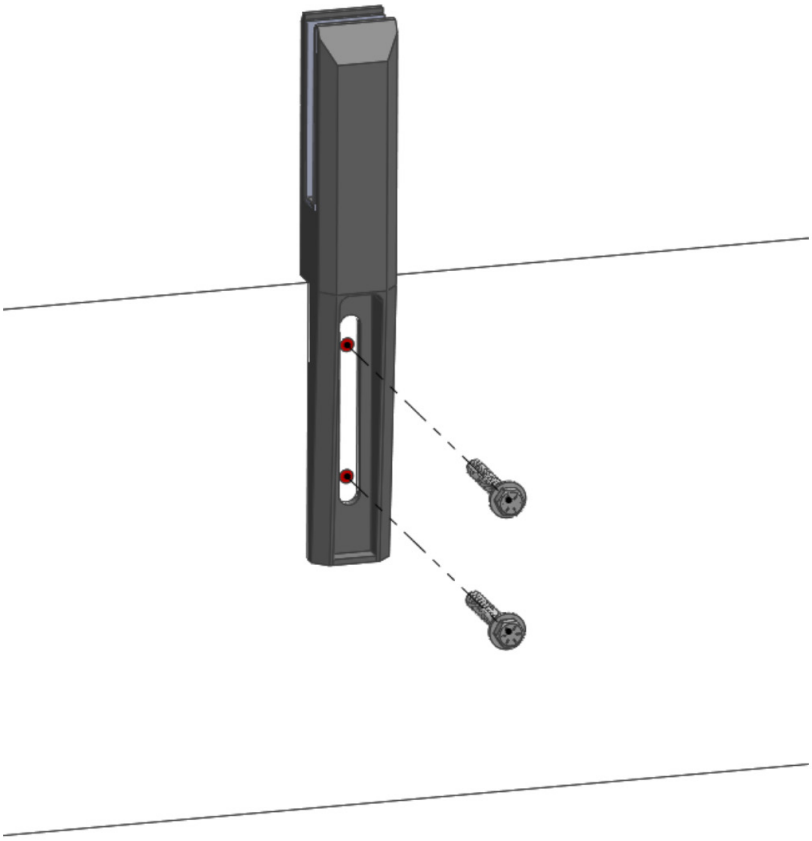
1. With the spigot aligned and temporarily held in place, **mark the position of the two anchor holes** on the side of the deck.

2. Remove the spigot, then **drill the marked holes** using the appropriate drill bit for your anchor type and substrate.

3. **Insert the anchors and fasten them securely** to ensure the spigot is held firmly in place.



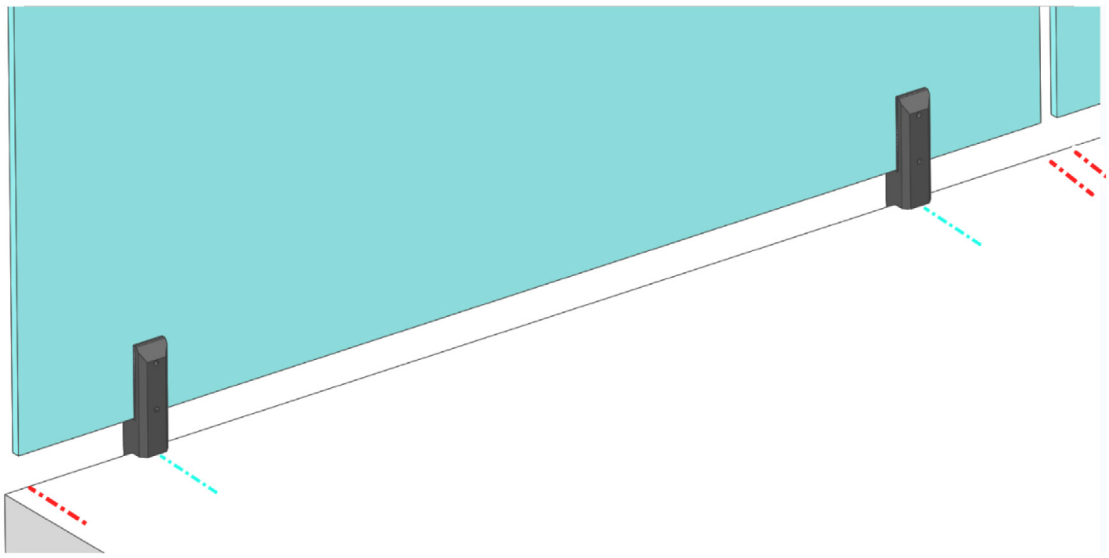


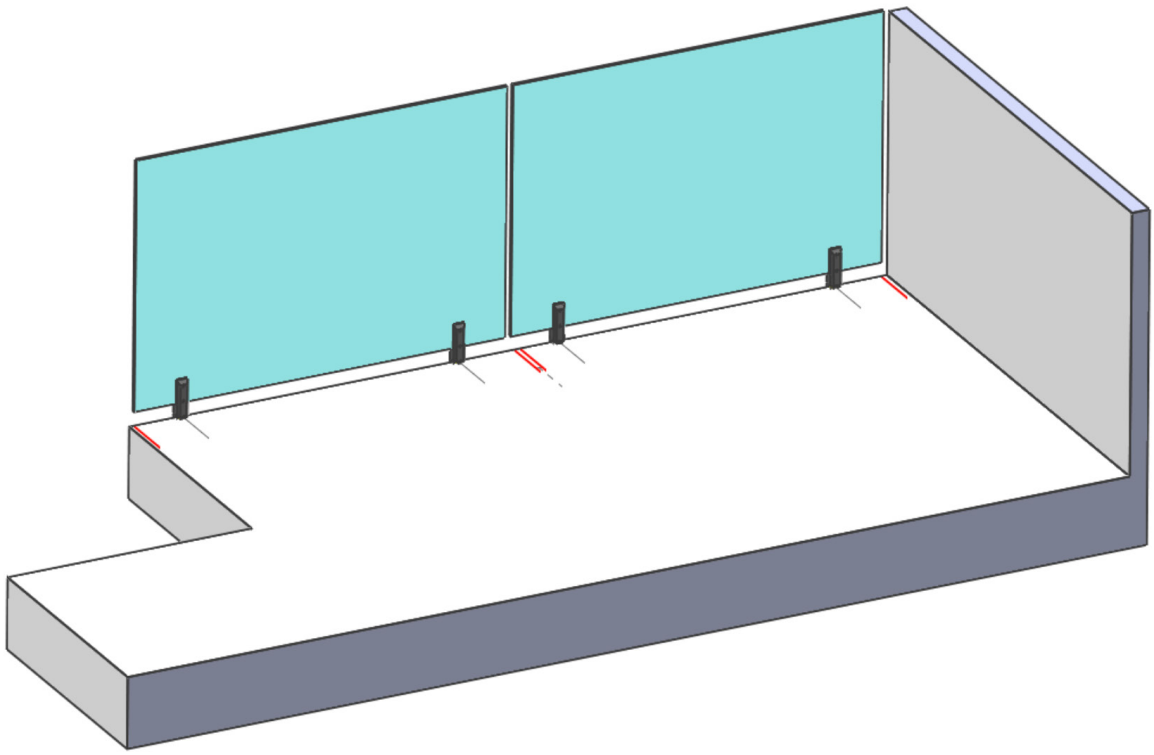


5 Installing the glass

Carefully **lift the glass panel** and insert it **from the top down** between the spigots. Align both **glass edges** with the layout lines made in **Step 1**.

Tip: The **corners of tempered glass** are its most fragile points. To avoid chipping, **do not drop the panel straight in** if other glass panels are already installed. Instead, insert the panel **slightly offset to the left or right**, then **gently slide it into position** to align with the marks.



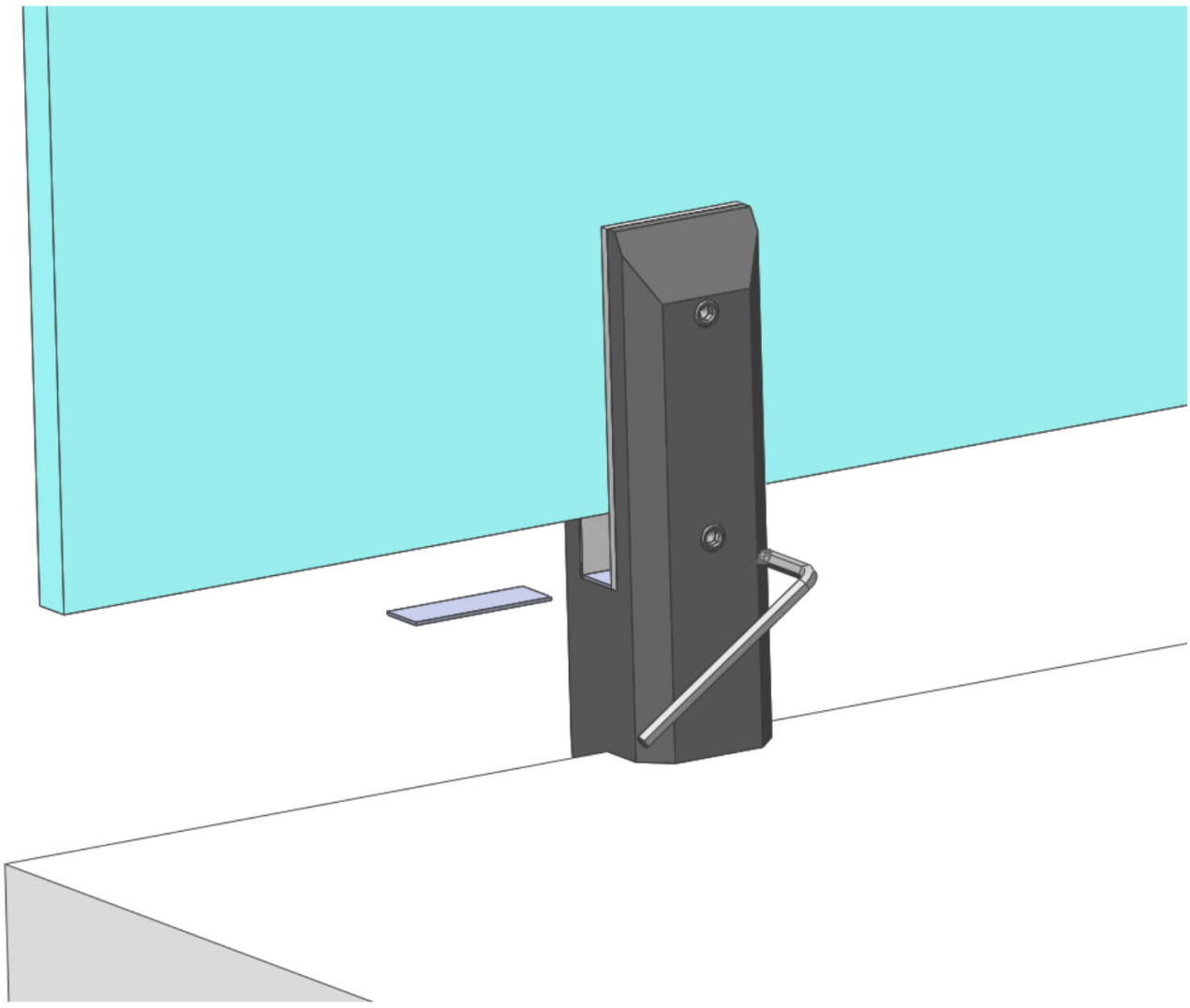


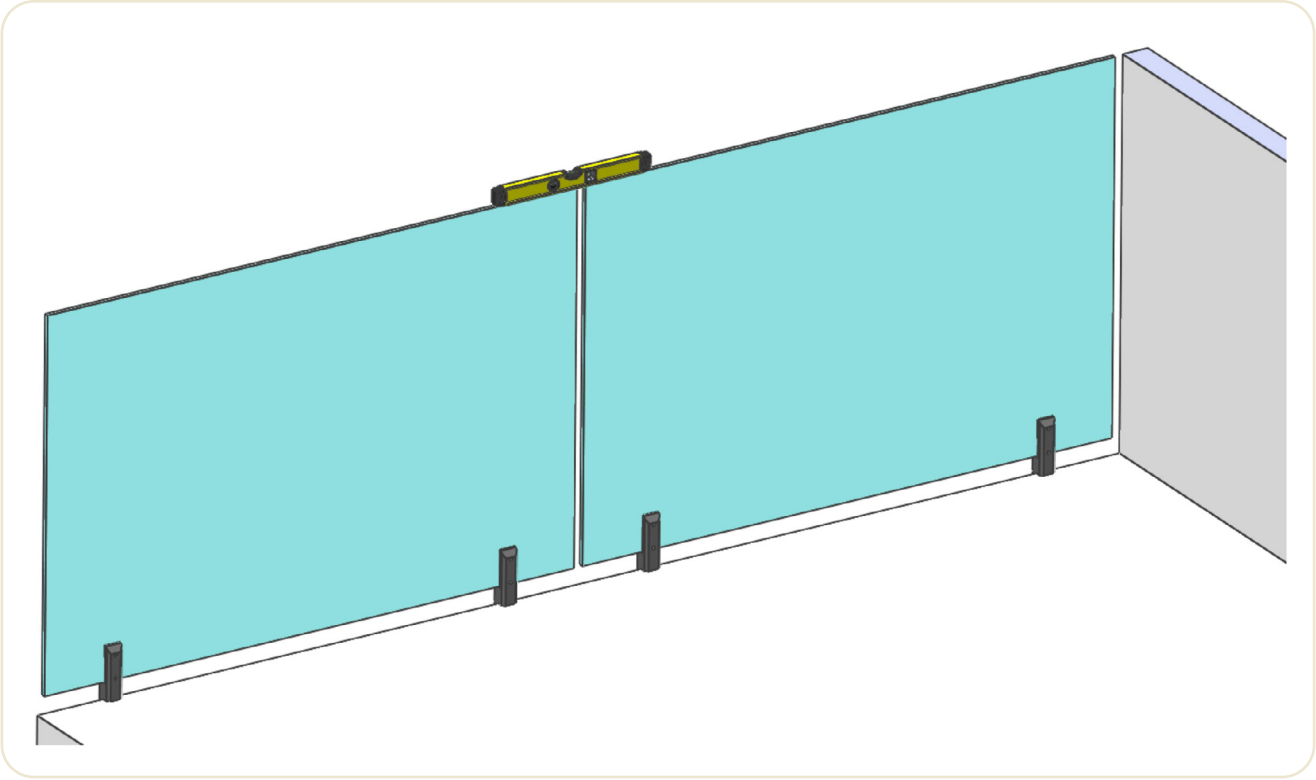
6 Adjusting the Glass

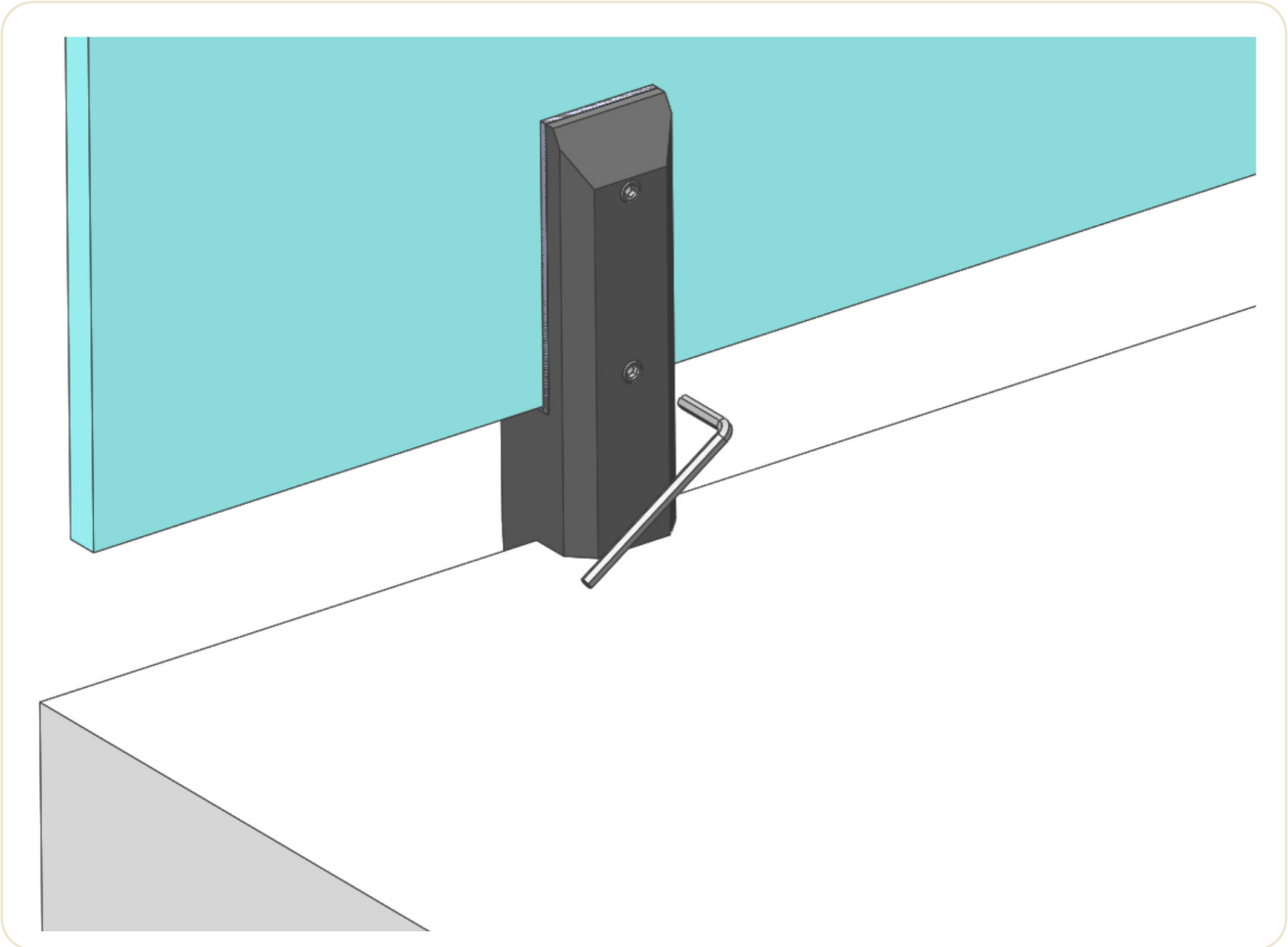
1. Adjust each **glass panel** until it is **level** and the correct **gaps are maintained** around the perimeter. Perform final adjustments to ensure all panels are properly **aligned** and there is an even **reveal** between them.

2. Loosen the **Allen key screws** on the spigots and use the **setting blocks** provided in the installation kit to fine-tune the glass height and level. Once aligned, **re-tighten the Allen screws** to lock the glass in place.

Tip: Installing the **glass-to-glass clamp or toprail** in later steps will help plumb and align the **top edges** of adjacent panels for a clean, continuous look.







7 Installing the Glass-to-Glass Clamps

In this example, we use **glass-to-glass clamps without a top rail**, though a **top rail or handrail** can also be used with the **side-mounted system**. You can customize your configuration directly in our **Interactive Railing Planner** or by speaking with a **technical sales representative**.

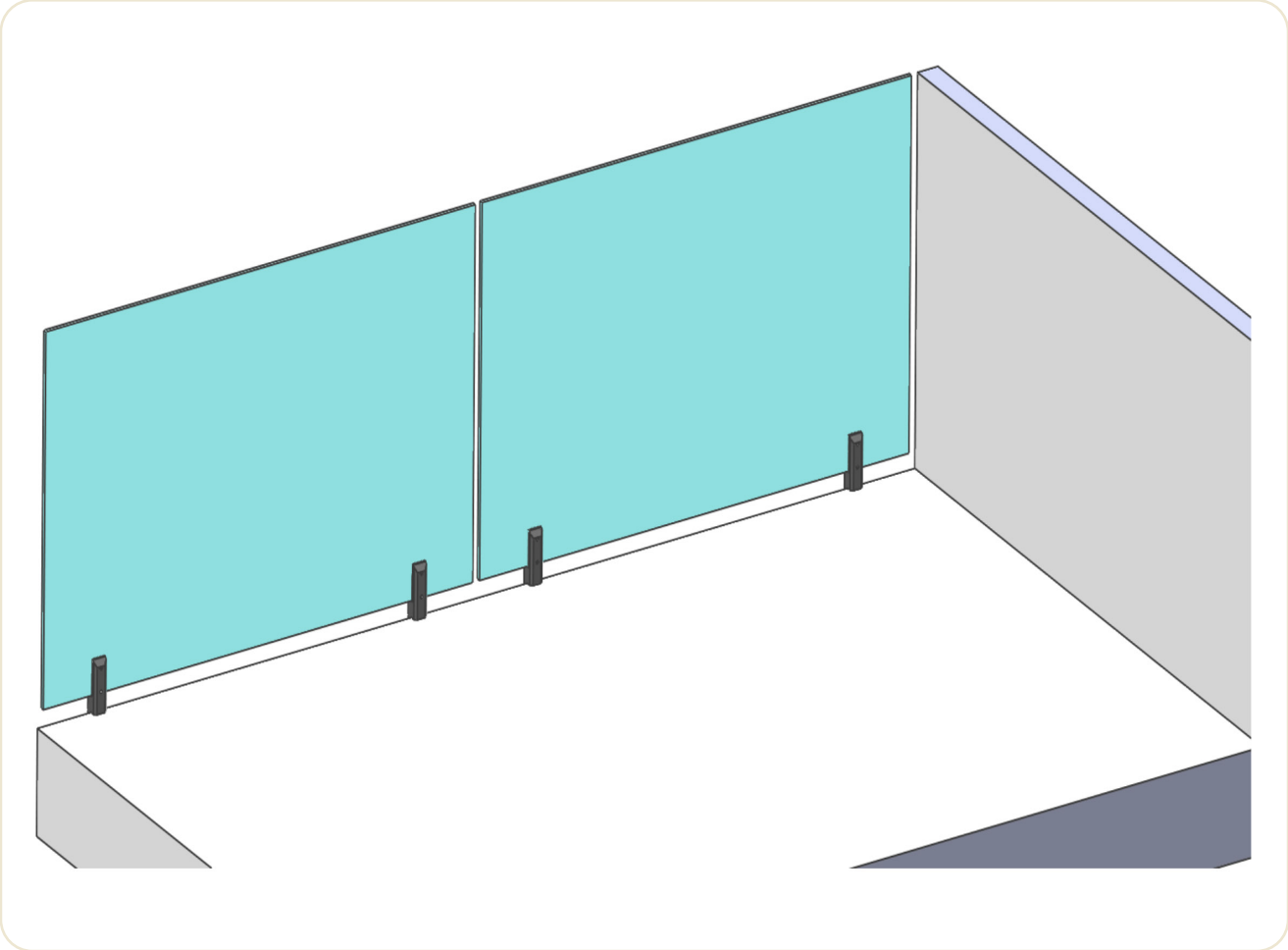
1. Loosen the **Allen key screws** on the clamp.

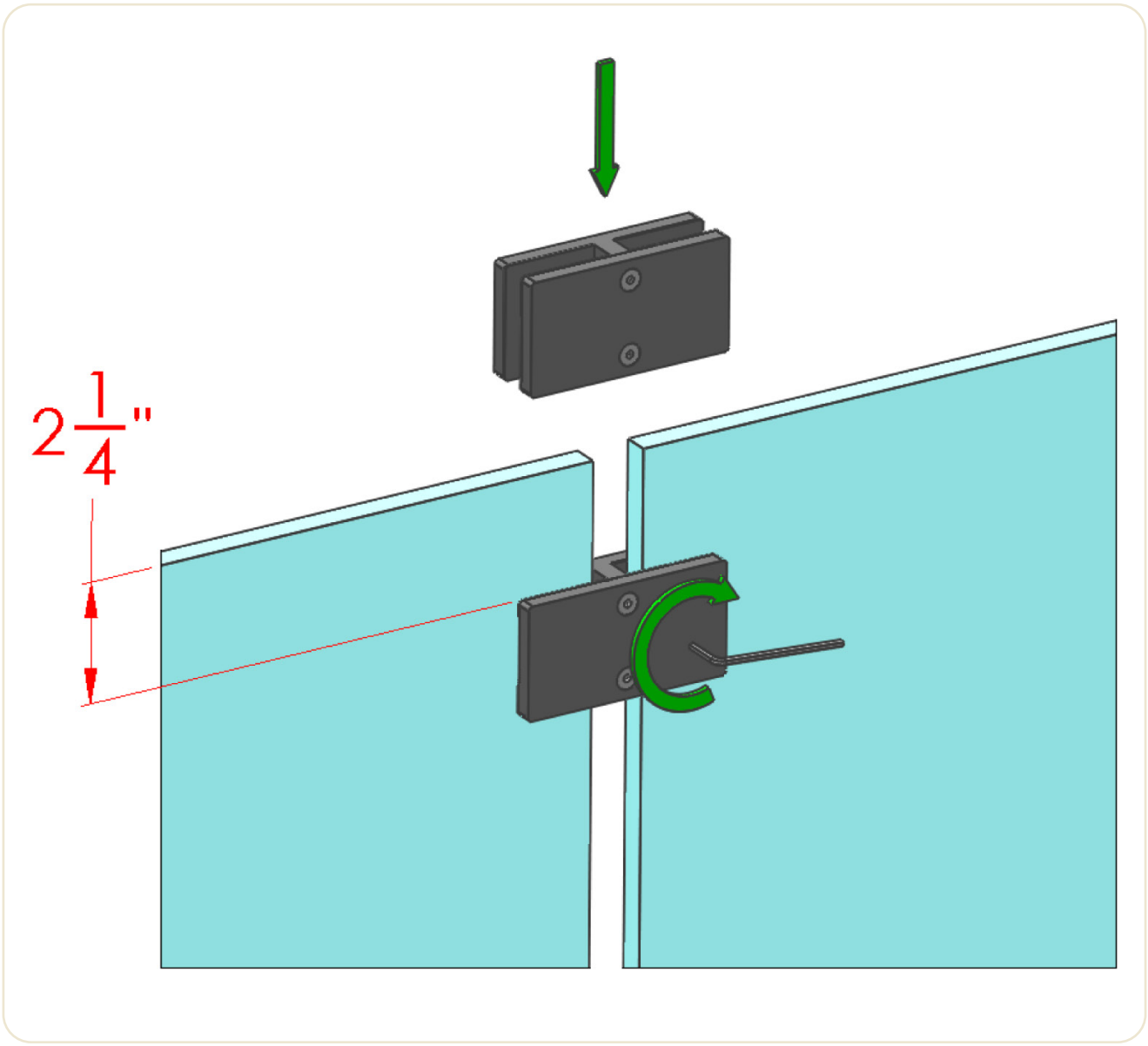
2. Slide the clamp down into position and set it at the **desired height**. We recommend a **2¼" gap** from the t**op of the glass** to the **top of the clamp**.

3. Manually tighten the clamp on the **inner face** to secure it in place.

The **2¼" spacing** is based on our **load-tested standard**. However, some installers choose to place the clamp **directly at the top edge** of the glass—this can help **hide minor height differences** between panels.

Installing the clamp lower than 2¼" is **not recommended**, as structural tests were conducted using this spacing.





8 Visual Reference Check

Refer to your **project layout drawing** to verify the final alignment. Before installing all the clamps, ensure the setup closely **matches the final illustration** provided. This will help confirm proper spacing and glass alignment across the system.