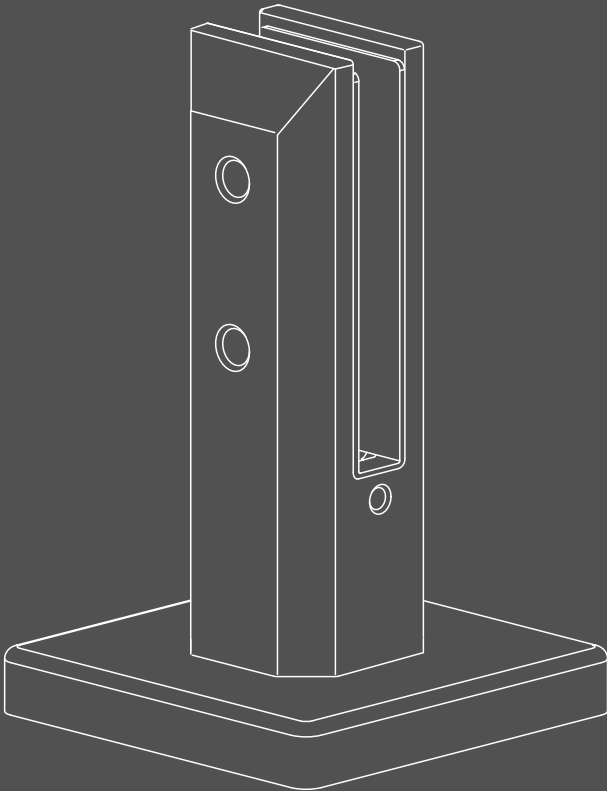


Ara Spigot Installation Guide



FUTUREGLASS

Before You Start

- Review local and regional building codes regarding glass fencing construction and requirements.
- Confirm that you have the correct fixings and hardware for your project to match your substrate and build to code. We recommend TapCon 3/8" x 4" Concrete Anchors or 3/8" x 4" Lag Screws for Wood Decking.

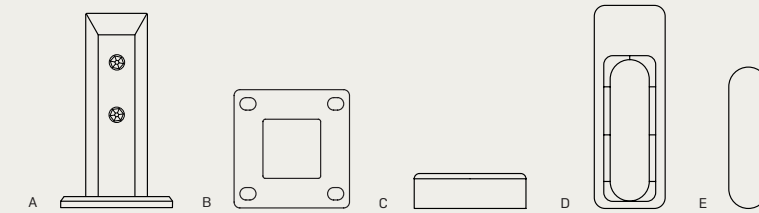
Ara Spigot Installation Guide

The Ara is a square baseplate spigot designed with rectangular, clean modern lines. It is designed for surface mounted applications to achieve a fully frameless glass aesthetic, while being engineered to US glass railing standards. Made from the highest grade Duplex 2205 Stainless Steel, it provides the best protection for outdoor applications. Accommodates 1/2" (12mm) and 9/16" (14mm) glass thickness.

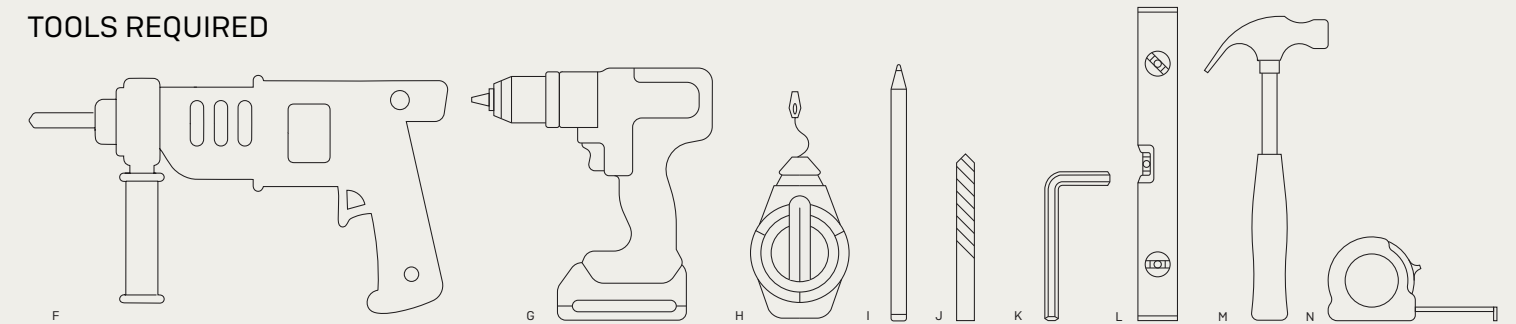
SAFETY REQUIREMENTS

Before installing, check with your local City Building Codes for railing.

INCLUDED IN EACH SPIGOT BOX



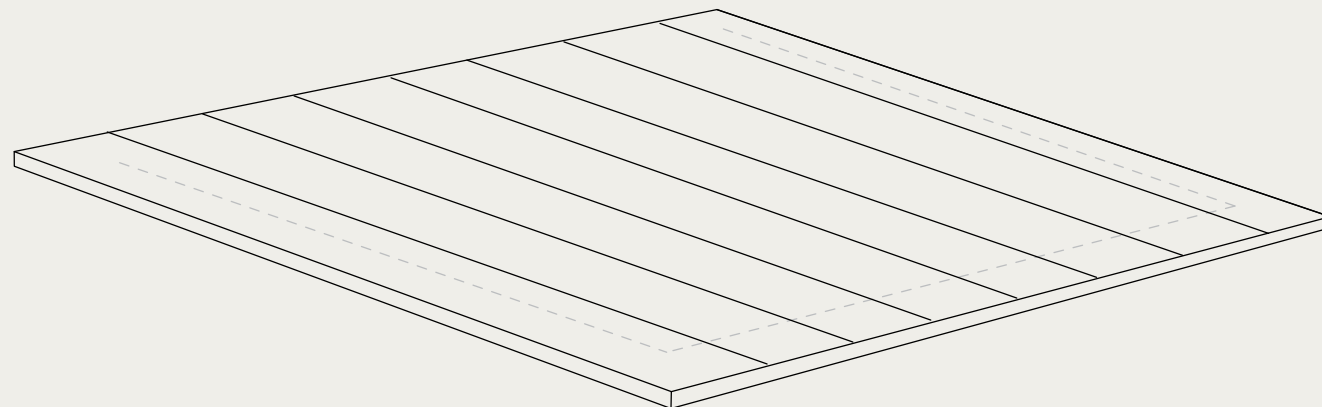
TOOLS REQUIRED




- | | | |
|-------------------------|--|-------------------------|
| A Spigot | F Hammer Drill | K Allen Key |
| B Leveling Shim | G Power Drill | L Level |
| C Cover Plate | H Chalk/String Line | M Hammer |
| D Friction Plate | I Pencil/Marker | N Measuring Tape |
| E Metal Shim | J Drill Bits <i>(size dependant on substrate)</i> | |

SPIGOT SPACING

Take the width of each glass panel and divide it by 4 and that is the distance the spigots will come in from each end of the panel.



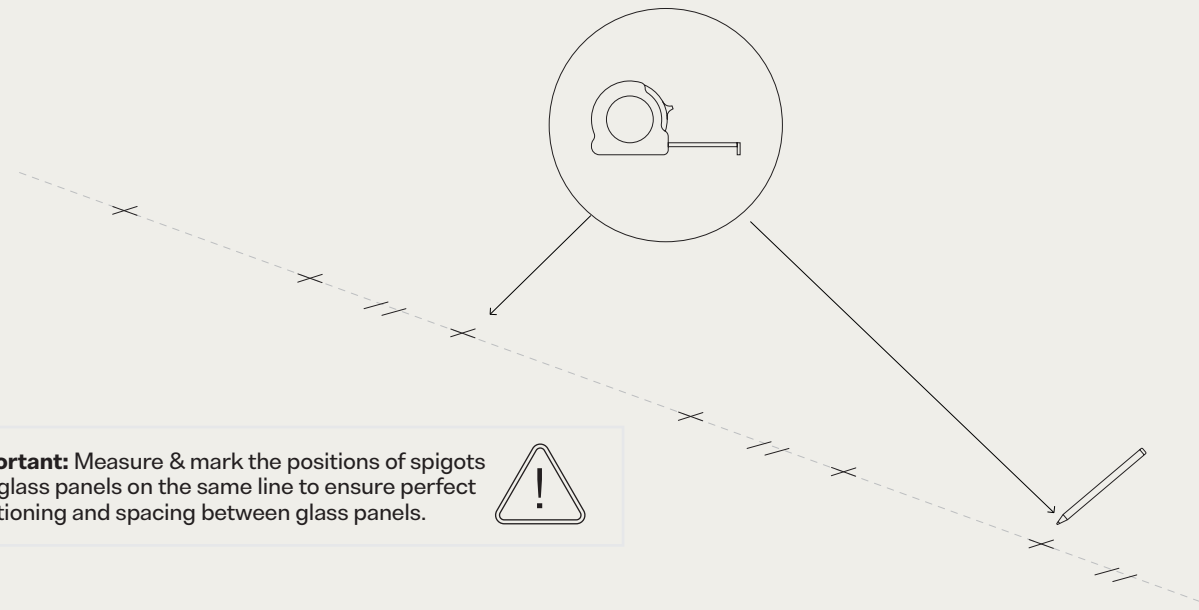



Important: We recommend marking the line of your fence using a temporary chalk line. 

01

Mark the line of your fence using a chalk line.

This will be the center line of your spigots. Refer to the engineering document to ensure that the marked line is the correct distance from the edge of your substrate.

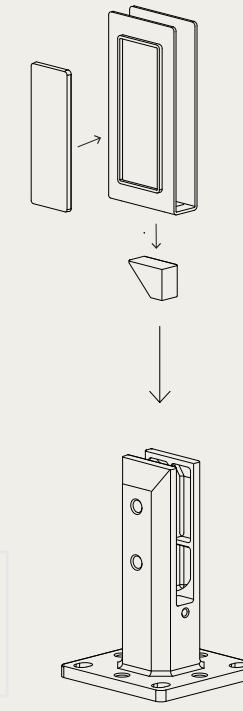



Important: Measure & mark the positions of spigots and glass panels on the same line to ensure perfect positioning and spacing between glass panels. 

02

Rough out Spigot and Glass Panel positions on substrate.

Refer to the spigot spacing guide for positioning on Page 02.

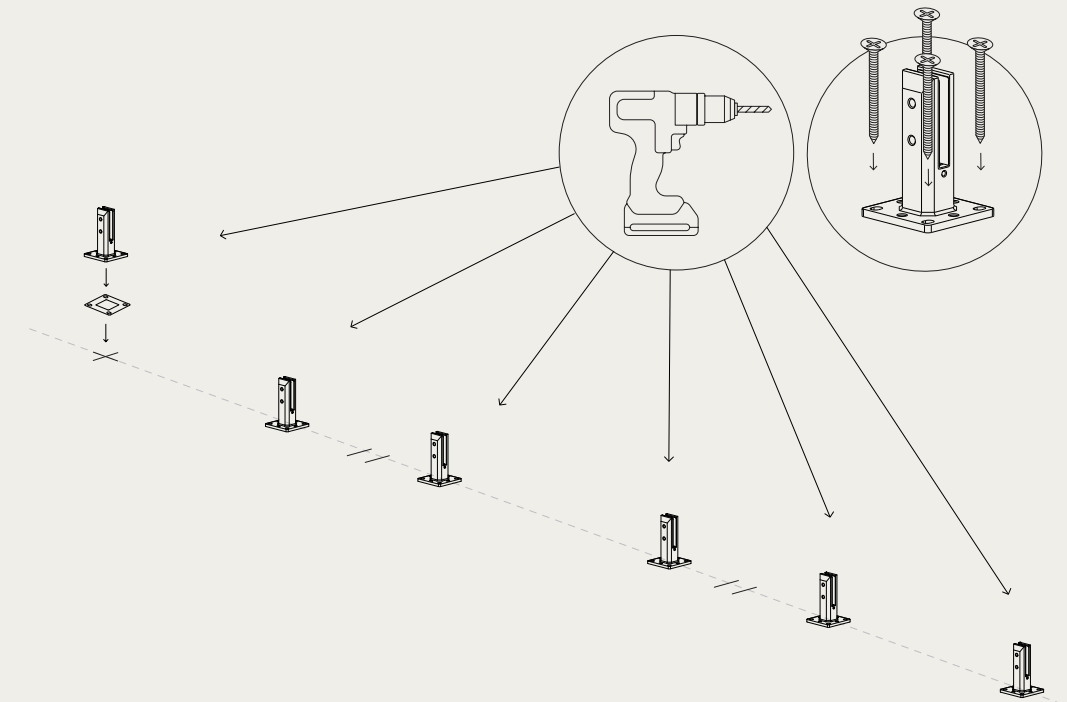


Important: Ensure the color of the color code sticker on the plastic shim matches the color code for your glass thickness. 

03

Peel the sticker backing & attach the metal plate to matching shape in the plastic shim.

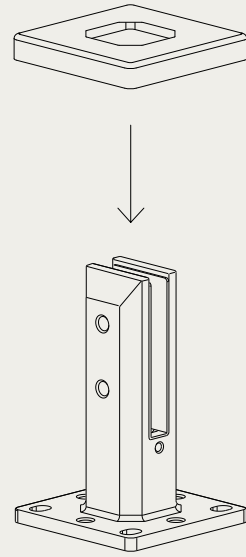
Once completed, peel the remaining stickers and attach grub screws. See legend included with spigots.



04

Place Leveling Shim directly underneath the baseplate of the spigot.

Fix your spigots on the pre-marked position with the appropriate fixings for your substrate. Check the level of Spigots and once achieved, fully tighten.



05

Lower cover plates over spigots to complete spigot assembly.



Caution: The most fragile parts of tempered glass panels are the corners. Therefore, it is critical to avoid contact with the corners.

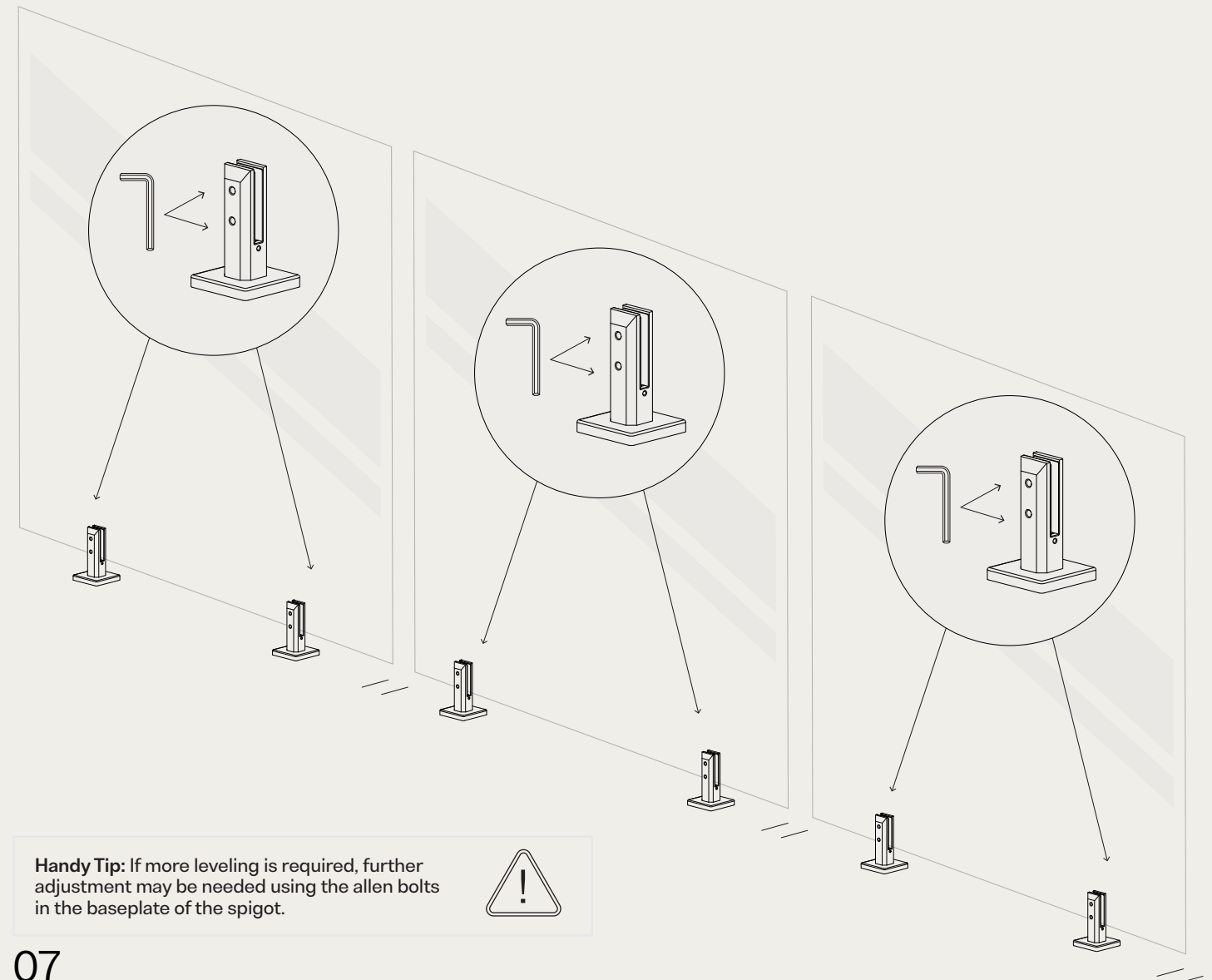


06

For placement of glass, ensure gaskets are sitting correctly in spigot.

Using two people, carefully lower glass into spigots evenly. Be sure to lower glass into pre-marked position

and align glass edges with glass panel gap marks on decking surface.



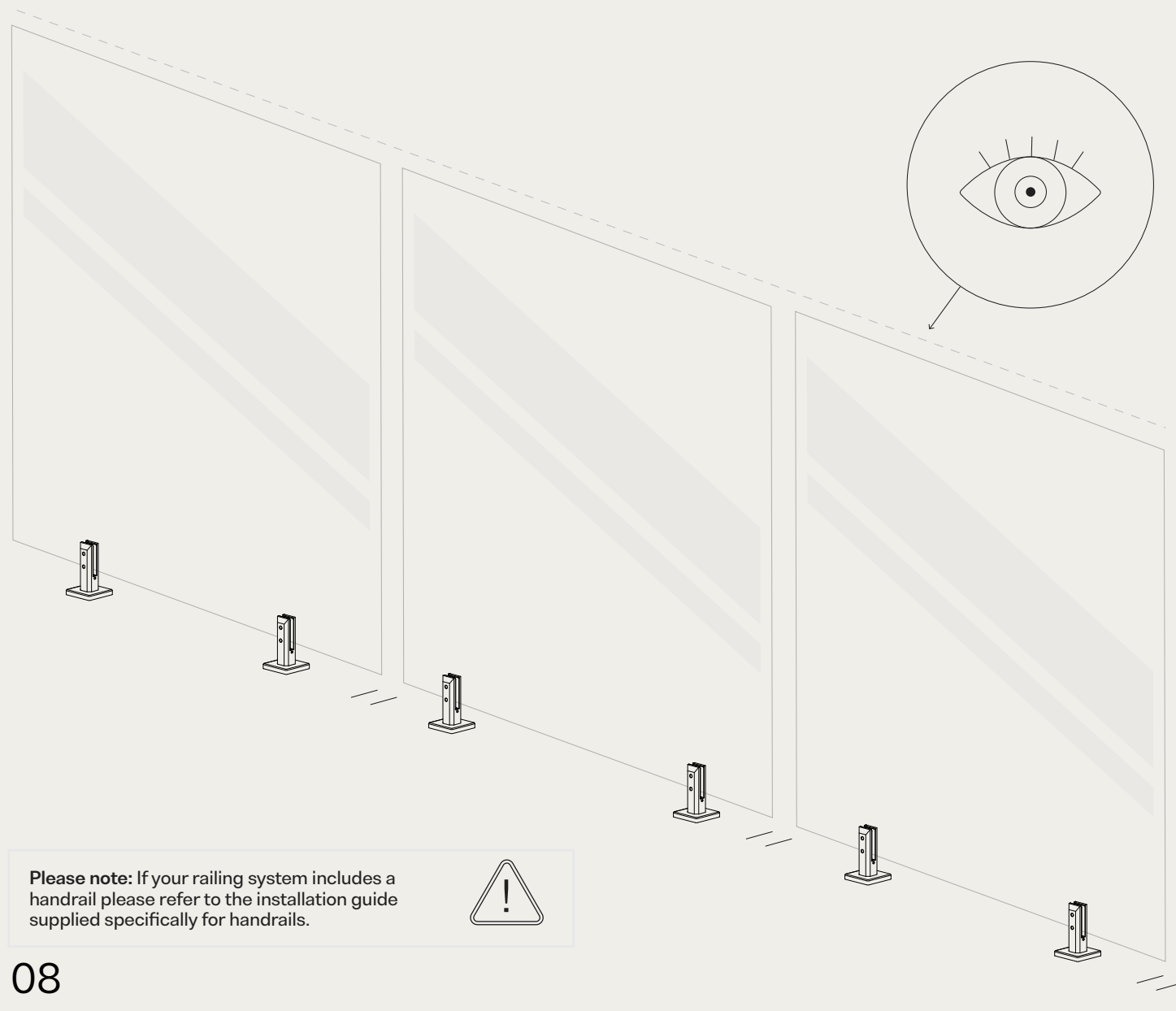
Handy Tip: If more leveling is required, further adjustment may be needed using the allen bolts in the baseplate of the spigot.



07

Make sure the glass is positioned & spaced correctly before tightening grub screw on side of spigot.

Starting at one end, level each glass panel by tightening the two grub screws on the back side of each spigot.



Please note: If your railing system includes a handrail please refer to the installation guide supplied specifically for handrails.



08

Once installed, eye the entire line of your fence to ensure all panels are aligned.

If glass panels are not aligned, adjust grub screws on baseplate (beneath cover plate) to straighten. This isn't

as critical if you are using a top cap/handrail as handrail will align panels once installed.

Care & Maintenance

EnduroShield makes cleaning easier and less frequent; however it is recommended that you continue to clean the surfaces regularly.

Maintaining the Treated Surface

For best results simply drying the glass with a squeegee or towel after each use will help keep the glass clean and reduce mineral spots forming. The glass needs to be cleaned every few weeks using a damp microfiber cloth and a mild detergent to break down soaps, oils, and conditioners on the glass. General glass cleaners are also suitable, however most of these are finishing agents rather than cleaners, and are an added expense that is not required.

Hard Water Maintenance

In hard water areas, or areas where water drops dry and leave a noticeable dust mark, a build of minerals may occur on the protective treatment. While these may not be removed as easily with the mild detergent, mild acids will often remove the marks quickly. As needed white vinegar should be used to wipe down the glass. Keep in mind the vinegar may be diluted with water, however dilution reduces the effectiveness.

Spray vinegar onto the glass and allow to soak for several minutes. This should dissolve any mineral deposits that have built up on the glass surface. A damp microfiber cloth should then be used to wipe over the surface. For extreme hard water areas we recommended using undiluted vinegar every week or so as a cleaning option to reduce this build up on the surface, rather than allowing the build up to continue over a long period of time.

Caution: Prohibited Products *Note these may damage the treatment and void any warranty

- Avoid the use of any abrasives or polishes including water spot removers, toothpaste, polishes, rough, or gritty substances
- Avoid the use of acids or alkalis that you would not want in contact with your skin for an extended period of time
- Avoid products such as Comet, Ajax, Jiff or Cerium Oxide which polish back the actual substrate
- Avoid the use of any harsh or chemical cleaners, with correct maintenance these are never required

Exclusive Limited Warranty Terms & Conditions.

This limited warranty ("Warranty") is effective as of AUGUST 22, 2024

PLEASE READ THE WARRANTY TERMS AND CONDITIONS BEFORE PURCHASING AND BEFORE ISNTALLING OR RESELLING YOUR FUTURE GLASS PRODUCT. BY PURCHASE, INSTALLING, AND OR RESELLING THE FUTURE GLASS PRODUCT, YOU ARE CONSENTING TO BE BOUND BY

Future Glass ("Seller") provides this limited warranty to the business or individual ("Buyer") who purchases a Future Glass product ("Product") directly from Seller for the purpose of re-selling the Product to an end user and/or installing the Product on behalf an end user ("Customer"). Seller warrants to Buyer that for a period of five (5) years from the date of shipment of the Product to Buyer or the date of Buyer receiving the Product at Seller's facility ("Warranty Period"), that the glass and hardware components that are integral to such Products (excluding seals) will materially conform to Seller's published specifications and will be free from material defects in material and workmanship. With respect to any part finished in oil rubbed bronze or matte black, the Warranty Period for such finish shall be one (1) year.

The warranty provided above shall be voided if the Product (i) has been subjected to abuse, misuse, neglect, negligence, accident, improper testing, improper installation, improper cleaning (such as use of abrasive cleaners), improper storage, improper handling, abnormal physical stress, abnormal environmental conditions, or use or installation contrary to any instructions or guidelines issued by Seller; (ii) has been altered, repaired, or reconstructed by anyone other than Seller; (iii) was installed by anyone other than a fully insured and licensed professional; (iv) is installed or used outside of the US or Canada; or (v) has been used with any third-party hardware or product that has not been previously approved in writing by Seller. This Warranty shall not apply to normal wear and tear.

Buyer may pass this Warranty through to its own Customers. However, the Warranty shall extend only to the original Customer who owned the property at the time of installation and will not apply to any subsequent owners of the property. Neither Buyer, nor any other person is permitted to make any affirmation, representation, or warranty other than those contained in this Warranty. Any affirmation, representation, or warranty other than those contained in this Warranty shall not be enforceable against Seller or any other person. Seller reserves the right to modify this Warranty at any time, it being understood that such modifications will not alter the terms and conditions applicable at the time of sale of the products in question.

Claims Process and Remedies:

All Warranty claims are subject to review and confirmation by Seller, and Seller reserves the right to inspect the installation to confirm the validity of the warranty claim. To submit a warranty claim, Buyer must:

1. Contact Seller's customer service department within 30 days of discovering the defect. Contact information: Phone: (760) 203-6255 Email: info@futureglass.us
2. Provide the following required documentation: (a) proof of purchase; (b) detailed description of the defect, including photographs; (c) item part number.
3. A customer service representative will review the claim and may request additional information or schedule an inspection of the Product and/or installation. Buyer must cooperate fully with any requests for information or inspection.

Seller shall have no obligation to honor any Warranty claim that does not comply with the above claims process. If a Warranty claim is approved, Seller shall, in its sole discretion, either: (i) repair or replace such Product (or the defective part), in which case Seller shall cover shipping of the repair parts or replacement product; or (ii) refund the price paid by Buyer to Seller for such Product. Replacement parts and products will be covered by the Warranty for the remainder of the Warranty Period of the original Product. Seller may require that the Product be returned to Seller, at Seller's expense. Except for any repairs made by Seller or its representatives as set forth above, Seller shall not pay for labor related to the Warranty claim, such as removal of the defective Product or installation of a replacement product. Seller's warranty obligation shall be discharged upon tender of parts, replacement or repair of the Product. Buyer's refusal to accept the tender terminates all warranty obligations and **VOIDS THE WARRANTY.**

THE REMEDIES SET FORTH ABOVE SHALL BE BUYER'S SOLE AND EXCLUSIVE REMEDY AND SELLER'S ENTIRE LIABILITY FOR ANY BREACH OF THE WARRANTY

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WARRANTY SERVICE

**Contact Technical Support:
Monday – Friday 8am – 5pm – PST**

Technical Support: (760) 203-6255

Email: info@futureglass.us

