



EASYG350 SERIES RAILING INSTALLATION INSTRUCTIONS

SAFETY FIRST: Wear protective goggles when using power tools. Use a safety harness if your work at an elevated site and a fall may cause an injury. It is the installer's responsibility to make sure railings are assembled and installed according to these instructions.

Tools you will need:	Tape Measure	#2 Square or Phillips Bit
	Power Drill	Compound Miter Saw
	Drill Bit 11/64"	Speed Square

1. **Check** all parts for any damage in transit. Keep the protective film on for as long as practical during the assembly. READ all the instructions before starting.
2. **Examine Fig. 1 and 2 below** noting the location of parts and dimensions. Determine and mark locations of posts. Trim posts if needed, the total lengths should be: **42"H**: Deck post: 40 1/4"; Fascia post: 50 1/4". **36"H**: Deck post: 34 1/4"; Fascia post: 44 1/4"

Post Installation Notes: ATTENTION! Posts must be attached to framing members. For proper and safe installation you must add sufficient blocking, backing plates or other reinforcements as needed to reliably support posts. **Deck posts:** the surface under post flanges must be flat. If necessary flange holes can be drilled out for 1/4" fasteners. To avoid material stress all fasteners must be attached perpendicular to the flange. **Fascia posts:** make sure posts are at the same height above the deck: measure and mark 10" from the bottom of the post (this is your deck level). Insert plastic plugs into the bottom ends of the posts. Drill small drainage holes in the plug centers. **Make sure all posts are plumb.** **ACQ Lumber:** Check with your lumber supplier to determine if your newer deck is built with ACQ lumber. Its copper- based preservative has a corrosive effect on aluminum, and a physical barrier (thick poly film, etc.) is required for post surfaces in direct contact with your deck.

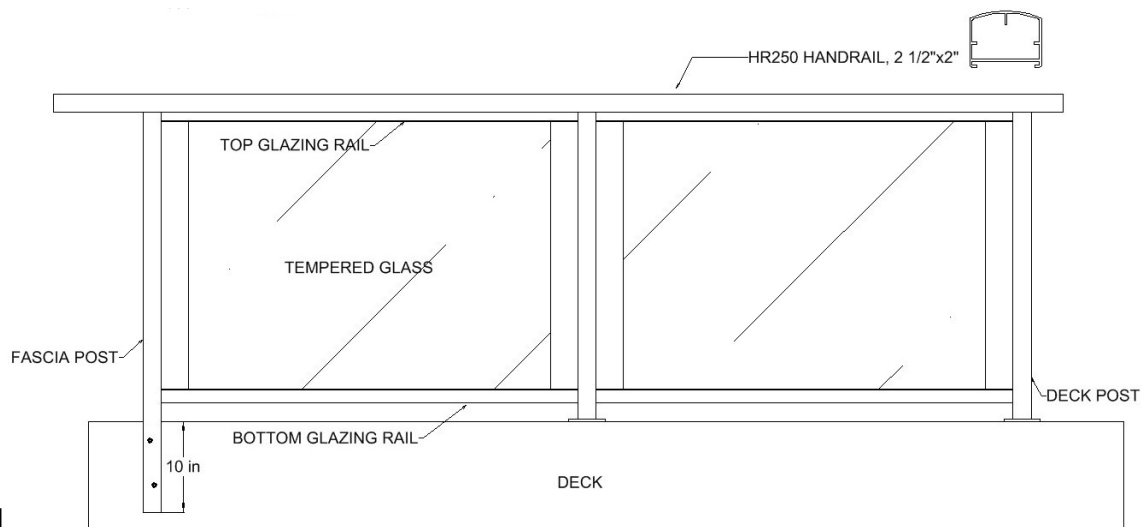


Fig 1

3. Attach posts to the deck using stainless steel hardware that is appropriate for the site conditions (examples: stainless steel lag screws, hex bolts, etc., not included).

4. **Install Glass Panels** If necessary cut Top and Bottom Glazing Rails. On the Post drill pilot holes as shown on Fig. 2. On both ends of the Top and Bottom Rail drill holes $\frac{3}{4}$ " from the edge. Place the Bottom PVC into the Bottom Rail, and slide the Top PVC onto the top edge of a Glass panel. With a helper's assistance, insert the Glass panel into the Bottom Rail. Soapy water will make the assembly easier. Attach the upper CO19 and the lower CO32 brackets to the Post. Place the Bottom Rail onto the lower brackets. Make sure the bottom rail is level. Slide the Top Glazing Rail onto the Glass. Secure the Top Rail to the bracket with a #10 screw.

5. **Cut and Install Handrails.** Start with longer rails. Plan splices over posts. Leave appropriate extra lengths for angle cuts. For best results use a compound miter saw with a thin kerf carbide blade. For longer spans, assemble rails using Splice Connectors. Insert a Splice Connector 4" into one of the handrail pieces. Drill a pilot hole through the bottom of the handrail and the Connector, about 3" from the edge; drive a #10 x $\frac{3}{4}$ " screw through both parts. Slide the other piece of the handrail onto the connector and fasten in the same fashion.

6. For 90 degree connections use CN250 connectors. Draw a center line on the end of the rails to be connected at a corner. See Fig 3 for drilling locations. Mark and drill pilot holes in both rails. Insert and attach Corner Connectors to the longer rails using two #10 x $\frac{3}{4}$ " screws per side.

7. Starting with shorter sides place assembled rails on top of the posts. Temporarily secure the rails in place with masking tape, leaving some slack so you are able to lift the corner side of that rail about $\frac{1}{2}$ ". Working a helper place longer assembled rails on top of the posts; slide attached Corner Connectors into the shorter rails. Fasten the Handrails to the Posts with #10 screws

8. Cut the Channel Covers to length and snap them in place. Remove any remaining protective film, check and tighten all connections. You are done!

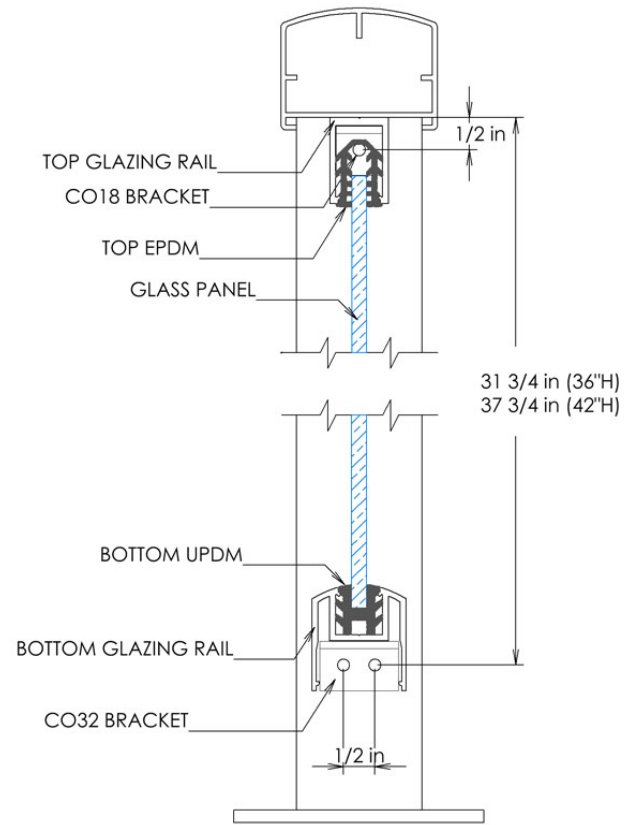


Fig. 2

Fig. 3

