

Clearviews Glass Railing System Installation Instructions

1. If applicable, connect handrail sections.
2. Place handrail on the floor in its final location so as to view that the dimensions fit.
3. Mark lines to enable the correct positioning of the bottom track later on.
4. On the walls that the handrail is connecting to, use a level to mark the handrail position at the correct height and fix the stainless steel end angle brackets firmly to the wall. Do this on both sides.
5. Lift the handrail and drop onto the angle brackets, then drill 5/32" (4mm) holes through the angle brackets into the bottom of the handrail. Attach the handrail to the angle bracket by using 3/16" (4.8mm) self tapping screws. Do this on both sides. If the railing is large or has a shape that will sag, you will need to prop up the handrail along as many points necessary to prevent this until the glass is in place and siliconed.
6. Install/fasten the bottom track so that it vertically aligns to the glass line of the handrail above.
7. Remove glazing beads if they are in place.
8. Identify the glass sizes and place two spacers on the bottom track for each glass and use a dab of silicone to let them stay in place. Make sure the spacers are high enough to clear any screw heads you have used to fasten the bottom track to the floor
9. Place the glass panes on, one at a time, in their positions. To hold them temporarily in position use the small glazing bead pieces provided and short 1/8" (3mm) rubber gaskets.
10. Once all the glass panes are in place use the additional spacers provide to level out and align all the glass heights and spaces to your satisfaction.
11. Place some spacers above the glass and under the handrail to ensure the handrail profile is not resting on the glass and to prevent sagging.
12. Using silicone fill the space between the bottom of the glass and the bottom rail and the space between the top of the glass to the underside of the handrail. Make sure not to get silicone in the slots of the handrail and bottom track where the glazing beads are to be replaced. This will, when dried, in effect glue the aluminum handrail and bottom rail to the glass.

13. When the silicone is dry remove the small beads and replace them with the full length glazing beads. Insert the 1/16" (3mm) rubber gasket in the handrail and bottom track between the glass and the glazing bead. (soapy water can ease the process)

14. Trim off excess rubber gasket.