

DuraPoly™ Post Installation Instructions

Post Kit Includes: (1) DuraPoly Post™ (2) Mounting Plates (8) Screws

POST INSTALLATION

1. Measure opening to determine post length. Deduct $\frac{3}{8}$ " total to accommodate top and bottom mounting plates.
 - For use with 36" high railing: Do not trim more than 6" from the bottom of post, trim balance from top.
 - For use with 42" high railing: Do not trim the bottom of post, trim only the top.
2. Trim post. A reciprocating saw is recommended (be sure to wear personal protective equipment). Be sure to match cut with same pitch as slope of floor.
3. Install ceiling plate using 4 screws (provided). Using a plumb tool, find and mark the bottom plate position on the floor. Note: Be sure the location of the mounting plates allows the load on the top of the post to be centered and evenly distributed. Secure bottom plate with (4) screws when in position. Note: The 8 screws provided will work for wood or masonry applications. When installing screws into concrete, drill a $\frac{3}{16}$ " pilot hole $\frac{1}{4}$ " deeper than the length of the screw.
4. After installation of plates, use a temporary support to raise soffit approximately $\frac{1}{2}$ ". Set post on bottom plate. Position top of post with top plate. Lower soffit on top of post. There is no need to screw post to plate. **IMPORTANT:** If using a trim kit, slide onto top and bottom of post before post is installed into mounting plates.
5. Check post with level and remove temporary support allowing the top bracket to fit down on the top of the post.

Important Notes:

- When installing QuickRail™ railing to the post, pre-drill holes for bracket screws using a $\frac{1}{8}$ " drill bit.
- DuraPoly Post™ Load Bearing Capacity: 5" = 2,500 lbs.; 6" = 5,000 lbs.
- Uplift: If building codes require uplift connection, contact Fypon or your distributor for recommendations.

INSTALLING WITHOUT MOUNTING PLATES

If flush mounting post without plates is desired, follow instructions above, but **DO NOT** trim additional $\frac{3}{8}$ " for mounting plates. Pre-drill necessary holes at an angle, secure with countersunk screws and fill with putty. A Trim Kit (sold separately) is recommended to cover the screws.

INSTALLING TRIM KIT *(Trim Kits Sold Separately)*

Trim Kit Includes: (2) Trim Pieces (Top and Bottom) (4) Screws

1. Before post is installed, slide one trim piece at the top of the post and one trim piece at the bottom of the post.
2. Use the screws provided to secure the trim pieces at the top and bottom of the post. Countersink screws and fill with putty.
3. There may be some marginal spacing in the trim-to-post fit. Exterior caulk can be used as a filler.

PAINTING INSTRUCTIONS

1. Make sure all surfaces are clean prior to painting.
2. Prime DuraPoly™ Post and Trim Kit pieces with a light coat of exterior latex primer.
3. Allow primer to dry completely before applying 2 coats of exterior latex paint. (Allow adequate drying time in between each coat of paint.)

Important Notes:

- Do not use paint or solvents containing acetone.
- Oil based primer and paint are not recommended. Krylon® Fusion® paint is an alternative to exterior latex.
- Do not paint using dark colors (dark colors are considered any color that falls within the L values of 56 to 0). L is a measure of the lightness of an object, and ranges from 0 (black) to 100 (white).

Tools Required



Tape Measure



Reciprocating Saw



Screwdriver



Drill



Plumb Line



Personal Protective Equipment