

Tools Required for Installation:



tape measure



screw driver



drill



level



personal protective equipment



GATE KIT INSTALLATION

1. Gates are precut to fit 34"x34" opening, but can be trimmed for smaller application by installer. Be sure to check with local building code officials for any dimension requirements.
2. Insert spindles into precut holes on bottom rail.
3. Place top rail on spindles. This is best done by holding rail at a slight upward angle and inserting spindles one at a time into precut holes.
4. With spindles in top and bottom rails, slide rail ends into precut holes on one of the 4"x4" sleeves. This is best done by laying sleeve on with precut holes facing up and placing rail ends into holes while applying pressure on rails toward spindles.
5. With rail ends pointed up, slide second 4"x4" sleeve into place and stand gate upright with spindles vertical.
6. Make sure all rails are flat against the outside wall of the 4"x4" sleeves by pushing sleeves toward spindles.
7. Secure rails in place by inserting screw into rail, on the inside of the sleeve, directly beside precut hole in sleeve.

8. Attach gate hinge and latch according to manufacturer's instructions.
9. Attach taper caps by applying standard PVC glue to the inside on cap and placing on sleeve.

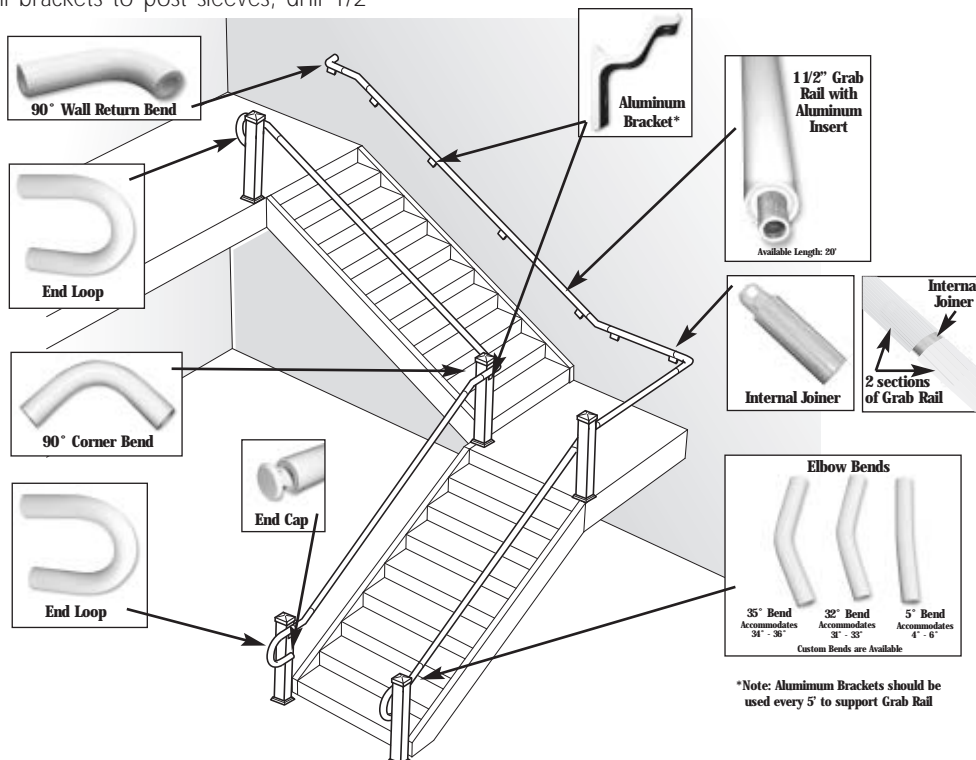


Complete Post Kits are sold separately.

GRAB RAIL INSTALLATION

1. Trim grab rail to desired length. Trim aluminum insert approximately 4" shorter than rail to allow space for end caps or rail connectors.
2. When using connectors between two sections of grab rail, lightly sand connector prior to applying PVC glue and inserting into rails.
3. To install grab rail brackets to post sleeves, drill 1/2" hole in desired location on sleeve and insert 1/2" bolt through bracket into sleeve. On the inside of the sleeve slide the 3" plate onto the bolt followed by a 1/2" lock washer and tighten with nut. Please check local building codes for correct grab rail height. When the bracket is secured, the cap can be installed on the sleeve using PVC glue.
4. The grab rail will be attached

- to brackets by pre-drilling 1/8" holes into rail where screw holes are located on bracket and inserting 1" screws through bracket into the rail.
5. End caps for the grab rail should be secured with PVC glue. After inserting the cap it may be necessary to temporarily tape the cap to the rail until PVC glue has cured.



*Note: Aluminum Brackets should be used every 5' to support Grab Rail