

FAIRWAY

ARCHITECTURAL RAILING SOLUTIONS



Fairway 1 1/2" Aluminum Secondary Handrail meets ADA Standards in accordance with DOJ 28 CFR, Part 36, Section 4. Building code requires secondary handrail installation between 34" and 38" above the surface. Handrails must be supported every 6' on center by a bracket. Prior to construction, check with your local regulatory agency for special code requirements in your area. It is recommended that each of the secondary handrail components be dry fit before final installation to ensure a proper fit. Begin installation with an inside corner piece when possible.

1-1/2" ALUMINUM ADA SECONDARY HANDRAILING INSTALLATION QUICK GUIDE

- Single Family, Multi-family or Commercial Applications
- Meets the Requirements of IRC Section R311, IBC Section 1011; 1012; 1014
- Handicap Compliant Per ADA Standard I/A/W DOJ 28 CFR Part 36-4

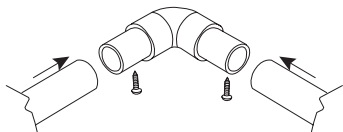
TOOLS NEEDED:

- Drill with #2 Square Drive Bit
- Circular Saw
- Level
- Tape Measure
- Safety Glasses
- Rubber Mallet
- Quick Clamp
- Gloves



1-½ ALUMINUM ADA SECONDARY HANDRAILING INSTALLATION

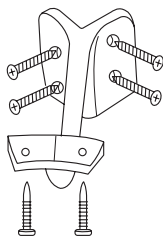
90° ELBOW



STEP 1 - Install straight handrail onto both sides of 90 degree elbow.

STEP 2 - Pre-drill handrail and 90 degree elbow and install self-tapping screws provided on each side.

6" INSIDE CORNER MOUNTING BRACKET

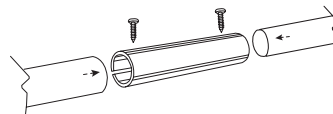


STEP 1 - Install 6 - #14 X 1" flat philips head screws provided through the bracket into the corner of the post.

STEP 2 - Place 90 degree elbow on top of corner mounting bracket flange.

STEP 3 - Pre-drill 90 degree elbow and install self-tapping screws.

STRAIGHT RAIL CONNECTOR

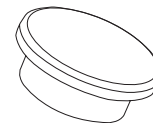


STEP 1 - Cut straight handrail to desired length.

STEP 2 - Install cut handrail onto both sides of straight rail connector.

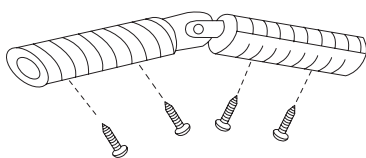
STEP 3 - Pre-drill straight rail connector and straight handrail and install self-tapping screws.

END CAP



STEP 1 - An end cap should be installed at each open end of handrail. Apply adhesive and insert into the end of handrail.

UNIVERSAL ANGLE RAIL CONNECTOR



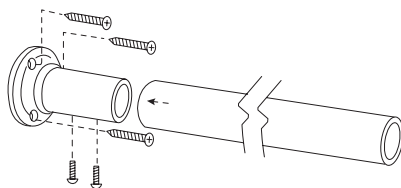
STEP 1 - Measure the angle of the joint and cut the straight handrail accordingly.

STEP 2 - Adjust universal angle rail connector to the same angle as the cut rails and tighten bolt to set.

STEP 3 - Install cut handrail onto both sides of universal angle rail connector.

STEP 4 - Pre-drill universal angle rail connector and straight handrail and install self-tapping screws.

STRAIGHT WALL MOUNT BRACKET

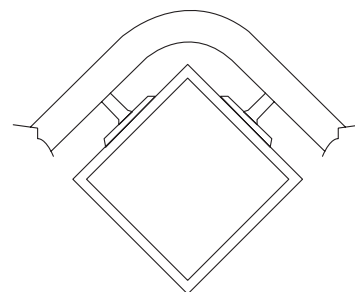


STEP 1 - Slide wall mount bracket onto straight handrail.

STEP 2 - Install 3 mounting screws into desired surface to attach bracket with screws.

STEP 3 - Pre-drill straight handrail and straight wall mount bracket and install self-tapping screws.

90° ANGLE RAIL - TOP VIEW



Can only be used with Wall Mount Mid-Rail brackets.

STEP 1 - Attach two mid rail brackets to adjacent corners of post (See Mid-Rail Bracket Kit).

STEP 2 - Cut 90 degree angle to fit.

STEP 3 - Insert straight rail connectors into both ends of 90 degree angle.

STEP 4 - Pre-drill 90 degree angle rail and straight rail connectors. Install self-tapping screws.

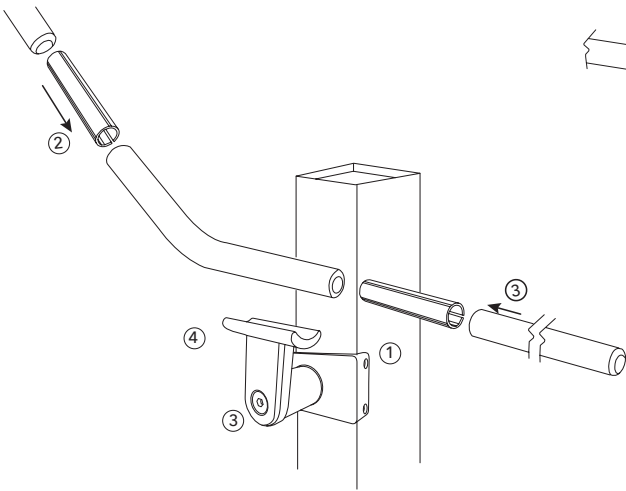
STEP 5 - Pre-drill straight rail and straight rail connectors. Install self-tapping screws.



Fairway Architectural Railing Solutions will not be held liable for incorrect or unsafe installations by the installer. It is the installer's responsibility to secure proper building permits, review local codes and safety needs and meet or exceed them. The instructions provided by Fairway are a guide and may not account for every special circumstance. The installer must identify and execute the installation approach that is appropriate for every application.

1-1/2 ALUMINUM ADA SECONDARY HANDRAILING INSTALLATION

5°, 32°, 38° ANGLE RAIL



STEP 1 - Install appropriate mid-rail bracket for your post (see Mid-Rail Bracket).

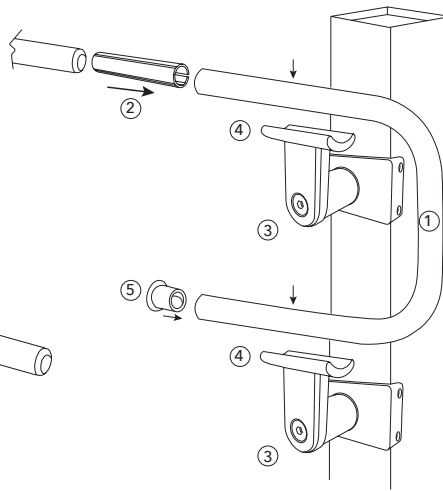
STEP 2 - Install straight rail connector into each end of angle rail.

STEP 3 - Install handrail onto both rail connectors.

STEP 4 - Pre-drill angle rail and straight rail connector and install self-tapping screws.

STEP 5 - Pre-drill straight rail connector and straight handrail and install self-tapping screws.

P-LOOP RETURN



STEP 1 - Cut P-Loop to the appropriate length.

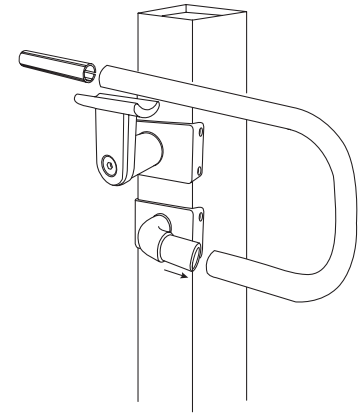
STEP 2 - Install straight rail connector into straight handrail and P-Loop.

STEP 3 - Install appropriate mid-rail bracket for your post (See Mid-Rail Bracket).

STEP 4 - Pre-drill p-loop and straight rail connector and install self-tapping screws.

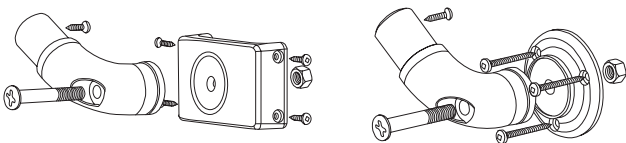
STEP 5 - Pre-drill straight rail connector and straight handrail and install self-tapping screws.

*Alternate installation: A second Mid-rail bracket or quick return bracket can be installed at the bottom of the P-Loop when required. *2 Mid-rail bracket installation pictured left above. Mid-rail bracket and quick return bracket pictured right above.*



ALTERNATE INSTALLATION

QUICK RETURN KIT – 2", 3", 3-1/2", WALL & POST MOUNT



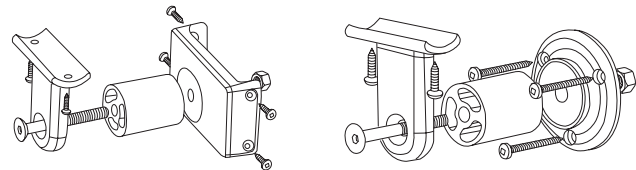
STEP 1 - Secure quick return piece to mounting flange with 2 1/2" bolt and hex nut.

STEP 2 - Cut straight rail to length and insert quick return flange into rail.

STEP 3 - Install 3 screws into post for wall mount quick return bracket, or 4 screws into the side of the post for 2", 3" and 3 1/2".

STEP 4 - Pre-drill quick return and straight rail and install self-tapping screws.

MID-RAIL BRACKET KIT – 2", 3", 3-1/2", WALL & POST MOUNT



STEP 1 - Secure mid-rail bracket to mounting flange by inserting 3" bolt through spacer tube into hex nut.

STEP 2 - Install 3 screws into post for wall mount quick return bracket, or 4 screws into the side of the post for 2", 3" and 3 1/2".

STEP 3 - Clamp straight handrail to top of bracket.

STEP 4 - Pre-drill straight handrail and install self-tapping screws.



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CLEANING AND MAINTENANCE TIPS FOR YOUR RAILING

It's easy to maintain the great look of your Fairway Aluminum System. Like anything exposed to the elements, your railing or fence will get dirty, but in most cases you can simply spray the dirt off with your garden hose. For more stubborn dirt or stain removal, follow these simple instructions:

NOTE: PROTECT SHRUBBERY FROM DIRECT CONTACT WITH CLEANING AGENTS. Proper maintenance and care of your Aluminum Railing is critical to the long term appearance and protection of your Investment. We recommend an occasional wash, every six (6) months, as the best way for this to be accomplished.

Natural exposure to the elements, over time, will cause your railing to show signs of aging such as loss of gloss, chalking, or a slight color change. Your normal interval cleanings may minimize these natural effects of weathering by removing the dirt, grime and other build-up that is detrimental to the appearance of your Aluminum Railing.

The manufacturer recommends an occasional wash of your Aluminum Railing using a solution of warm water and a non-abrasive, pH neutral detergent. All surfaces should be thoroughly wetted prior to beginning the cleaning process. All surfaces should be cleaned using a soft white cloth, sponge or a soft bristle brush in conjunction with your water and detergent solution. Spot cleaning may be accomplished using Simple Green or Windex. All surfaces should then be thoroughly rinsed after the cleaning process to remove any and all residue that may be remaining. Any remaining residue may cause discoloration or surface damage when exposed to the elements. Additional care should be given if a pressure-washer is used, and in no case should you exceed 400 PSI.

NOTES:

- DO NOT clean your railing with solvents, thinners or solutions containing chlorinated hydrocarbons, esters, or ketenes.
- DO NOT use abrasive cleaners
- DO NOT use steel wool, Scotch-Brite, sandpaper, or any other abrasive materials

The frequency and necessity of cleaning will depend on the environment and railing location. Due to the adverse affects to your Aluminum Railing when it is not cleaned as suggested or the potential use of non-approved cleaners/detergents; we require these simple steps to maintain the manufacturer's warranty in force. These records may be requested in the unlikely event of a claim against the manufactures warranty.

1. Clean your Aluminum Railing every 6 months
2. Write down your cleaning dates and schedule
3. Clean your Aluminum Railing as outlined above
4. Write down notes of your cleaning methods and chemicals used
5. Maintain a copy of your commercial invoices for cleaning
6. Maintain a copy of your purchase receipts of the cleaners used

With proper care and maintenance the appearance of your Aluminum Railing will last for years. Climate conditions affect the performance and cleanliness of painted aluminum in the same way as other coated materials. Installations in coastal regions, low rainfall areas, areas with heavy industry, periodic care and cleaning will be critical to maintain the durability and finish of your Aluminum Railing.

Aluminum Railing has been coated with an extremely durable surface meeting the AAMA 2604 specifications. As an added measure of protection and finish life you can periodically wax your railing just as you might your car. This process will remove any oxidized paint, bringing back the original color and shine of your system.

15 YEAR LIMITED WARRANTY TERMS, CONDITIONS AND LIMITATIONS

1. The manufacturer's (FAIRWAY Architectural Railing Solutions (FAIRWAY®) sole liability and the owner's only remedy shall be as follows:
 - a. If a problem occurs, FAIRWAY, at its sole discretion, may elect either to repair or replace the defective part(s) of the railing or provide reimbursement limited to cost of materials at time of purchase. Due to normal aging and weathering of material, it may not be possible to perfectly match the colors of the old and new materials and therefore FAIRWAY is not responsible for any color differences that may occur. FAIRWAY is not responsible for discontinuance of a color.
 2. FAIRWAY warrants only those products manufactured and sold under ADA Secondary Handrail, A210 Aluminum, A310 Aluminum and S110 Steel. This Limited Warranty extends only to the original purchaser according to terms specified herein. FAIRWAY shall not be liable for and this warranty does not apply to any terms, failure, defect or damage resulting from or connected with the following:
 - a. Defects not caused by FAIRWAY (for example, but not limited to: accidents, misuse, improper applications or installations contrary to industry or ADA Secondary Handrail, A210 Aluminum, A310 Aluminum and S110 Steel standards).
 - b. Product that has been painted or had its surface treated or cleaned with an abrasive chemical or material.
 - c. Product subject to impact of foreign objects, tornado, hurricane, other violent storms, fire, air pollutants, normal weathering of surfaces, abnormal discoloration due to improper maintenance, or any other acts of God.
 - d. Improper installation of ADA Secondary Handrail, A210 Aluminum, and A310 Aluminum and S110 steel or defects caused by their installation.
 - e. ADA Secondary Handrail, A210 Aluminum and A310 Aluminum, and S110 Steel Limited Warranty will not be applicable for products that are covered by a specific and separate warranty or duration.
 - f. Products sold, shipped or installed outside of the Continental United States shall have a limited duration of this coverage to 10 years from date of purchase.

For complete warranty please go to our website.

WARNING: Fairway Architectural Railing Solutions and its employees are not qualified to approve, recommend or advise as the suitability of this product for all possible local code requirements and end use applications. Your local code authority or fire marshal's office should be consulted as to its safety for its intended uses. Like other building materials, Fairway Architectural Railing Solutions cannot be expected to contain spirited large stock animals, and therefore suggest additional measures using hot or tape wire as a deterrent and further makes no representation about and does not warrant against such an occurrence.

FAIRWAY® 15 YEAR LIMITED WARRANTY REGISTRATION PROCESS: Warranty registration can be accomplished electronically by visiting www.fairwayrailing.com/warranty-registration/ and registering within thirty (30) days after completion of installation of products in order for purchaser to be eligible for coverage under warranty terms. **NOTE: PROOF OF PURCHASE IS NECESSARY TO EXERCISE CLAIMS AND REMEDIES FOR ANY OCCASION. PLEASE SAFEGUARD ACCORDINGLY.** Upon receipt of all necessary information we will process and return a digital copy within thirty (30) days. The warranty will be certified and issued in PDF format to the email address supplied at the time of registration. If email is not available a hard copy will be mailed to the supplied address in lieu of the digital document. **CLAIMS AND REMEDIES:** A claim under this warranty must be reported in writing with proof of purchase to: Fairway Architectural Railing Solutions, P.O. Box 37, Mount Joy, PA 17552, within thirty (30) days of the date that the defect is first discovered or reasonably could be discovered. A reasonable time should be allowed for inspection purposes, or at FAIRWAY's option, shipment of a sample to the above address for examination of the alleged defective product. FAIRWAY shall be the sole judge of whether or not the material is defective and whether the defect is due to manufacturing defects. If, after its inspection, FAIRWAY determines the claim is in accordance with the terms of this Limited Warranty, FAIRWAY agrees at its option to replace the section or part of the product, or refund the prevailing cost of the product in your geographical area at the time of replacement or the original purchase price, whichever shall be less. This warranty does not cover the cost of removal of any defective products or the cost of installation of any replacement product furnished under the terms of the warranty. Incidental or consequential damages and resulting cost incurred as a result of a coverage claim are excluded and will not be paid. Statements, remarks, agreements, representations, promises or understandings, oral or written, contrary to the terms contained herein, even those made by an agent of FAIRWAY, will be recognized as neither implied warranties nor those of merchantability or fitness for use of specific applications. Some states may not allow the limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so many of the limitations may not apply to you. This warranty gives specific rights and there may also be other legal rights which vary from state to state. By acceptance and use of this product, purchaser agrees, that FAIRWAY liability and the purchaser's exclusive remedy for breach of any warranty shall be limited in all events to replacement of any section or part of this product which is found to be defective and shall be returned to FAIRWAY.

INSTALLER

Leave this page with property owner or manager.

PROPERTY OWNER/MANAGER

Register warranty at FairwayRailing.com/warranty-registration.