Aluminum ADA

Installation Instructions

ADA
Continuous Handrail
ALUMINUM

Always check local building codes, property lines and underground utilities before installation.

These instructions must be followed exactly as written and the materials used must be exactly as shown in the instructions. Any deviation from the instructions or variation in the materials used/installed may result in an unsuccessful installation.

When using Wall End Mount & Wall Return use one #10 x 5/8" pan head screw (provided) to make a positive connection between the parts and the rail.
When using Adjustable Elbow & Internal Connector use two #10 x 5/8" pan head screws (provided) to make a positive connection between the part and the rail.

HANDRAIL WITH NO RETURNS

CONNECTING RAILS TOGETHER (NO COLLAR RINGS):

1. Cut rail(s) to desired length.
2. Insert internal connector into one end of one of the rails. *NOTE: Insert until the screw bumps up to the rail.*
3. Place remaining rail over other end of internal connector.
4. Using a #2 square head screwdriver, remove the screw from the internal connector.
5. Push rails together.
6. Insert internal end cap into open ends of rails.
7. Attach rails to wall mount.
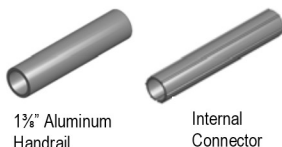
1⅜" Aluminum Handrail

Internal Connector

Internal End Cap

CONNECTING RAILS TOGETHER (WITH COLLAR RINGS):

1. Cut rail(s) to desired length.
2. Slide collar ring over one rail.
3. Insert internal connector into one end of one of the rails. *NOTE: Insert until the screw bumps up to the rail.*
4. Place remaining rail over other end of internal connector.
5. Using a #2 square head screwdriver, remove the screw from the internal connector.
6. Push the other rail over the internal connector and into the collar ring.
7. Insert internal end cap into open ends of rails (where applicable).
8. Attach rails to wall mount.

1/8" Collar Ring

Step 2 - 3

Step 4

Step 5

Step 7

WALL MOUNTS

NOTE: A recommended height for handrail is 34" to 38" above the nose of the stair tread.

1. Position wall mount on post or wall.
2. The wall mount has (3) ¼" holes to receive included fasteners.
3. If you need to pivot the mount, you can put (1) fastener in the bottom hole and pivot to the position you need.
4. Attach handrail to wall mounts with stainless steel screws provided.

NOTE: It is recommended the wall mounts be at 6' maximum spacing.

Wall Mount

HANDRAIL WITH RETURNS

USING ELBOWS

NOTE: When using returns for stairs or handicap ramps, elbows are needed at the top and bottom of the steps. The degree of steps is needed so the closest degree of elbows can be ordered.

Handrail Return (180° Elbow)

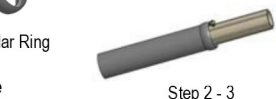Handrail Elbow (90° Elbow)

Adjustable Elbow (0° - 90° Elbow)

1. When using an elbow, it will follow the degree of the steps and level out at both the top and bottom of the steps
2. Once you level out, there are various options:
   Option 1: Use a handrail return (180° elbow) to return to a post.
   Option 2: Use (2) 90° elbows to wrap around a 2" or 4" post.
   Option 3: Use (1) inside corner mount and (1) 90° elbow to go around a corner.
3. If using a collar ring, slide onto rail before inserting wall return.

USING WALL RETURN

1. If attaching the handrail to a wall, a wall return may be used.
2. Cut handrail to desired length.
3. Insert the wall return into the rail.
4. Screw wall return to wall.
5. If using a collar ring, slide onto rail before inserting the wall return.

Wall Return

INSIDE CORNERS

NOTE: When an inside corner is needed on a level area, a 90° elbow and inside corner mount is used. Usually a wall mount cannot be used on an inside corner if the post is in the corner.

Inside Corner Mount

NO COLLAR RINGS:

1. Attach the inside corner mount to post.
2. Cut rail(s) to desired length.
3. Insert internal connector into one end of one of the rails. *NOTE: Insert until the screw bumps up to the rail.*
4. Place 90° elbow over other end of internal connector.
5. Using a #2 square head screwdriver, remove the screw from the internal connector.
6. Push rail and 90° elbow together.
7. Attach 90° elbow to inside corner mount.

USING COLLAR RINGS:

1. Attach the inside corner mount to post.
2. Cut rail(s) to desired length.
3. Slide collar ring over one rail.
4. Insert internal connector into rail. *NOTE: Insert until the screw bumps up to the rail.*
5. Place 90° elbow over other end of internal connector.
6. Using a #2 square head screwdriver, remove the screw from the internal connector.
7. Push rail and 90° elbow over the internal connector and into the collar ring.
8. Attach 90° elbow to inside corner mount.

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