

Installation Instructions

Before you start

Make sure that you have the necessary supplies:

Tape measure, level, stud finder (if stud location is not known), Phillips screwdriver, and screws and screwdriver for attaching brackets to wall. Use three screws per bracket, minimum size #12, of sufficient length to penetrate 2" [5 cm] into inner wall structure. **IMPORTANT: Do not attach brackets to wall cladding. Bracket screws must be of appropriate type and must fix securely to wood or steel studs, concrete, brick, or other structural member.**

Measure and mark

Choose the desired mounting location. Handrail is normally installed with the top surface between 34" (86 cm) and 38" (96 cm) above the floor or stair. Adjust as necessary for the height of the user(s). Mark the approximate position of the two end brackets on the wall. They should be located between 2" (5cm) and 6" (15 cm) from the ends of the handrail tube. For hollow walls, use a studfinder to locate the studs and adjust the horizontal position of the brackets as necessary so that the attachment screws will penetrate the structural members. Subtract 3-1/2" (9 cm) from the desired handrail top surface height to find the height of the uppermost bracket attachment screws. For horizontal railing, use a level to insure that the attachment screws line up and mark the position on the wall of the end bracket top screws.

Prepare handrail

Note - If endcaps were supplied separately, insert them in the ends of the tube and secure them with the set screws provided. Hold the endcaps firmly in place while screwing into the internal groove through the small notch in the endcap tab. Do not overtighten. Insert one bracket only into the handrail tube and lock it into place at the desired distance from one end of the tube with a 1/4-turn twist. For angled installation on stairs or ramps, loosen the screw at the top of the bracket to allow the top pivot to move freely.

Attach handrail to wall

Place the railing with one bracket against the mark on the wall and check the placement. Adjust the bracket position if necessary by unlocking, sliding, and relocking it in the channel. When you are satisfied, screw the bracket loosely to the wall through one of the top holes. Lock the other end bracket into the railing so that the screw hole lines up with your second mark. Check for levelness or correct angle and attach the second bracket through a top hole. Brackets should be spaced no further than 32" (81 cm) apart for safety. If required, install additional bracket(s) where the attachment screws will penetrate the wall structure. Install all lower attachment screws, making sure that the brackets are vertical. Finally, install the remaining top screws and tighten the screws securely on all brackets. Tighten the pivot screw if applicable.

Handrail tube

Extruded aluminum

Nominal diameter: 1.5" (4 cm)

Nominal wall thickness: 0.080" (2mm)

Finish: Clear anodized, 18 microns

Other colors available on request

Brackets and endcaps

Die cast zinc, rounded corners, triple-plated matte chrome finish.

Endcaps: secured with plated set screw.

Brackets: pivoting stainless-steel head for horizontal or angled railing installation.

PromenaAid™ railings are guaranteed for one year against all manufacturing defects.

PromenaAid™ railings comply with the following safety and accessibility standards:

Standard Building Code

ICC International Building Code

OSHA Standard Pipe Railings

ADA Accessibility Guidelines

National Building Code [Canada]

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