



Specification

Grab bar shall be type-304 stainless steel with satin-finish and peened grip area. Grab bar shall have 1.2mm (18gauge) wall thickness and 32mm (1-1/4") outside diameter. Clearance between the grab bar and wall shall be 38mm (1.5"). Concealed mounting flanges shall be 3.2mm (11-gauge) thick stainless steel plate, 50 x 80mm (2"x3-1/8"), and equipped with at least three screw holes for attachment to wall. Flange covers shall be 0.8mm (22-gauge) stainless steel, 80mm (3") diameter, and shall snap over mounting flanges to conceal mounting screws and/ or WingIt fasteners. Ends of grab bar shall pass through concealed mounting flanges and be heliarc welded to form one structural unit. Grab bar shall comply with accessibility design for structural strength.

Installation

Provide concealed anchor device or backing as specified or required in accordance with local building codes before wall is finished. Fasten concealed mounting flanges to anchor device or backing with at least three screws opposing each other in each flange. Twist flange covers over each mounting flange to conceal mounting screws. Place grab bar in desired mounting location. Use intermediate flange as a template to mark location of mounting screws at intermediate flange only. Mark screw locations at the center of the slot in the middle of the mounting holes(3) in the intermediate flange. Drive the intermediate flange mounting screws into wall at marked locations. Install the mounting screws into the wall at the end flanges and secure tightly. Tighten the mounting screws at the intermediate flange. Twist all flange covers into place to conceal flanges

Strength

JRE Hardware grab bars that provide 66mm (2.5") clearance from wall can support loads in excess of 408kg (900) if properly installed. Other grab bar configurations can support loads in excess of 113kg (250 pounds) if properly installed, complying with accessible design for structural strength.

Safety Warning: Grab bars are no stronger than the anchors and walls to which they attached and , therefore, must be firmly secured in order to support the loads for which they are intended. To avoid potential injury, the building owner or maintenance personnel should remove the grab bar from service if the grab bar is not adequately secured to wall or if there is any observed damage to welds.