



AMERICAN SPECIALTIES, INC.

441 Saw Mill River Road, Yonkers, NY 10701 (914) 476-9000

MODEL No: 3454

ISSUED: 1-87

REVISED: 7-99

SWING-AWAY GRAB BAR (pg 2 of 2)

SPECIFICATION

Swing-Away Grab Bar shall be fabricated of 18-8 stainless type 304. Tubing shall be 1-1/4" (32mm) dia. x 18 gauge (1.2mm). Vertical swing post shall be 1-1/2" (38mm) square x 12 gauge (2.7mm) and shall have solid 1/2" (13mm) dia. pivot pins. Floor plate shall be 1/8" (3mm) thick with five (5) holes provided to receive 1/4" FH screws and shall have self-draining 90° position-locking post-socket. Wall bracket top pivot shall be 1/4" (6mm) thick with four (4) holes provided to receive 1/4" FH screws. Grab bar weld joints to vertical swing post shall be internally reinforced with weld plugs let into post. All exposed surfaces shall be N°4 satin finish. Structure shall be of welded construction. All exposed edges and corners shall be radiused and burr free.

Swing-Away Grab Bar with Floor Plate shall be Model 3454 as manufactured by American Specialties, Inc., 441 Saw Mill River Road, Yonkers, New York 10701-4913

OPTIONS AVAILABLE

For integral toilet paper roll holder specify option -25 and add suffix to model N° (i.e. 3454-25)

For non-slip gripping (top bar only) surface add suffix -P (peened) to standard model N° (i.e. 3454-P)

INSTALLATION

This unit is surface mounted. Installer/contractor must provide concealed anchor plate or blocking as specified in construction documents or as required by local building codes prior to wall finishing. Note that concealed mounting plates or anchors and hardware are not supplied and must be specified separately. For In-Wall anchor specify optional anchor #3942.

1. Proper and adequate reinforcement must be built into wall for top wall bracket. Reinforcement to suit fasteners used.
2. Base plate sets 1-1/8" (29mm) away from finished wall. Check clearance if radius cove base tile is used.
3. Place top wall bracket over pivot pin on square vertical tube.
4. Place sub-assembly on base plate with bottom pivot-pin in socket, making sure vertical tube does not sit into post socket.
5. Place level on side of vertical tube and set unit plumb.
6. Raise top plate 1/16" (2mm) from top surface of vertical tube for clearance. Top of plate should be 36-1/4" (921mm) AFF.
7. Mark holes for top plate and base plate.
8. Drill (4) holes for top plate in wall and (5) holes in floor sized for fastener system selected.
9. Install entire assembly on wall together.

STRENGTH

ASI grab bars are designed to meet and exceed ADAAG requirements as published in ANSI A117.1-1986 and CFR 28 Part 36, Federal Register Vol.56 N° 144, 26 July 1991, that fabricated product shall be of adequate strength to support a load of 250 pounds (113.4 kg). Mounting to the wall is a critical part of the system to meet this requirement. To withstand the shear, tension or pull-out, and torsion loads generated by the maximum loading, the fastener system must be adequately sized.

OPERATION

Swing-Away Grab Bar is manually pulled forward to a position perpendicular to wall for support and pushed against wall for storage during departure or arrival. Grab bar drops into position-locking post-socket at 90° index positions and must be manually lifted to swing bar to new position.