



Grab Bar Fastening System Installation Guide

WingIts Grab Bar Fastening System Will Exceed Building Code Criteria for Grab Bars in the Following Wall Substrates:

* 5/8" drywall - painted or wallpapered
* 1/2" or 5/8" drywall with tub surrounds
* 1/2" or 5/8" drywall with tile, marble and all stone
* 1/2" or 5/8" drywall with any panel types including fiberglass, faux marble, acrylic and plastics

* Multiple layers of drywall
* Plaster and lath
* 1/4" acrylic / fiberglass surrounds
* 1/4" acrylic / tub surrounds
* All masonry type boards, with or without panel

NEVER INSTALL ANY FASTENER INTO WET OR DETERIORATING WALLS! DO NOT INSTALL WingIts™ into BARE 1/2" drywall when attempting to meet commercial building codes.

MAKE SURE YOU HAVE THE RIGHT SIZE WINGIT AND SCREW LENGTH.

- > #GBW40 Standard WingIt is used in walls framed with 2 X 4's (3 1/2" hollow) or larger.
- > #SRGBW40 Reverse WingIt is used in walls framed with 2 X 3's (2 1/2" hollow).
- > WingIts come with a 4" screw for walls up to 1 1/4" thick. Four to seven inch screws are available for walls up to 4 1/4" thick.

CALL FOR CUSTOM PRODUCTS, OR PRODUCTS TO FIT DIFFERENT WALL STRUCTURES.

LOCATION: To ensure adequate clearance, a **stud finder** should be used to verify that there are no studs within the area that the *WingIt* will be installed. Once inserted, each wing assembly will spring open to almost a 2 3/4" diameter.

Tools Required: * Regular & Phillips Screwdriver * Drill * Measuring Tape
* Hammer or Rubber Mallet * 1/8" Drill Bit or Punch * 1 1/4" Hole Saw



FOR MAXIMUM SAFETY AND TO MEET ADA REQUIREMENTS, GRAB BARS SHOULD BE INSTALLED HORIZONTALLY 32-36 INCHES FROM THE FLOOR



1) Verify the length of the grab bar by measuring from the inside of one grab bar flange to the outside of the other. This should give you the proper dimension.

2) Use a 1/4" drill to make a starter (pilot) hole. VERIFY THERE IS NO STUD IN THE WAY. INSERT A PIECE OF WIRE WITH AN 1 1/4" BEND INTO THE PILOT HOLE. TURN THE WIRE MAKING A COMPLETE CIRCLE. IF YOU HIT A STUD MOVE OVER THE APPROPRIATE DISTANCE.



3) Carefully drill a 1 1/4" hole in the wall precisely at the center point where each grab bar flange will align. In ceramic tile, a piece of masking tape over the tile helps the drill bite into the tile. For ceramic tile, an Industrial Grade Carbide Tipped Hole Saw should be used.



4) An **Industrial Grade Carbide Tipped Hole Saw** (available through WingIt-with 3/8" arbor), will drill a 1 1/4" hole at slow speeds in a matter of seconds and remain sharp for 30-80 holes, depending on the tile.



5) After the initial 1 1/4" hole is made through the tile, stop and eject the tile from the drill bit.

6) Then carefully finish the 1 1/4" hole through the drywall. Do not push the drill. Allow it to cut, keeping the drywall intact behind the wall. Insert your finger into the hole and remove any debris that may hinder the WingIt installation.



For all grab bars except WingIts PURE ELEGANCE Nylon Bars, back off the screw until it is flush with the back of the WingIt (picture on left), then attach your grab bar. For WingIts PURE ELEGANCE Nylon Grab Bars, tighten the screw until it is flush with the faceplate (picture on right), then attach the Bar.





8) Attach WingIts to the grab bar (picture on left).



9) Remove the **waterproof** tape from the back of the WingIts (picture on right).



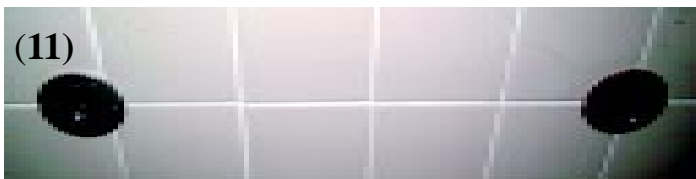
10) Clean the surface with rubbing alcohol and insert the grab bar into the two 1 1/4" holes. Hold down firmly, allowing the tape to adhere to tile wall.



Picture on left shows the WingIt as it would look inserted into the wall. Grab bar can then be removed.

11) Remove the grab bar. The front of the WingIts will be visible.

At this point the screw should be attached to the WingIt so that the screw is flush with the back of the WingIt. If it is not flush, remove the screw and insert it into the WingIt and tighten five complete revolutions. The screw will then be flush with the back of the WingIt and ready to be popped open into the wall hollow (step 12).



12) With the screw flush to the back of the WingIt, hit the screw firmly, yet gently, with a rubber hammer. This will push the wing assembly through the wall hollow.

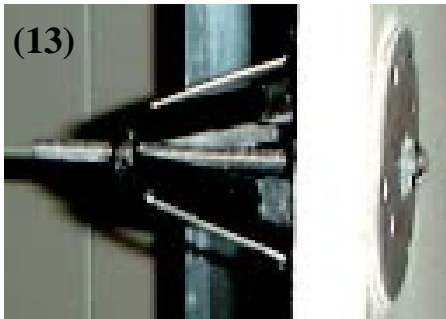


Picture on left shows the WingIt after it is pushed through the wall. The wings are automatically actuated as they spring out.

13) Pull out on the screw and tighten by hand. Then use a screwdriver and tighten firmly, compressing the wall substrate. When using a cordless drill, use a clutch setting.

<Do Not Overtighten>

Picture 13 (left) shows a WingIt attached to the wall and ready for the grab bar to be installed.



WINGIT GRAB BARS MOUNT WITH 2 SCREWS - TOP & BOTTOM

Picture on left shows the inside of the wall after the WingIt and Grab Bar have been installed.



For Technical Support & Installation Advice: Please call Toll Free (877) 8WINGITS or (877) 894-6448