

This is generally what I say when a customer asks about the weight capacity:

* "We find that when using a Quick Rail to assist in standing from the toilet a person will exert 35-40 lb of direct pull on the grab-bar. At this angled position the quick rail is rated for 175 lb of pull.

* " When the bar is mounted vertically near the bath tub and the rail is used to balance when stepping into the tub a person will put 10-15 lb of pressure on the rail. In this orientation, the rails are rated at 200 lbs.

* "If the bar is mounted horizontally in the shower area, a person will use maybe 25-30 lb of direct pressure to steady themselves and the bar is rated at 150lb.

* "HOWEVER –

- If the bar is mounted at waist height, a 200 lb person will knock it off the wall when falling.
- If falling and one tries to grab the bar (a true fall not just a misstep!) most people do not have the 150lb grip strength in one hand required to wrench the Quick-Rail off of the wall.
- The person will release the rail long before it reaches the test strength."

