



# FRAMELESS SHOWER GLASS DESIGN REQUIREMENTS

## DESIGN AND CONSTRUCTION REQUIREMENTS

**Support:** Be sure the wall on which you would like to install a hinged shower door has proper studding behind it (double 2x4 is best, though single 2x4 is acceptable). Always provide wood studs or blocking where doors hinge, or panels are anchored. If it is determined there is not proper support during installation, we may be able to add support from behind the wall at additional costs. We are not responsible for finishing the wall once complete.

**Slope of Curb:** The curb or lip around the bottom of the shower should be slanted inward at a 5-degree (approx. 3/16" to 1/4") "pitch" or slope so water flows in toward the drain. (A level curb would cause the water to stand, while a curb angled away from the drain would cause water to leak onto the bathroom floor.)

**Slope of Shower Seat:** Design a built-in shower seat to slant toward the drain at a 5-degree (approx. 3/16" to 1/4") slope so water flows off the seat and into the drain. (Water will stand on a level seat or pool in a seat with a backward angle.)

**Plumb Walls:** Walls which meet a door or glass panel need to be completely vertical, or "plumb", to prevent gaps, uneven joints, and hinge "bind". This means the wall can't lean in any direction or be "bowed" or "bellied". Any walls that are more than 1/4" out of plumb make it very difficult to install a shower properly because they cause unsightly gaps, are more likely to leak and have a greater likelihood of hinge bind. We can work with walls that are less than 1/4" out of plumb.

**Size Restrictions:** When designing your shower enclosure, keep in mind that each glass panel needs to be at least 4 1/2" wide, which is the minimum width for tempering glass and supporting the hardware. Also, the door will need to be a minimum of 22" wide and no more than 36" wide.

**Shower Head Position:** To minimize leakage, position showerheads toward tiled walls or fixed panels. Showerheads should never be positioned opposite a door or other opening