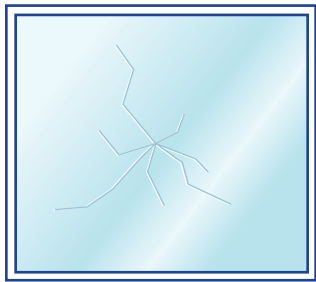


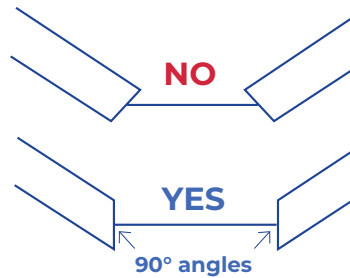
These are a few tried and true, time and money saving tips for our valued customers.



Tip 1.

Never use glass tiles when considering a frameless design.

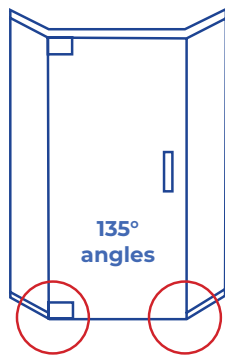
Drilling necessary during the installation process inevitably results in cracking.



Tip 2.

Do not design glass paths at odd angles to buttresses or walls. "Hinge Bind" may occur, making it impossible for the door to operate.

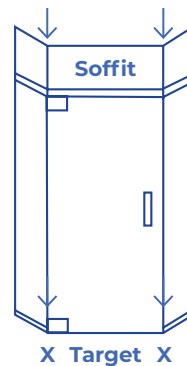
Making 90 degree surfaces for the glass enables a more natural path and a more uniform fit.



Tip 3.

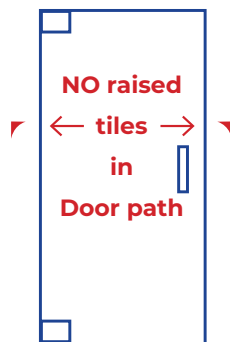
Cutting angles at 135 degree angles, helps make space in an otherwise tight bathroom.

It also helps keep the cost of glass cutting down.



Tip 4.

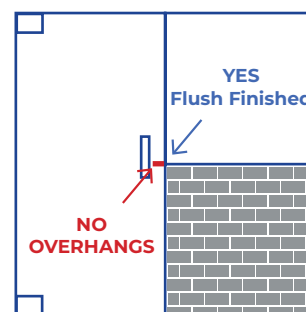
Shower soffits must plumb down precisely to the footprint of the lower curbs. Failure to address this issue will produce disappointing results.



Tip 5.

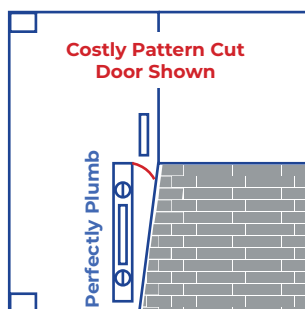
Do not use raised, decorative tiles, or towel bars on any part of the door swing area.

The frameless design requires tight tolerances to ensure a water-tight fit. We require flush surfaces so as not to hinder the door function (see Tip #9).



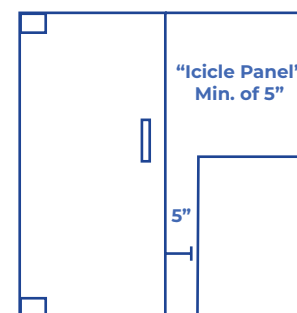
Tip 6.

Overhangs near door closings create problem gaps, resulting in leakage, unsightly fillers or worse... a return visit from an irritated tiler to remove it.



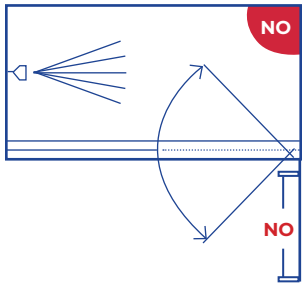
Tip 7.

The face of any rise where a swing door closes should be perfectly plumb; otherwise a costly pattern cut door will be required.



Tip 8.

When a buttress wall or tub deck ends requiring a continuance of glass that will notch over and down, the result is a brittle glass "icicle." A minimum width of 5 inches is required.



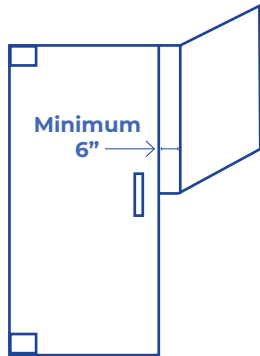
Tip 9.

Our doors have the freedom of opening in or out. When designing keep prohibitive obstructions clear of the door swing area so as not to create bind points such as towel bars, or toilet paper dispensers. Our doors will require ample clearance from interior shower fixtures such as stone benches or shelving.



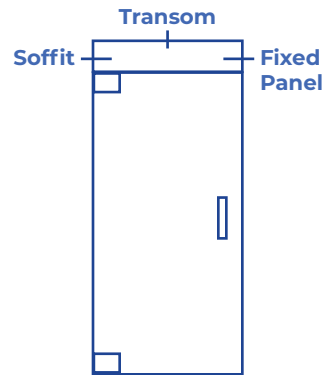
Tip 10.

If you have decided to design an opening which will require only a single door, the maximum width is 36".



Tip 11.

Tempered glass panels should not be made in dimensions less than 6 inches, due to polishing requirements.

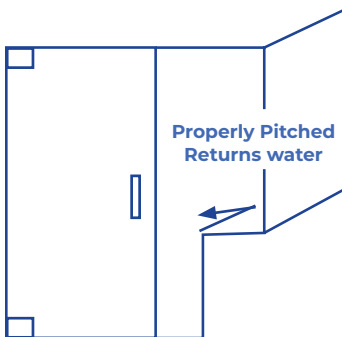


Tip 12.

Very tall steam shower openings require a secondary piece of glass (transom), or the soffit can be framed lower to fill the gap.

Frameless products over 84" require transoms.

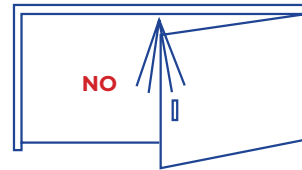
Follow these installation guidelines to ensure proper drainage and avoid problems down the road.



Tip 13.

Seats must be pitched to shed water properly. It is best to install pans below seats.

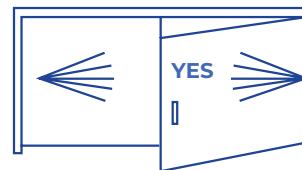
Curbs must also be pitched into the enclosure to allow proper drainage. It is best to use a slab (see below).



Tip 14.

Never position body sprays opposite an enclosure door or other opening.

Always position body sprays so that they are directed toward tile walls.



Tip 15.

A properly built shower area will have a pitch to help facilitate easy water return.

Illustration #1 demonstrates the pitch spilling water out onto the bathroom floor.

Illustration #2 would find standing water issues, which lead to mold and mildew problems.

Illustration #3 is pitched too severely, which could create problems for the door gaskets resulting in premature wear on the hardware.

Illustration #4 is ideal. A pitch between 1/8" to 3/16" is ideal for shedding water back to the shower drain.

