



EAST SIDE GLASS

Heavy Glass Shower Enclosure Design

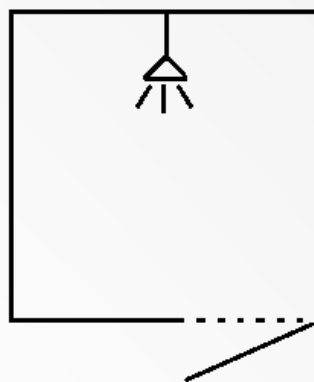
GUIDELINES & RECOMMENDATIONS



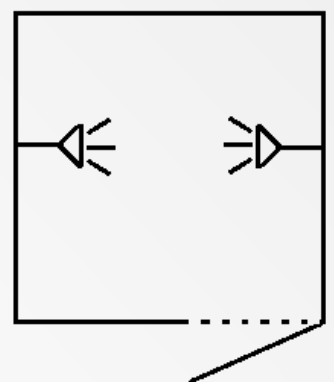


Placement of Shower Heads & Jets

Shower heads and jets aimed at glass enclosure will create a leaking point. Aim shower heads and jets at tiled walls.



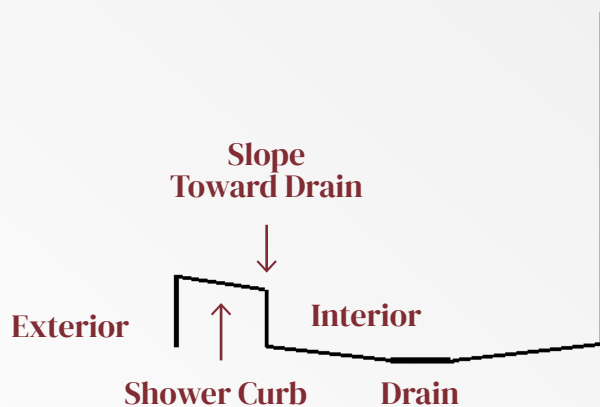
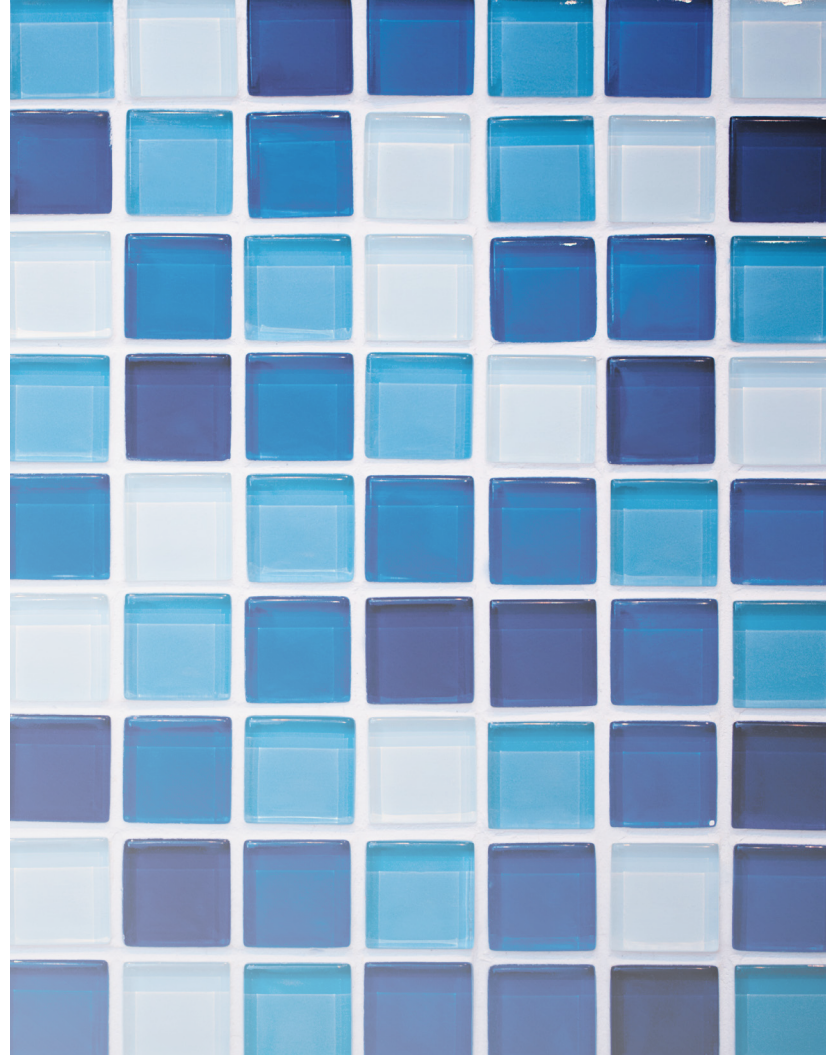
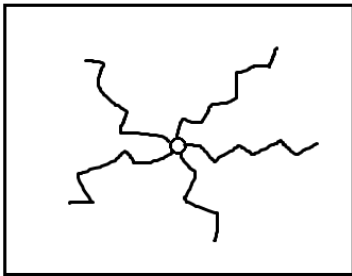
Incorrect



Correct

Use of Glass or Porcelain Tiles

Glass or porcelain tiles are extremely brittle and prone to break or chip when drilled or when pressure is applied. Avoid using these types of tiles where drilling will be required for glass installation. Otherwise, make sure a grout line is available for areas that require drilling.

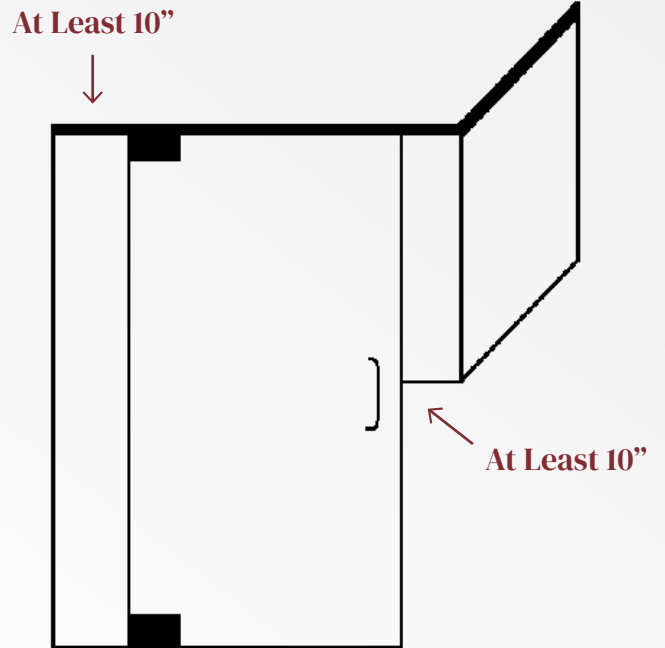


Slope of Curbs, Floors & Benches

Leaks and standing water are caused by improperly sloped surfaces. All curbs, floors, or benches should be sloped to the interior of the shower toward the drain. East Side Glass has the right to refuse installation of shower enclosures with curbs, floors, or benches sloped in the wrong direction.

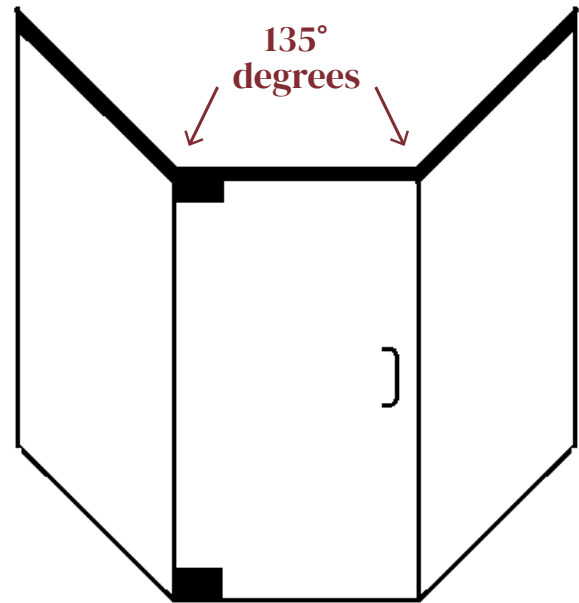
Enclosures Designed Using Narrow Panels

Individual panels should all be at least 10" wide. Code requires all glass to be tempered, and narrow panels could warp during tempering. The taller the panel, the wider it should be.



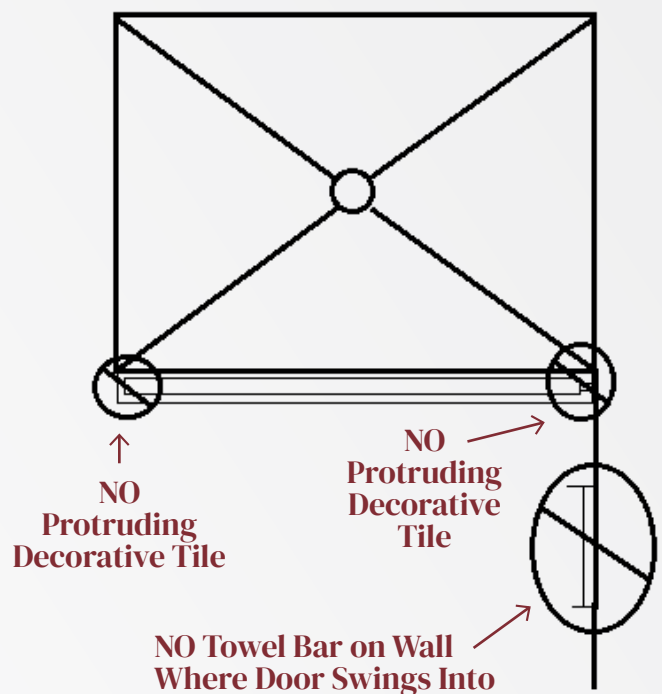
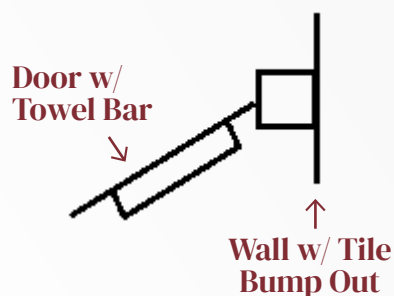
Neo-Angle Shower Enclosures

The standard angle for a neo-angle shower is 135°. Any other angles add cost to the materials and make it difficult for the glass to follow the angle of your tile.



Door Swing Clearances

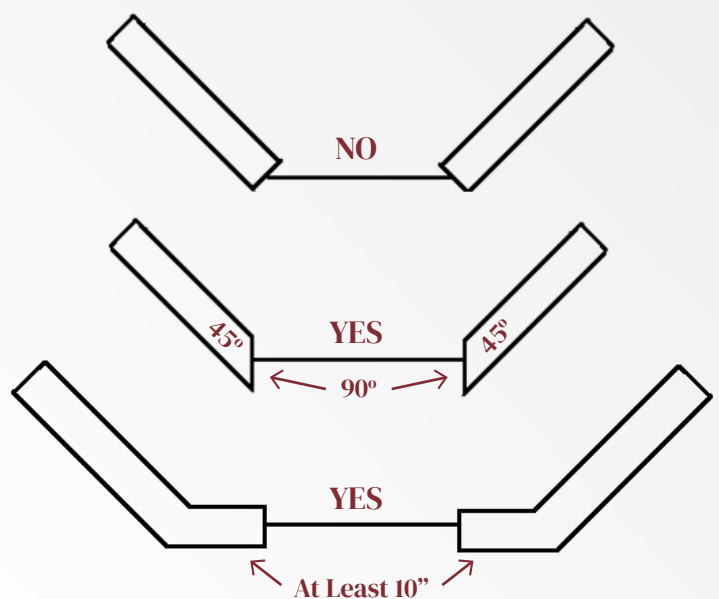
Decorative tiles, towel bars, toilets, vanities, and other accessories in the door operating area create obstructions and limit design options. Create a bump out of tile where door is being hinged to prevent door hardware from hitting before getting to 90°.





Knee Wall Tile Layout

Knee walls that come together at an angle other than 90° will cause problems with door swing clearances. Heavy glass shower doors are meant to swing in and outward.



Door Widths & Heights



Common door widths are between
26" – 30"



Common door heights are between
72" – 84"

The narrower and shorter the door, the harder it is to get in and out of the enclosure. Staying within the common widths and heights is recommended for use of standard hinges. Making a door too wide or too tall will greatly limit the types of hinges you can use.

3/8" glass doors mounted with top and bottom pivot hinges are limited to 31" width.

Please contact an East Side Glass representative if you have any questions on the sizes of glass panels before you build your shower enclosure.



Important Installation Considerations & Specifications

Glass Fabrication and Tolerances

Glass cutting maintains a standard tolerance of 1/16" to 1/8", which may result in slight variations in gaps around glass panels. These variations are normal and expected in glass fabrication.

Water Management and Drainage

Heavy glass shower enclosures are designed with intentional gaps that allow water drainage to function properly. Water passage through these gaps is an inherent characteristic of this type of enclosure system.

Door Panels

Functional gaps around the perimeter of door panels are required for proper operation. Water will pass through these openings to the exterior of the enclosure.

Side Panels

Clamp-mounted side panels require perimeter gaps for installation. Water will pass through these openings to the exterior of the enclosure.

Shower Head Positioning

The location of your shower head directly affects the amount of water that passes through the natural gaps in the glass enclosure system.

INSTALLATION REQUIREMENTS

Wall Reinforcement

Shower surround walls must be reinforced with 2x4 framing where glass panels will be mounted to provide secure anchoring points.

Curb Construction

Shower curbs must slope inward toward the drain for proper water flow.

Door Clearance

Door handles and towel bars may contact walls, side panels, faucets, or other obstructions within the door's swing path. East Side Glass recommends installing a tile bump-out for wall-mounted doors to minimize clearance issues.

EAST SIDE GLASS

<https://www.eastsideglass-mn.com/>

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VISIT OUR SHOWROOM

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