

Bethel Glass & Shower Door

**Building
Your
Opening**



**Choosing
Your
Style**

*Designing
Your
Shower Enclosure*

Building Your Opening

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Below are several things to be aware of during construction of your new opening to avoid unnecessary problems and assure that your finished enclosure is the best that it can be.



- **Sill/Saddle** – This is the base area that any part of the shower door sits upon. Whether constructed of tile, a marble or granite slab, or other, the sill should be laid to slope inwards toward the interior of the shower, (1/8" to 1/4" max.). This allows any runoff to run back into the enclosure.

- **"Rope" or Decorative Tiles** – These usually run horizontally around the interior walls of the shower stall and may protrude beyond the flush surface of the rest of the tiles. In this situation, the "Rope" tiles may interfere w/the operation of the shower door. They should stop short of the mounting area of the door. (In the event that they run through the opening, we can notch them to prevent interference @ customers risk against any damage to tile work).

- **Knee-walls/Tub Decks** – These must be constructed at a 90* angle on the edges where a glass panel is notched. Any sill/saddle member involved must not hang over the vertical plane of the knee-wall. (If already constructed this way, we can notch the saddle @ customers risk against any damage)

- **Glass Tiles** – These are very brittle and, due to the weight/action of the shower door, subject to breakage during normal usage of the swing door. (We do not accept responsibility upon this occurrence).

- **Fiberglass "Insert" stalls** – These are pre-molded units. Due to structural limitations, we do not recommend installing a Heavy Glass frameless shower door on these. However we can offer a thinner glass, (1/4"), "Frameless" unit which generally gives you the same end appearance. Any of the "Framed" models are also available for these fiberglass stalls.

Choosing Your Style

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There are a number of ways to install a Frameless type Shower Enclosure when stationary panels are included in the configuration. These panels must be secured in some fashion for structural integrity. Be aware that there are some companies out there which will simply caulk these panels in place, (to eliminate any channels or clips for a “total frameless look”). This is strictly forbidden under industry standards for liability reasons. Below are listed Options on securing glass stationary panels.



- **Clips** – Panels may be secured by individual clips mounted to the walls. There are several styles and finishes available to choose from. However, depending on the set up, too many clips can make the finished unit look too busy. Also keep in mind that this is a more expensive install, due to required holes in the glass. This situation requires a direct “glass to wall” silicone sealant bead, inside & out, which may mildew over time. Although we use a mildew resistant sealant, we cannot warranty against this occurrence.

- **Low-Profile “U” Channel** – Panels may also be secured using a very Low-Profile channel. Although some consider this an actual frame, it is so minimal, that it blends in with the overall finished unit. It is a considerably less expensive way to install the enclosure, and virtually eliminates visible caulk beads, and the potential aesthetic problems that may occur in the extended future. This is our most popular system.

- **Direct Tile Mount** – If the opening has not yet been constructed, this is the ideal time to plan for a Totally Frameless unit. We can coordinate with your tile installer, to recess the glass directly into the tile work. This gives us the required structural stability, with no channel or clips whatsoever.

- **Door Location** – When planning the location of the swing door, there are a few things to keep in mind. It is ideal, if possible, to hinge the door directly to a wall. This provides the ultimate structural integrity, and does not require a “Header Bar”. However, when hinging the door to another glass panel, that panel wants to “Flex”. Therefore a header bar is required for stability. This is a more expensive route, and the header detracts from the overall frameless appearance. Be aware that some companies get around this by hinging a thinner glass door to a thicker glass panel. Again, industry standards prohibit a “Glass to Glass” hinge system without using a header, (due to liability issues).



Frameless Door Options 3

Aside from a basic swing door type of enclosure, there are other kinds of Shower Doors available which are unique, and can be an alternative in the event of certain room restrictions, such as a toilet or sink too close to the opening to allow a swing door. Or you may choose one of these simply because you prefer that particular style of unit.

Steam Shower Unit – This generally encompasses the whole opening in order to retain the steam. It is important to note that some steam, (like smoke), will escape. No steam shower is 100% air tight. An operable pivot transom glass may be installed above the door to allow air flow when steam is not in use (air flow helps prevent mildew).



Sliding Door – We offer the “HydroSlide” model. This is a high tech contemporary enclosure. Only one door slides, where the remaining glass is a stationary panel.



“French” Swing Doors – These would consist of double swing doors that meet in the center of the opening. This also would allow a virtual Full “Pass-Thru”. Although they can be used in a shower stall, this style is popular for tubs as well, to allow you to Bathe the Baby.



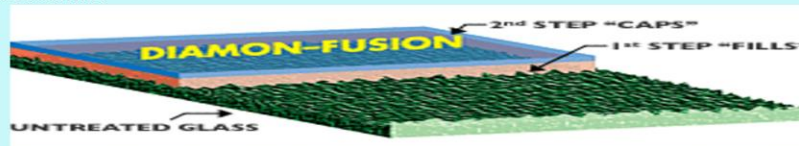
Bi – Fold Doors – The “HydroSlide” model is also available in a Bi-Fold system, where the panels can fold together against a wall, either inside or outside the stall. This allows virtually the whole opening width as a “Pass Thru” area.

Glass Protection 4

An Optional Glass protectant is available on all Shower Doors. This new technology is not a self-cleaning product, but does guard against hard water stains and soap scum build-up on the glass. Below are product types, and availability.



- ShowerGuard glass stays beautiful because its surface is protected during manufacturing through a unique ion beam process. This patented technology permanently seals the ShowerGuard glass surface, stopping corrosion before it starts. And unlike spray-on or wipe-on treatments that eventually wear off, the protection provided by ShowerGuard glass is part of the glass itself, so it never needs to be reapplied. That means your shower stays beautiful, shower after shower, year after year. Click on "ClearShield" on our website for full warranty information. www.bethel.net



- "Diamon - Fusion" - This is virtually the same protection as above. "Diamon-Fusion" is available on all "Century" brand shower Doors. Click on "Century" doors on our website for more info and warranty.

After Care

To extend the life of the above products, a special line of after-care products are available which contain no abrasives, do not leave a film or residue and neutralizes alkalinity, which is the glass' worst enemy.

Stubborn Stains/Removal

We offer a full line of Specialty Cleaners & Protectants for Shower Enclosures that have already been affected by years of usage. Not available in stores, these products are specifically designed to A.) Clean stained glass and, B.) Protect against future staining.

For The Budget Minded 5

We also offer standard kit enclosures which are popular for kids baths, rentals, or just the budget minded who don't want to invest too heavily on a shower enclosure." Century Bathworks" is the #1 supplier of shower door enclosures on the East Coast. We have been selling them for over 15 years, and I personally have been installing them for almost 40 years. This brand does not even come close in comparison to what is offered in today's "Box Stores". You can view these, and all of our products on our website. www.BethelGlass.net



Glass Options

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Antique



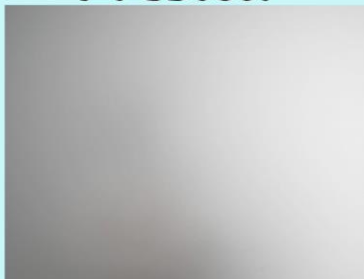
Aquatex



Bronze Tint



*Bisselux/
Frosted*



Bubble



Cascade



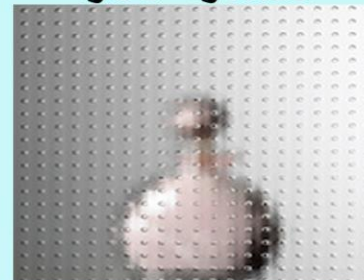
Clear



Glue Chip



Geo Glass



Grey Tint





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