



## **PLANNING YOUR INSTALLATION**

[Installing the Receivers](#) is the most important part of your Synthesis™ installation. The correct use of the vertical and horizontal jigs to install and verify the receiver locations will ensure that all edges and seams will align properly upon final installation.

Warped framing may present an installation challenge, depending on which way the warp occurs. If the warp is causing the framing to protrude into the shower enclosure, the framing must be planed down to flat. If the warp does not protrude into the shower enclosure, it can likely be corrected when [Installing the Receivers](#).

Stud cavities at *far right and far left of each wall* must be clear of all obstacles from top to bottom. If these stud cavities contain cross-bracing, plumbing pipes or vents, or any other obstructions that will interfere with the receiver installation, these items must be relocated prior to installing Synthesis™.

Consider the location of the Synthesis™ seams when placing plumbing fittings and valves. Some clients prefer to align these items with the seams while others choose to avoid the seams altogether. Whichever path you choose, it is best to consider it ahead of time.

Plumbing fixtures are to be configured for a 1-1/4" finished wall thickness.

Consider the locations of your shower accessories, such as shower niches, grab bars, and shelves, in relation to the Synthesis™ seams. In-wall blocking is required for grab bars and may be required for other items. Placement of these items is subjective but must be considered in advance.

Consider the method of finishing the exposed panel edges at the front of your Synthesis™ porcelain shower surround. The exposed panel edge is 3/4" thick and can be finished with a metal or plastic "L" trim or with a casing or trim of your choice. The 1/2" plywood strips at the front of the shower surround may be omitted and replaced with a 1/2" drywall return if necessary.

Framing width of side (return) walls cannot exceed 37-1/8" in depth (front to back).

Clear framing width of rear wall cannot exceed 60" in overall width.

Overall height of wall panels is 94-1/2" Bottom panel may be trimmed by up to 5" on the bottom edge. Top panels may be trimmed by up to 22" on the top edge. See [Altering a Panel](#) for additional information.