

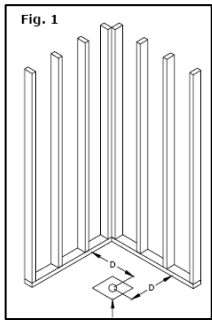
3/4" BARRIER FREE SHOWER INSTALLATION

WARNING: FAILURE TO FOLLOW THESE INSTALLATION INSTRUCTIONS COULD VOID THIS PRODUCTS WARRANTY.

It is recommended that the bathroom floor be designed with a floor drain to alleviate any water over spray that may escape shower stall.

The 3/4" threshold barrier free shower stall is a very sensitive unit to properly install. It is very important that the procedures are followed exactly during the installation process to create the ideal barrier free access area. A licensed plumber is required to install or supervise the installation of these units. These units are thoroughly tested in the plant to ensure their ability to drain water. Failure to follow these handling and installation instructions may cause improper drainage, thus voiding the unit's warranty. If the unit being installed is a multi-piece unit, re-install the back sections of the unit to the unit's base prior to the installation. Before installation, inspect the seams between the shower sections to make sure that they are all lined up correctly. Make any corrections necessary prior to installing the shower. Apply a bead of silicone caulking (not latex caulking) on each seam and bolt location of a multi-piece unit.

1. Carolina Classic 3/4" showers are to be stored in a dry area prior to installation to prevent moisture from attacking the reinforcement material which could cause warpage to the unit. Additionally, the units cannot be stored in a manner where the bottom of the unit and the drain are forced upward.
2. Construct a framed pocket that is square and plumb in accordance with rough-in dimensions. The floor of the pocket must be perfectly flat and level. Please consult all local and state building codes for proper installation. Remove all factory-shipping braces. On the bottom of the back wall there is a piece of OSB board for shipping purposes. This needs to be cut down so that it will not interfere with leveling the shower stall properly. To do this, set a circular saw to cut a 7/16" deep cut. Cut the OSB that extends past the bottom of the unit. Use caution when cutting, there are wood blocks that are secured with metal staples on the inside edge of the board. ***This board cannot be removed until the unit is ready to be installed. Removal of the board before installation may damage the floor of the shower and void its warranty.***



3. Mark and layout holes for the plumbing fixtures by marking the centers of the holes. Be sure to drill these holes from the finish side of the shower unit. Drill smaller holes with a sharp spade bit or hole saw. For larger holes use a saber saw with a plastic or metal cutting blade.

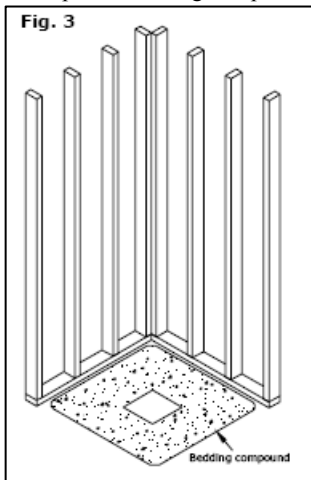
4. Install all plumbing fixtures, making sure not to over tighten them. Check the drain and make sure that it is sealed properly.

5. We strongly recommend that a larger core hole be drilled an inch or more deep into the floor to permit the drain area to be pulled down by the plumbing connection. Depending upon the core opening in the cement slab, the installer may find it necessary to core a larger opening permitting the shower drain to penetrate down into the cement opening. An 8" core approximately 1 1/2" deep followed by the standard core drill may be desirable. If the core cut is more than 8"x8" or 8" diameter, we recommend back filling the core cut, sloping the fill to the drain. This will assure that the area of the floor around the drain receives proper support. (See Figure 1 and Figure 2)

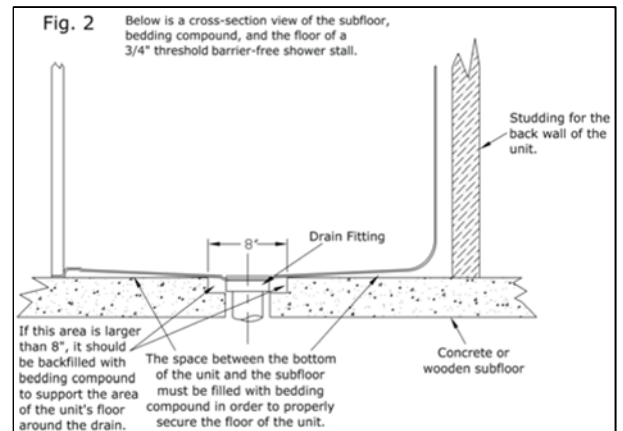
6. Set the unit into the pocket and plumb and level it. First, plumb the unit by placing a level on the front posts and then level across the dam of the unit. Use a 2' level on the floor of the shower to check that proper slope can be achieved. Also inspect that there are no dips, humps, or other restrictions in the floor which will prevent proper water drainage. If there are any obstructions, you will need to chisel or cut the concrete out to create a surface that allows for proper slope to the drain.

* D = Dimensions provided on the cut sheet of the unit which show drain location. ** Right hand stud wall is omitted for clarity D 8" x 8" or 8" Dia. Core approximately 1 1/2" deep must be drilled on center with the drain to permit the drain area to be pulled down by the plumbing connection. The drain must be aligned in the center of the core to insure proper installation and drainage slope. D Fig. 1 ** If the core cut is more than 8"x8" or 8" diameter we recommend back filling the core cut, sloping the fill to the drain.

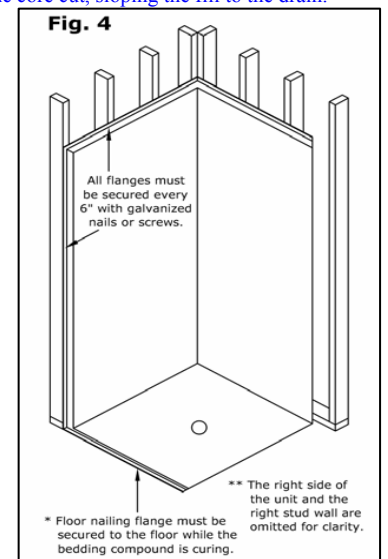
7. Prepare a bedding compound for the unit to be set on. (See Figure 3) A proper bedding compound would be cement slurry, thin mortar mix, plaster of paris, or a comparable floor filling compound that is not water soluble. ***** All Carolina Classic 3/4" barrier-free showers must be set in a bedding material. FOAM SHOULD NEVER BE USED AS A BEDDING MATERIAL FOR 3/4" BARRIER-FREE SHOWERS. ***** Set the unit in the bedding compound; check the floor of the shower for high spots that could restrict the water drainage. After the unit has been properly placed on the bedding compound, use a 2' level to check that proper slope has been achieved, and to assure that there are no dips, humps, or other restrictions in the floor which will prevent proper water drainage. If any obstructions are found, they must be fixed before going further in the installation.



8. Before nailing or screwing the flanges, and before the bedding material cures, verify that the unit is still plumb and level. As before, first check for plumb on the front posts and then check level across the dam of the unit. When the unit is plumb and level, and the slope to the drain is assured, secure the flanges with galvanized nails or screws. Secure vertical flanges every 6" or as necessary to keep vertical flanges flush to the rough-in studding. (See Figure 4)



9. This unit has an integral floor-nailing flange. This flange was designed to eliminate floor warpage that is common with most 3/4 inch shower units. This flange must be attached to the floor, before the bedding material cures, to allow the unit to drain properly. A



screw should be inserted in the middle of the flange, and screws should be placed every 12" to each side, or as necessary to make sure that there are no bows or bumps in this flange. To attach the nailing flange to a cement floor, predrill and counter sink the fiberglass flange to accommodate concrete anchor screws. Tapcon cement screws may be used but be careful not to over tighten them. Anchor screws with expansion adaptors are the preferred method to secure the flange to the floor. Please note that the use of any mechanical nailing gun can cause damage to the fiberglass flange and is not a recommended means of securing this flange to the floor. Use of any mechanical nailing gun may result in voiding the unit's warranty.

10. After securing the floor flange, using a 2' level, re-check that proper slope has been achieved in the shower floor. Assure that there are no dips, humps, or other restrictions in the shower floor which will prevent proper water drainage.

11. A floor-leveling agent can be used to smooth the transition between the shower unit and the floor. A smooth transition between the shower unit and the floor is a requirement for ADA compliance. We recommend Feather Finish for all vinyl applications or grout for tile installations.

12. You can finish off your new shower with a variety of materials. (Tile, drywall, drywall mud, plaster, wood, or plastic trim)

13. Clean your new shower with a mild liquid detergent and warm water. Do not use any abrasive cleaners such as scouring powder.

CEMENT SLURRY, THIN MORTAR MIX, PLASTER OF PARIS, OR A COMPARABLE FLOOR FILLING COMPOUND THAT IS NOT WATER SOLUBLE ARE PROPER BEDDING COMPOUNDS TO BE USED UNDER BARRIER FREE SHOWERS. WATER SOLUBLE MATERIALS, FOAM and OTHER EXPANDING MATERIALS ARE NEVER TO BE USED AS A BEDDING COMPOUND. IF THERE ARE ANY QUESTIONS CONCERNING INSTALLATION OF THIS PRODUCT, WE URGE THAT THE INSTALLER CONTACT CAROLINA CLASSIC'S CUSTOMER SERVICE DEPARTMENT AT (800) 775-8827.

JOB SITE INSTALLATION OF OWNER SUPPLIED ACCESSORIES

All Carolina Classic units purchased with supplied grab bars are custom reinforced at the factory to accommodate the mounting of said bars. Any grab bars installed on a Carolina Classic unit at the job site must have proper reinforcement (wood support and backing plates) at all mounting areas and should comply with ANSI A117.1, Uniform Federal Accessibility Standards (UFAS) and ASTM F446 specifications for grab bars in the bathing area. Job-site installation of third party supplied grab bars is entirely at the risk and full responsibility of the owner. **Any damage to Carolina Classic units or the property during or after grab bar installation, or any injuries due to improper installation remain the sole Responsibility of said owner and cannot be Attributed to Carolina Classic, Inc.**

***WE SUGGEST THAT THE CUSTOMER AVOIDS LEAVING A BATH MAT IN THE UNIT. IT COULD CAUSE WATER STAINS OR BLISTERING TO THE FINISH SURFACE OF THE UNIT. CAROLINA CLASSIC PRODUCTS ARE CERTIFIED TO MEET NAHB STANDARDS, HUD/FHA, BOCA, HUD UM-73A, ANSIZ124.1, and ANSI 124.2.

CARE and MAINTENANCE

DO NOT USE ABRASIVE CLEANERS

- Abrasive cleaners may scratch and dull the surface of the unit. To clean the unit after installation, use warm water and one of the stronger liquid detergents, such as; Top Job, Liquid Ajax, or Mr. Clean. Use these liquid detergents for normal day-to-day cleaning. Plaster can be removed with a nylon or polypropylene scrubber. **DO NOT USE** steel wool, metal scraper, wire brushes, or other metal tools. One of the powder type detergents, such as Spic and Span, may be used on a damp cloth to provide mild abrasive action to remove residue plaster.
- Minor stains can be removed with a household strength ammonia or bleach. A periodic scrub down with gel gloss or a dishwashing detergent (wear rubber gloves) will usually remove any soap or mineral deposits. Periodic waxing with an automotive polish followed by a light application of liquid wax, such as Johnson's' Jubilee will add luster and preserve the finish. Lighted smoking materials will leave burn marks on fiberglass products. This or other similar damages can often be repaired by rubbing the affected area with an automotive type body polishing compound, such as; DuPont No. 7 followed by an automotive body wax, such as Simonize. More severe burns require careful sanding with 400 – 600 grit wet sandpaper and a final rub out with the automotive polishing compound and wax.
- Extensive damage can be completely repaired. A professional service repairman in your area should perform such repair work. If local service is not available, or if you need further assistance, contact Carolina Classic.

Whirlpool Cleaning

Whirlpool systems should be cleaned periodically using household bleach. **Always use caution when using chlorine based products in conjunction with other cleaning products. The possibility of harmful fumes could result. Always rinse well.** Fill tub with warm water above jets and add 1 cup of household bleach. Turn system on for 5 minutes. Drain tub and re-fill with cold water. Restart system for 10 minutes then drain.

WARRANTY

PLEASE READ YOUR WARRANTY VERY CAREFULLY

All merchandise is guaranteed for a period of three (3) years from the date of initial acceptance of the product by the contractor or the owner against defects in material and workmanship in the merchandise. All claims must have proof of purchase. If within the warranty period any such product shall prove defective of material defects, manufacturing defects, labor defects, it shall be repaired or replaced at the manufacturer's option.

EXCLUSIONS:

- 1) This warranty shall not apply to incorrect operating procedures, breakage or damages caused by fault, carelessness, negligence, abuse, misuse, misapplication, improper maintenance, alteration, or modification of the unit by or for the buyer, as well as chemical or natural corrosion, fire, act of god, or any other casualty.
- 2) The buyer of the product covered by the present warranty is entirely responsible for its proper installation and connection. Carolina Classic neither installs nor supervises or contracts for the installation and consequently cannot be held responsible for it.
- 3) This warranty does not apply to units or equipment not installed and connected in accordance with manufacture's instructions and in conformity with all local, state, codes for such installations.
- 4) **CAROLINA CLASSIC IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGE, LOSS OF TIME, INCONVENIENCE, INCIDENTAL EXPENSES, LABOR OR MATERIAL CHARGES OR ANY OTHER COSTS RELATED TO THE APPLICATION OF THE PRESENT WARRANTY OR IN CONNECTION WITH REMOVAL OR REPLACEMENT OF EQUIPMENT OR TUB.**
- 5) All Carolina Classic modules have slip-resistant textured floors. The use of "suction-cup" bathmats can cause surface damage.
- 6) Carolina Classic makes no express warranty, No warranty of merchantability. No warranty of fitness for particular purposes, neither any other warranty implied or statutory for its products other than specified above.