



Laurel Mountain

Installation Data

Bathtubs

NOTICE: Please inspect the unit thoroughly before installation to make sure it has not been damaged during transportation.

If you have any questions please call Laurel Mountain's Technical Services department at 800-930-0050.

IMPORTANT! Before installation begins:

- READ ALL INSTALLATION INSTRUCTIONS COMPLETELY. IMPROPER INSTALLATION WILL VOID THE WARRANTY.**
- Make sure that walls and floors meet fire safety requirements of local building code and/or FHA/HUD Minimum Property Standards.
- The blocks and/or legs attached underneath the bottom of the bath fixture are an integral part of the support system and should not be removed. Although these blocks and/or legs need not touch for an acceptable install, this may be an indication that the unit and/or sub-floor are out of level. **NOTE:** No foundation materials are required on Laurel Mountain bathtubs.
- For three wall alcove installations, use only integral molded three-sided tiling flange bathtubs.
- Laurel Mountain does not recommend utilizing bathtubs without an integral tiling flange in an alcove installation where a shower head would be installed above the unit and utilized as a shower.

Tools Needed:

Drill, 3/16" drill bit, screw driver bit, 3 1/2" drill bit, 1" drill bit, #8 x 1" pan head screws, tape measure, hammer, 100% mildew resistant silicone sealant, level.

Pre Installation Requirements:

- In remodeling, if necessary, add studs at each end to provide a vertical nailing surface for the side nailing flanges of bath fixture product.
 - To avoid obstruction during installation make sure that supply lines, spout pipe and valve plumbing do not project into alcove.
 - Tubs require a 6" x 12" (150mm x 305mm) floor opening for the 1 1/2" (40mm) drain, waste and overflow (DWO) kit. [See Diagram 1]
- NOTE:** Be sure floor opening location matches bath fixture drain location.

Installation

If mounting fittings on tubs, from stable reference points (back wall studs, floor) measure the locations of spout and valves.

Note measurements here:

Tub Filler: _____ Valve: _____

- Make sure framed-in alcove is of proper size per Laurel Mountain dimensions, square, and plumb; check floor for levelness.
- Place the tub in the alcove with the front skirt firmly on the floor. **The bathtub should be set level.** To check, use a level on top of the ledges on both ends of tub and on top of dam. [See Diagram 2]
- After leveling tub, mark each stud (or concrete or block wall) immediately above the back horizontal flange. Remove tub from alcove.
- Measure the distance between the top of the back horizontal flange and the bottom of the tub ledge (approximately 1 1/2" (40mm)). Carefully mark this dimension on the back studs (or wall), below the first mark. [See Diagram 3: Detail A]
- Ledger Strip: Laurel Mountain mandates the use of supports under the rear ledges of bathtubs to prevent shifting. Use horizontal ledger strip along the entire rear ledge or "I" or "T" supports in at least two places in vertical position. Nail a 1" x 3" x 60" (25mm x 75mm x 1525mm) ledger strip immediately below the lower marks made on framing.

NOTE: Fasteners: To wood framing - 1" (25mm) galvanized roofing nails or 1" (25mm) pan head screws; to steel studs - drill flanges and studs with 3/16" (5mm) carbide bit and fasten with #10 x 1" (25mm) sheet metal screws with washers; to concrete/block walls use 1" (25mm) concrete nails with nailing tool or impactor. **NOTE:** Pre drilling nailing flanges is recommended to avoid cracking the unit.
- Replace unit into alcove with front skirt firmly on floor. Make certain that back ledge of tub rests firmly on ledger supports [See Diagram 3: Detail A]. Level unit, shim ledger, if necessary. **The bathtub should be set level.**
- - Spot-fasten the two bottom corners and the two top corners of the vertical side nailing flanges.
 - Fasten at each stud through the topside flanges; through the back flange, at each stud (concrete; 16" (405mm) on center), working from both ends toward back center.
 - Complete the fastening through vertical side flange, approximately 8" (205mm) on center.
- When other than cementitious backer board plaster is to be used, furring strips as thick as nailing flanges are recommended for installation on studs above the installed Laurel Mountain unit to assure walls will be flush. 100% silicone sealant with mildew resistant properties should be applied between the backer board and horizontal surface of unit. Then finished wall materials can be applied [See Diagram 4: Detail A]. Finishing of other trades should be done in conformance with applicable codes and generally accepted building practices.



- Tub - Mounted Fittings: Refer to dimensions noted above; mark fitting locations. Using a hole saw (fine tooth or abrasive grit cutting edge), make necessary openings for filler and valves, drilling from inside (smooth side) out.
- Door Enclosures: Use Laurel Mountain shower door model for an engineered fit. Reference the Laurel Mountain website for the shower door installation guide.
- NOTE:** Where local codes specify minimum door openings, shower stalls may require swing (not sliding) doors.

Clean-up

CAUTION: DO NOT USE heat, or solvent based cleaning fluids

NOTE: Do not remove adhered label. Warranty/User Maintenance Label must be left for occupant. (Required by ANSI Z124).

1. To prevent staining and/or blistering: Remove all construction debris before filling product for plumbing inspection. Drain and wipe clean immediately after the inspection process. Use sponge with warm water and liquid detergent. Do not use abrasive cleaners, such as scouring powders or pads, steel wool, scrapers, sandpapers or anything else that may scratch, mar or dull the finish. Roofing tar or paints may be removed with rubbing alcohol or paint thinner (not lacquer thinner).
2. Plaster may be removed by scraping with the edge of a piece of wood or rigid plastic. Do not use a metal scraper or utensil to remove plaster or paint from finish.
3. Dulled areas can be restored to a high gloss with white or cream-colored automotive rubbing compound, followed by application of a coat of good quality white automotive polish (or similar) and buff with a soft cloth.
4. Remove minor scratches with 600 grit wet/dry sandpaper, followed by Step #3 (above).
5. Major gouges require professional repair.

User Maintenance Instructions

IMPORTANT! Use only recommended cleaners and procedures described herein. Use of other materials and methods may damage your bath fixture and void the warranty.

- For normal cleaning: Never use abrasive cleaners such as scouring powders or pads, steel wool, scrapers, sandpaper or anything else that could scratch or dull the surface of your Laurel Mountain unit. Instead, use warm water and liquid detergents or non-abrasive cleansers, especially those bathroom cleaners recommended for cleaning fiberglass.
 - To keep your Laurel Mountain bath fixture sparkling clean: Apply a coat of good quality automotive paste wax or polish and buff to a high shine with a soft cloth or towel. Repeat every six months for easier cleaning and long lasting protection.
- NOTE:** DO NOT WAX standing surfaces of the unit bottom (this includes textured, slip resistant standing surfaces), which could result in greater risk of slipping and personal injury.
- To restore a scratched or dull unit: Use an automotive polishing compound applied with a clean cotton rag. Rub scratches and dull areas vigorously. Wipe off residues. Follow with automotive wax treatment described above.
 - To remove adhesive: Try 3-M Natural Cleaner, De-Solv-It or similar materials. If residues remain, saturate a small, white, cotton rag with nail polish remover (naphtha or acetone) and rub vigorously until the adhesive dissolves and disappears. These solvents are highly flammable and must be used sparingly and with caution. Do not smoke or permit others to do so. Make sure all nearby heating devices (including pilot lights) are extinguished. Do not allow solvent to go down the drain. Make sure not to contact plastic drain grates or other synthetic materials.
 - Rubber Mats: If you use a rubber "anti-skid" mat, make sure to remove it from the unit after each use to avoid harm to the surface finish.
 - Hard Water: Water in certain regions, if not wiped up after bathing/showering, may cause fading of some bath fixture colors. This is a natural occurrence beyond Laurel Mountain's control. (See Warranty)

CAUTION: When using any cleaning or polishing materials, make sure to read and follow all package instructions carefully. Wear rubber gloves at all times and avoid contact with eyes, skin, clothing, rugs and furnishings. Make sure all residues are rinsed off thoroughly.



Laurel Mountain

Rough-In Dimensions

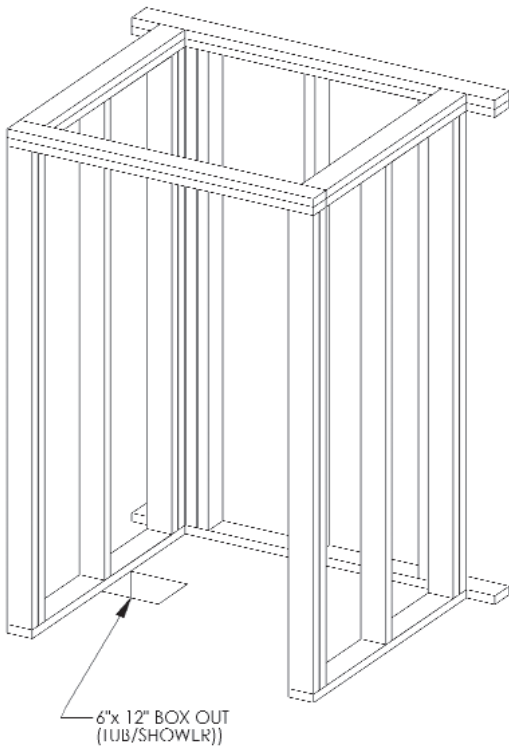


Diagram 1

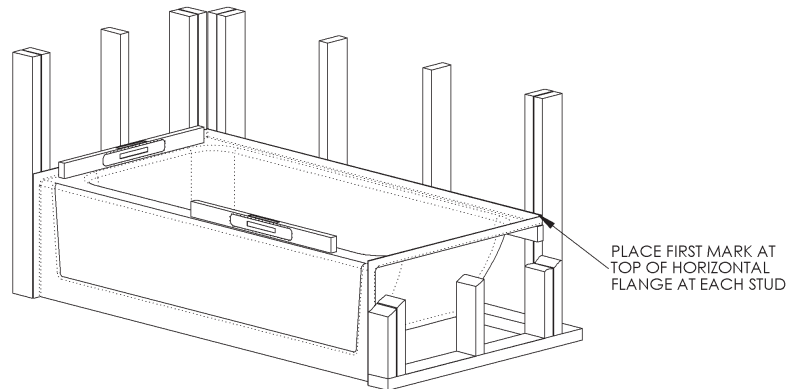


Diagram 2

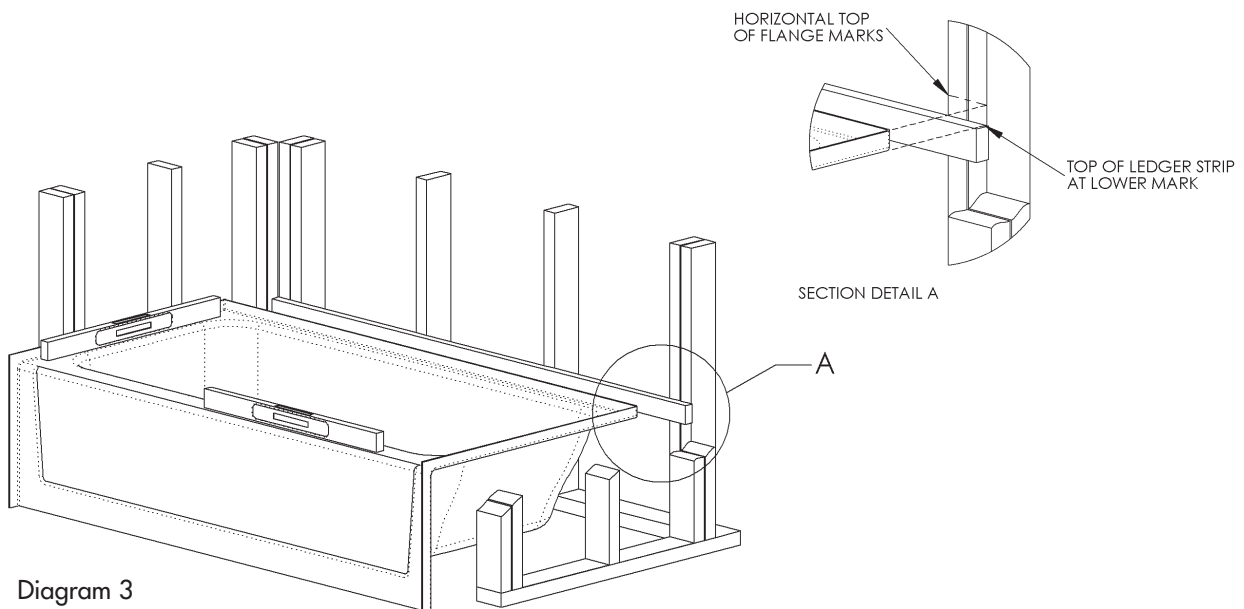
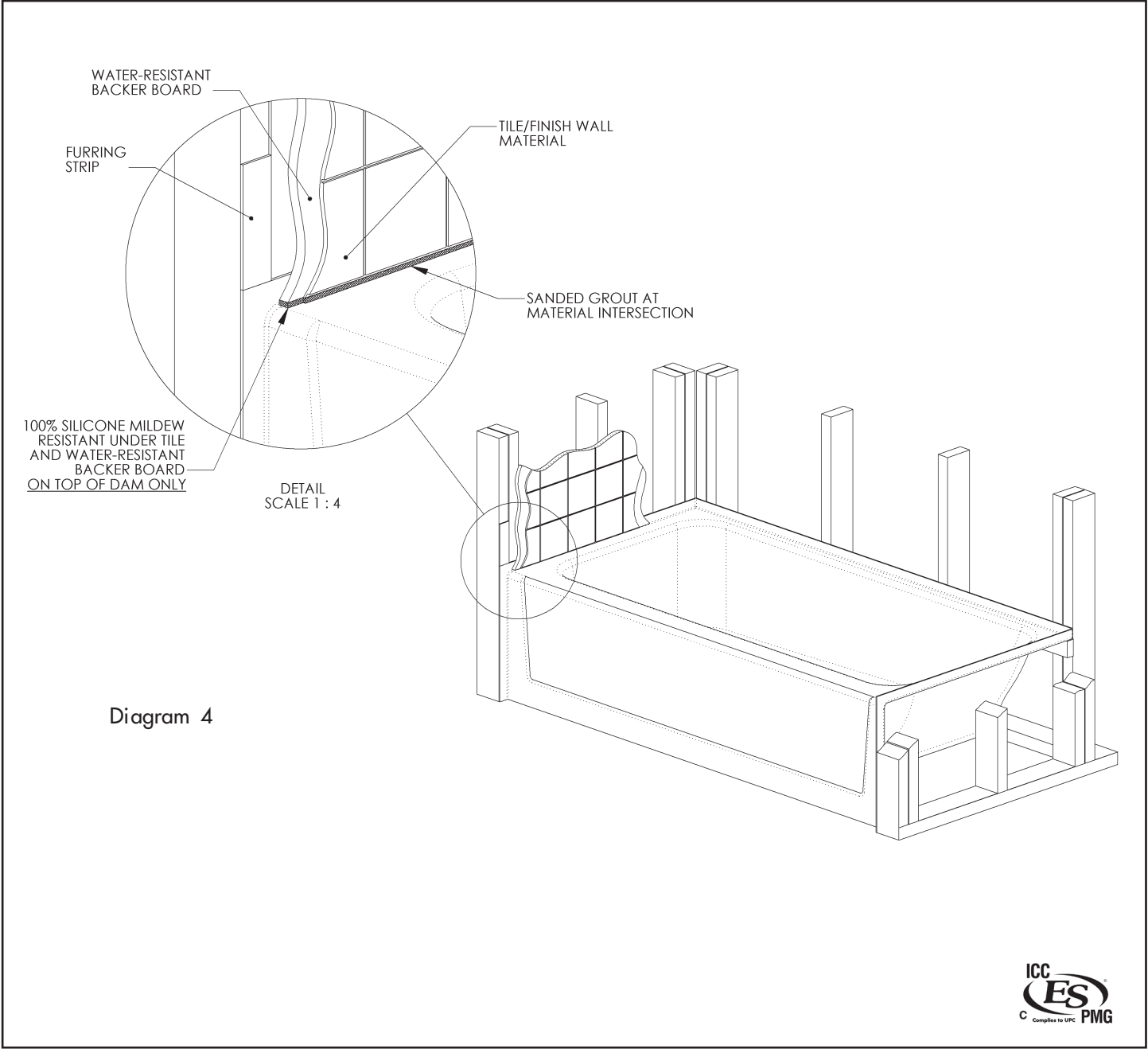


Diagram 3



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LITID1901 - 10047381

Printed in U.S.A.

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02.07.24