



Installation Guidelines for Cultured Marble and Acrylic Bath Tubs and Shower Bases/Receptors

Royal Baths Manufacturing Company recommends the following installation guidelines to better ensure the longevity and performance of its products.

Bathtubs -

1. The concrete floor or subfloor must be clean and level. If the floor is uneven or not level, we recommend the bathtub be installed in a bed of mortar cement to fully support the total weight of the product, water and person.
2. Most common basic bathtubs are designed to be attached to three walls. The underside edges of the tub need to rest on framing materials (1" x 4"s or 2" x 4"s) which are attached horizontally (and leveled) to the studs of the walls. To construct the framework, measure the depth (from the bottom of the tub to the underside of the deck) and width of the tub.
3. Record these dimensions. (depth and width)
4. Add 1"- 1½" for the mortar cement to the previous depth dimension measured above.
5. Using 1" x 4"s or 2" x 4"s, attach frame horizontally to wall studs. **Make certain the frame is level front to back and side to side. If the frame is not level, the product may not drain properly.**
6. Mix mortar cement to the consistency of peanut butter.
7. Ensure you have enough mortar cement to generously fill the void space and completely support the product.
8. Position the tub on the framework and in the mortar cement. Mortar should squeeze out from the sides of the product, ensuring complete coverage and support.
9. Level the tub by checking the tub deck front to back and side to side. If tub is level, the product will drain properly. If the tub is not level and you do not use mortar as recommended – shim material can be used but shims must



be wide enough to fully disperse the total loaded weight of the product. If you wedge a shim under the corner of the tub, make certain the shim(s) contact flat spots on the bottom of the product. Too much weight on a shim without adequate support could create a stress crack or a fissure.

10. Do not step into the product or put weight on the product until the mortar has cured. This will better ensure the finished product performs properly in the future.
11. Finally – again check to make certain the product is level.

Shower Bases/Pans/Receptors -

1. The concrete floor or subfloor must be clean and level. If the floor is uneven or not level, we recommend the shower base/shower pan/receptor be installed in a bed of mortar cement to fully support the total weight of the product and person.
2. Position the shower base on the floor. If floor is not level, use shims to level the shower base. Then remove the shower base without moving the shims.
3. Mix mortar cement to the consistency of peanut butter.
4. Ensure you have enough mortar cement to generously fill the void space and completely support the shower base.
5. Re-position the shower base in the mortar cement. Mortar should squeeze out from the sides of the product, ensuring complete underside coverage and support.
6. Again check to make certain the shower base is level. If shower base is level, the product will drain properly. Using only shims to level without mortar to support could create a stress crack or a fissure.
7. Do not step into or put weight on the product until the mortar has cured. This will better ensure the finished product performs properly in the future.

All products must be installed by a licensed professional.

Royal Baths Manufacturing Company does not install plumbing products but as the manufacturer of the products, we highly recommend the above process be followed to better ensure the long term longevity and continued performance of its products.