



INSTALLATION GUIDELINES FOR ACRYLIC BATHTUBS 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. We recommend the bathtub be secured to the studs as appropriate along with the use of support frames under the tub to fully support the total weight of the product, water, and person. As all subfloors are not level, shims should be used to ensure a level installation. The use of mortar to set the tub could also be used to better ensure a level base with the foundation.
2. Most common basic bathtubs are designed to be attached to three walls. The underside edges of the tub must 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. 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.**
5. Position the tub on the framework.



6. Level the tub by checking the tub deck front to back and side to side. If tub is level, the product will drain properly.
7. Final step: check to make certain the product is level.

Handling of the product is also critical in preventing future leaks or structural issues such as cracks. It takes at least two people to carefully handle and position a tub. The whirlpool hoses should never be grabbed or used to handle the tub.

ADA Bathtubs are ADA/ANSI Compliant when installed according to 2017 ICC A117.1 Ch 6 Section 607

Shower Bases/Pans/Receptors

1. To assure that the shower base does not move, pre-drill, and place two screws per side into the flange of the base, screwing into the wall studs, do not nail.
2. The concrete floor or subfloor must be clean and level. We recommend the shower base/ shower pan/receptor be installed on a bed of sand mix mortar to fully support the total weight of the product and person. If the pan is not mortaring set, all support feet must be supported or shimmed to ensure subfloor contact at load support points.
3. Mix the sand mix mortar 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. Position the shower base in the sand mix mortar. Mortar should be squeezed out from the sides of the product, ensuring complete underside coverage and support.
6. Check to make certain the shower base is level. If the shower base is level, the product will drain properly.
7. Do not step into or put weight on the product until the mortar has cured. This will 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 processes be followed to better ensure the long-term performance of all products.

