

BEACH ENTRY INSTALLATION INSTRUCTIONS & TIPS

STEP 1: UNLOADING & STORAGE: Always use OSHA approved lifting straps to lift off trailer. Be sure to account for increase in the pool's weight if using the Backfill Eliminator. The Backfill Eliminator will add an estimated 800-1100 lbs to the pool shell. If the pool is going to be unloaded and stored on site or at a facility, the beach entry should be supported either with the Backfill Eliminator or blocks around the radiuses, so pool is level and not adding additional unnecessary stress on the pool.

STEP 2: EXCAVATION WITH BACKFILL ELIMINATOR: The Backfill Eliminator makes excavation on the beach entry pool models as easy as any other single slope fiberglass pool. Using the appropriate material and properly preparing the base for the pool is essential. The recommended material for the pool base is a clean angular chip stone ½" or smaller that will compact on placement and allow water to easily permeate. Sand is NOT allowed with the Backfill Eliminator. Sand will flow through louvers into the Backfill Eliminator cavity. You should still prepare your standard 4" base. It may be necessary to go deeper with the base material if you have not yet reached the depth of your geographic frost line.

EXCAVATION WITHOUT BACKFILL ELIMINATOR: The beach entry should be treated as the pool bottom with its own base. The area should be excavated down to the geographic frost depth. This will likely require excavating more than four inches for base material. In fact, once the depth is excavated, base material should be to at least **the depth of your geographic frost depth.** This way you are setting the beach entry shelf on essentially a foundation. You want to make sure you are creating a firm foundation that allows water to permeate so that it will not heave and move as the ground freezes and thaws. Using the appropriate material and properly preparing the base for the pool is essential. The recommended material for the pool base is a clean angular chip stone ½" or smaller that will compact on placement and allow water to easily permeate. The smaller the stone, the easier it will be to pack and support the areas properly. Flowable fill is a good option for filling in voids and hard to reach areas such at the transition area of the steps but remember flowable fill does NOT permeate water. You may use flowable fill but have a chip stone base below frost line. Properly handling ground water drainage is essential.

STEP 3: LEVELING WITH THE BACKFILL ELIMINATOR: Leveling a beach entry pool model with the Backfill Eliminator is as easy as any other single slope fiberglass pool.

LEVELING WITHOUT THE BACKFILL ELIMINATOR: Once the pool is set in the hole, you will have to use cement blocks on the radiuses (do not place in center) to help get the pool level. Fine tune to level using a non-biodegradable material like roof shingles as shims.

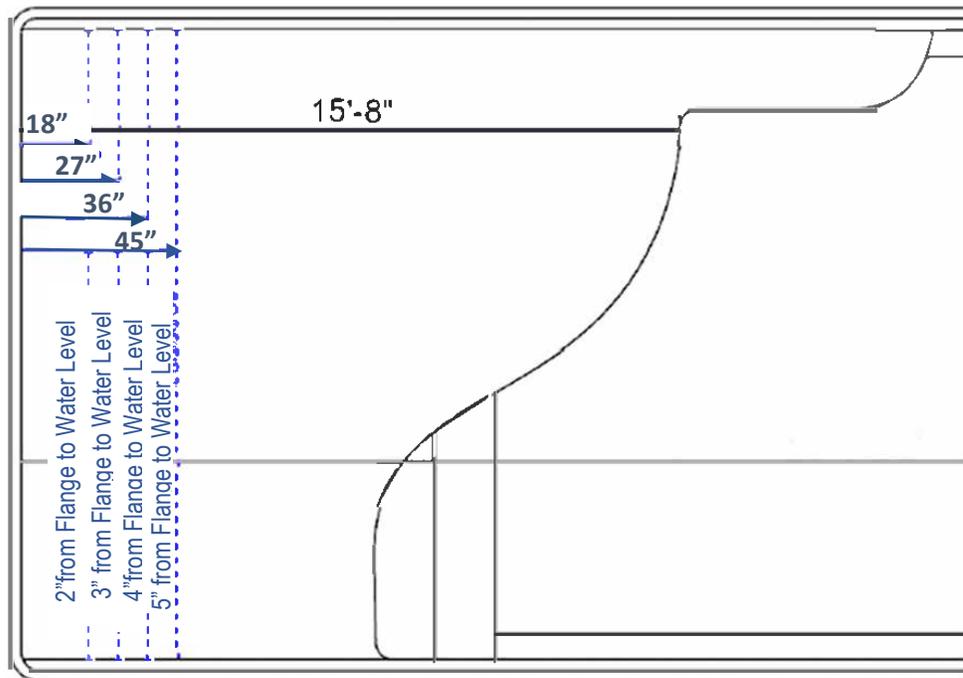


Pier Installation for Leveling

STEP 4: WATER LEVEL/ SKIMMER CUT-IN. First, ensure your pool is set in the hole and will not be lifted again. You will need to cut out the flange which will weaken that area of the pool wall. Take care in backfilling and water filling so you maintain a straight wall. To begin, place the faceplate of the skimmer at the **top of the coping** and mark the inside skimmer plate and holes. Cut out the skimmer square using a cordless drill and a sawzall or jig saw. Place the faceplate in the hole and make sure the holes line up. Drill out the rest of the holes. Cut out the coping so the skimmer fits flush. Grind down the backside of the pool until smooth. Remove any gaskets that may have come with the skimmer and do not use. Fill the mouth of the skimmer with silicone, place a bead of silicone on the backside of the skimmer hole, and along the backside of the faceplate. Mount the skimmer onto the pool. Liberally apply silicone to the backside perimeter of the skimmer.



**** Critical**.** Your skimmer height directly effects the water level on your beach entry. For every inch of water level, you will create 9" of 'dry' area or exposed fiberglass on the beach entry. To minimize the amount of fiberglass exposed, place the skimmer at the top of the pool wall. See image below. Add Water Features to minimize 'dry' area.



Top View of Grace Beach Entry: How skimmer height effects how high the water level will reach on beach entry

STEP 5: COPING/DECKING. Multiple options exist for decking around a beach entry pool. We do not recommend exposed coping unless you apply a non-slip epoxy coating around flange. The factory flange/coping is not slip resistant.

Single plane deck is acceptable but does take away from the "zero entry" feature available with the pool. This option is best if you are worried about splash out and rainwater from entering pool.

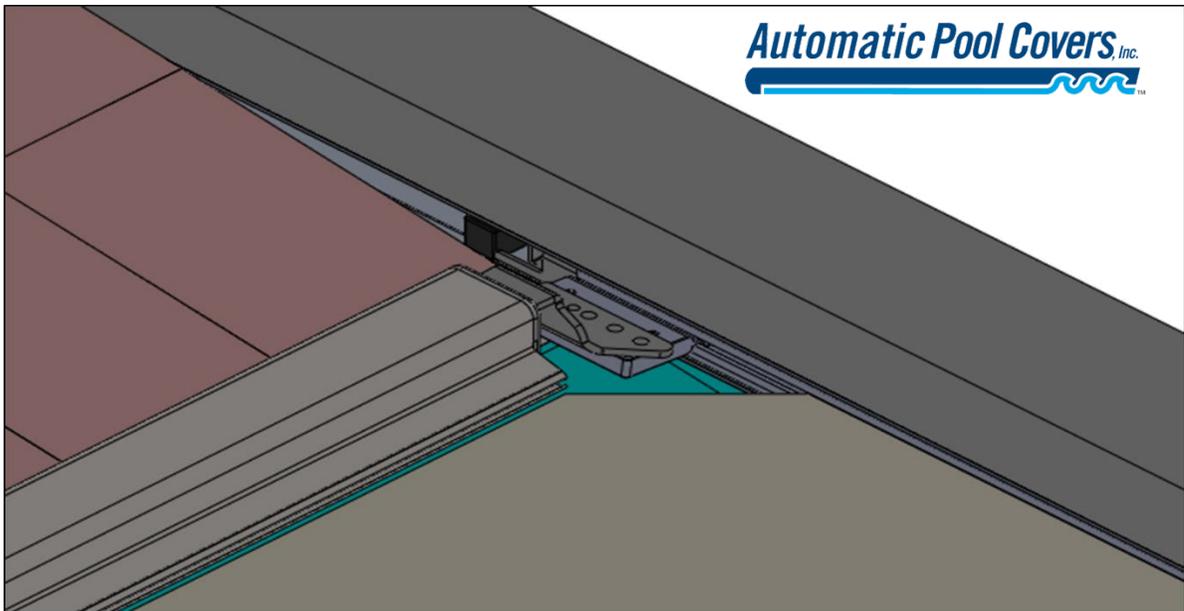
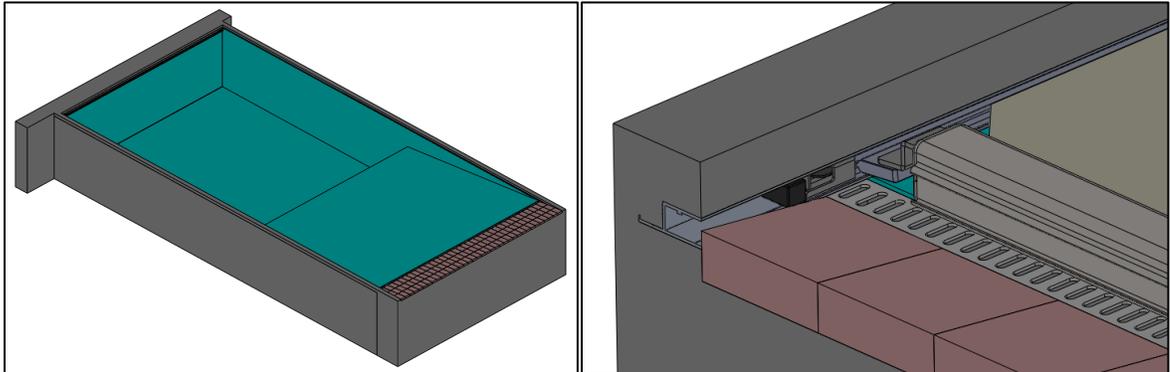
To create the "zero entry" feature you will need to continue the approximate 6.5 ° slope using cement or pavers.

The flange on the beach entrance area is 5" from top so sufficient thickness of concrete can be poured.

It is possible to add a standard 4" deck drain at the fiberglass – deck interface if desired.

STEP 6: AUTOMATIC COVERS. A standard top-track or flush mount automatic pool cover system can be used on any of the beach entry pool models.

An under-track automatic pool cover system can be used on the Grace Beach Entry pool models. The track will extend past the pool to where the slope of the sloping pool deck meets the top of your pool deck. Automatic Pool Covers, Inc. has worked closely with Thursday Pools LLC to design a mechanical stop for the leading-edge bar. See images below.



Concrete pour that allows for automatic pool cover to reach top of slope.



Concrete pour that allows for automatic pool cover to reach top of slope.

FAQ

WILL THERE BE A LOT OF ‘SPLASH OUT’? Perhaps, depends on water level, bather load, and activities of the pool. It should be considered and accounted for.

WILL RAIN WATER WASH INTO THE POOL? If you don’t use an automatic pool cover, of course. With a closed automatic pool cover, rain water may still wash into the pool. Perhaps you should consider installing a deck drain at the fiberglass – deck interface.

HOW MUCH OF A BEACH ENTRY WILL BE EXPOSED FIBERGLASS? It depends on skimmer location (have it at the top!) and level of water in the pool. Homeowners will have to keep water level up if they want less exposed fiberglass.

HOW HOT WILL THE SURFACE GET AT THE ENTRANCE OF THE POOL? The surface temperature of the exposed fiberglass depends on the color of the pool. Lighter colors heat up less. Dark pool colors will be hotter than lighter colors, which is why we are NOT allowing beach entry pool models in MAYA. Consider adding bubblers or deck jets to keep surface wet and cool.

WILL THE BEACH ENTRY BE SLIPPERY? The surface has a non-slip texture. Cleanliness of the surface and water chemistry may change the characteristics of the surface. For example, a higher pH will reduce the slip resistance of the texture. Maintain properly balanced pool water at all times as required in our owner’s manual.

ARE THE THURSDAY POOLS BEACH ENTRY POOL DESIGNS REALLY PATENTED? Yes, Thursday Pools has a design and utility patent pending with the US and Canadian Patent Offices. We are prepared to legally address any ‘copy-cats’.