

WARNING / ATTENTION/ AVISO

STOP!
READ
FIRST

**FIBERGLASS PERIMETER
OVERFLOW GUTTER
INSTALLATION INSTRUCTIONS**

Read Carefully BEFORE Installation

We recommend you use the two-pour method for rim-flow pools and a one-pour method for beach entry or zero depth applications. When the main shell of the pool is formed, leave a ledge wide enough to cover the beam, gutter and backside. Reinforcing should be inserted not to interfere with the gutter placement. As an example, if the gutter is 12 inches deep, make the pour an extra 2 inches, or 14 inches. This allows for the one inch flanges on the gutters and leveling devices such as inserts, blocks, or chips.

When the gutter is delivered, you will receive a drawing of the pool with each individual section marked, in a box marked "Open me first". The corresponding marks will also appear on each inside section of the gutter – i.e. A, B, C, etc.

The flanges are pre-drilled for insertion of stainless steel bolts that are supplied. Lay out the gutter to ensure all the sections are correct. For straight sections, make sure the section numbers are on the inside to ensure correct alignment. Connect the outlets to the plumbing leading to the collector tank. Set string lines for levels and the position of the inside edge of the gutter. Shore up the gutter with leveling devices to the approximate levels required. UNISTRUT fiberglassed into the bottom of the gutter is ideal for this function. Be sure to specify when ordering.

Do not bolt together at this point. Check that with the bolts inserted, the top lip lines up at each joint for later correct placement of the grates. It may be necessary to open the holes a little to facilitate alignment. **We also recommend that board be cut and placed into the gutter to protect it from the second pour.**

Apply the SIKA-FLEX 1A adhesive and sealant, which sets relatively quickly, and gives a structural bond. **A thick (wide) continuous bead is required.** The bead should be more towards the outside of the flange so any excess is not pushed into the gutter. If it does get into the gutter, wipe it off quickly and you may want to use mineral spirits. Once you start to use it, move from one joint to the next as quickly as possible. Insert the bolts, align the two sections and tighten firmly as quickly as possible.

Once the complete gutter is joined, shore up or adjust the UNISTRUT, if ordered, to ensure the level is correct, particularly on the inside edge of the gutter. At this point, fill and smooth out the joints on the inside of the gutter sections where they join with a silicone sealant. Then, block off the outlets, fill the gutter with water to make sure the levels are correct and that there are no leaks. Adjust any low or high spots but avoid any major movement of the gutter system at this stage. Once you are sure the levels are correct and the gutters are sealed, form up in front of the gutter and the rear, if necessary. Mud up under the gutter every 2 or 3 feet to fill in both under and up part of the sides (a cradle). When dry, this prevents movement of the gutter when pouring. Put the plywood spacers in, then pour around the gutter, leaving space for any beam tile or deck stone at the front and rear of the gutter. If you get the gutter dirty, use a pad or cloth with spirits to clean it.

For beach entry or zero depth applications, use the spacers to wire tie the gutter to the forming and reinforcing system, or pour a small footing to anchor using the UNISTRUTS. Joining, sealing and other recommendations apply.

Fiberglass has a thermal coefficient of expansion slightly higher than steel and about the same as aluminum. It can handle a little more movement than steel. Fiberglass has a low thermal conductivity that prevents heat build-up within the laminate, making the surface pleasant to touch in hot or cold ambient conditions. A unique property of fiberglass is that it is electrically transparent, and is an exceptionally good insulator.

Two people should be able to lay, join, and complete a 100 foot lineal length of the gutter as described above in two days.

Installation of the grates into the gutter system, follow that product's installation guidelines.

