

# INSTALLATION GUIDE

# ENCAPSULATION INSTRUCTIONS

For Gunite Pools

Pool builders prefer the encapsulation system over other methods because it makes for an easier installation, much more design flexibility and lower maintenance for the pool owner. Instead of drilling holes and attaching the cover track under a cantilevered deck when the pool is full, a special extrusion which encapsulates the cover track is attached to the top of the pool wall and the deck is formed around it for a “built-in”, almost invisible look. The track can also be removed from the encapsulation for service by removing the encapsulation spacer.

The gunite encapsulation kit includes encapsulation for both sides of the pool and the end wall (individual parts shown below). This kit should be used if you are forming your decking with a deck forming system.

### Gunite Encapsulation Kits

A2845 - 10" x 20"

A1210 - 16" x 32"

A1217 - 18" x 36"

A1224 - 20" x 40"

A1261 - 22" x 50"

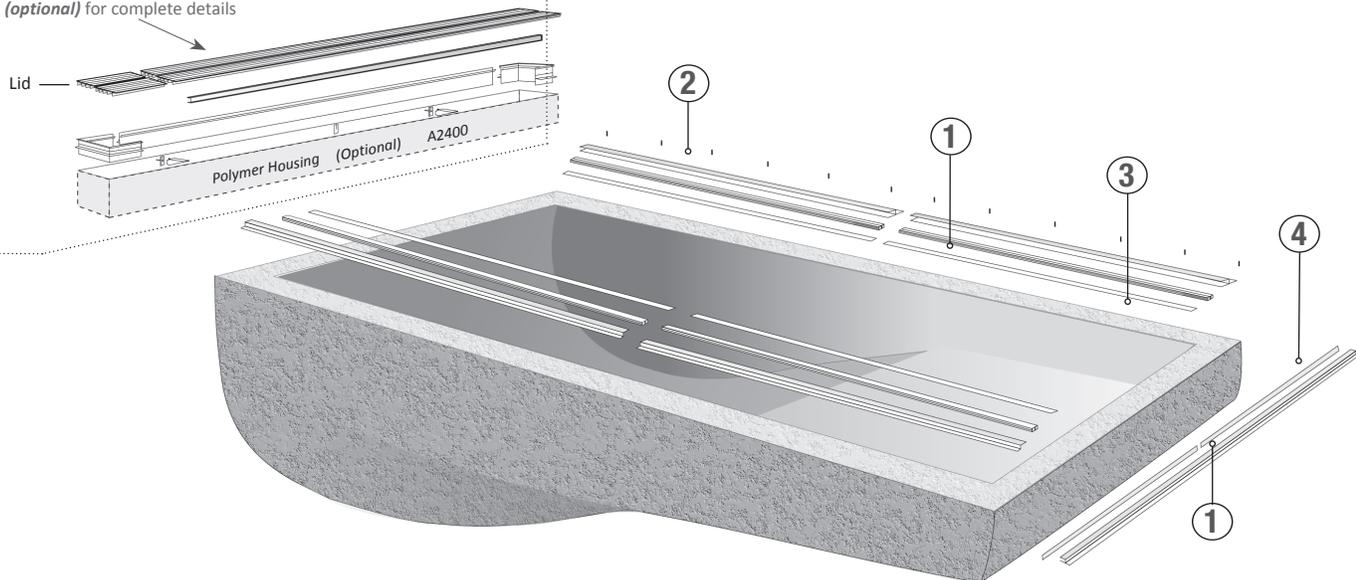
Part #	Description
1. X0651	Encapsulation UT 403, 21 ft.
2. A1729	Encapsulation Hardware kit
3. X0796	Spacer for gunite encapsulation
4. X0125	Encapsulation Metal Filler, 10 ft.
5. L9786	Encapsulation installation guide

### Tools Required

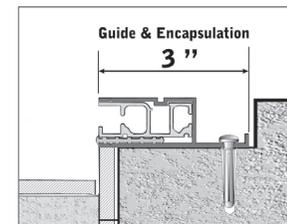
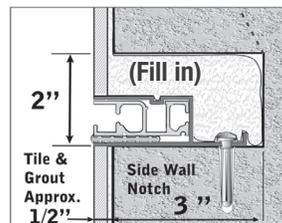
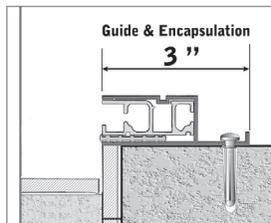
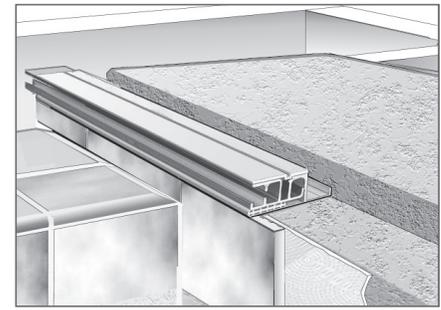
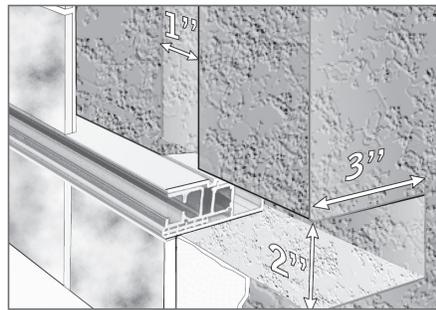
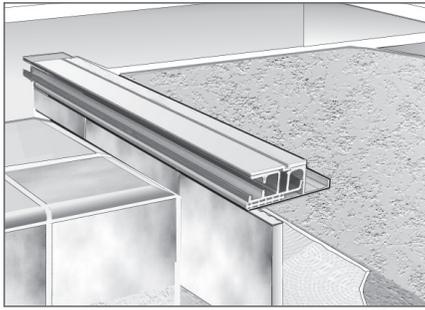
- Saw
- Hammer drill w/ 1/4" masonry bit.
- Cordless drill w/ #3 Phillips bit.



Refer to Riser & Lid Kit# A2420  
(optional) for complete details



## Gunite Encapsulation Placement Options & Deck Forming Options



### Typical Track Placement

The typical and preferred placement for the gunite encapsulation system is to set the encapsulation after tile or extending 1/2" beyond the gunite side wall. The side and end walls are the same elevation. End wall tile next to the cover track encapsulation (see above) is bevel cut to allow the cover and slider to operate properly. Since the end wall is not lowered in this option, the wall construction is easier and the cover housing accumulates less water when the pool is in use. When possible, it is suggested that you set tile and level the 3" surface behind it before mounting the encapsulation.

### Raised Walls

With the gunite encapsulation system no cantilever is required on the raised wall. Form a level notch in the raised bond beam for the encapsulation 3" deep and 2" high. This notch should be at the same elevation as the bottom of the encapsulation or standard track on the other side of the pool. Make a pocket hole 3" wide and approximately 12" high every 24" to 30" (see above) for the anchor and screws that attach the encapsulation to the pool wall. After the encapsulation is fastened to the pool wall, fill pocket holes with grout.

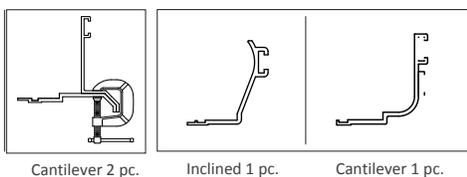
### Inset Track Option

Although the typical placement of the encapsulation is on top of the bond beam, some builders prefer to lower the encapsulation so that it is flush with the top of the bond beam. In these instances, a 1" x 3" notch is formed on the inside edge of the bond beam. The bond beam at the cover housing end of the pool must be lowered 2" (before tile).

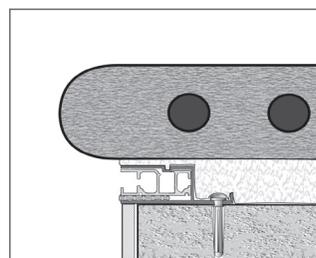
Regardless of the encapsulation mounting method that is used, it is recommended that the track and spacer be inserted into the encapsulation to prevent it from collapsing while the coping is poured. Coverstar offers an optional protector piece (X0765) that can be inserted into the track to keep the track clean during the plastering of the pool.

## Coping Options

### Reusable Coping Forms



Easy to use, one or two piece reusable forms are inserted into the encapsulation and held in place with a temporary spacer. After the deck is formed and cured, the spacers and the forms can be removed and cleaned for the next use.



### Brick & Stone Decking

The cover track encapsulation system works well with any brick or stone coping. Be sure to apply tape over the open face of the track encapsulation to block out debris and mortar during construction or use track protection cap, (Part# X0765). Strip away tape or the protection cap after coping and tile have been set. When using brick or stone coping, they should not cantilever more than 1 inch past the encapsulation.

## Step By Step Instructions



**1 Mortar A Level Mounting Bed** Mortar the top of the gunite walls so they have a 3" min flat, straight and level surface for the encapsulation to be mounted to.



**2 Square the Pool** It is recommended that the encapsulation be secured to the pool wall after the tile has been installed. If the encapsulation will be installed before tile, run string lines around the pool to create a perfectly rectangular pool.



**3 Place the Encapsulation** If encapsulation is installed before the tile, overhang the encapsulation 1/2" into the pool aligned with the string line. If the tile has already been installed, place the encapsulation flush with the tile.



**4 Miter the Corners** Begin at the end of the pool opposite the cover mechanism. Miter cut a 45 degree angle on the ends of two lengths of encapsulation. Place them together on the corner to form a 90 degree corner. Make the same cuts for the other corner of the pool. Continue placing lengths of encapsulation around the rest of the pool. Cut the encapsulation so it will extend 1 inch into the cover housing.



**5 Drill Holes in the Wall** Drill through the back flange of the encapsulation 2 1/2" deep. These holes should be placed every 24 - 30 inches.



**6 Tap in Anchors** Move the encapsulation back a few inches to expose holes. Insert plastic anchors into each hole.



**7 Fasten Encapsulation in Place** Place the encapsulation back over the holes and anchors. Secure the encapsulation to the pool walls by inserting a hex head screw and tightening with a drill. Tip: Install track and spacer in the encapsulation to help the encapsulation and corners line up straight while it is being secured to the pool wall.



**8 Optional Raised Wall with Pocket Holes** Pools with a raised wall need a cavity large enough to accept the encapsulation (3"x 2") and should have pocket holes formed to allow it to the encapsulation to be screwed into place.



**9 Optional Raised Wall** Pools with raised walls can also be formed with a three inch ledge. The encapsulation is anchored to the ledge, allowing stone to be set in place on top of the encapsulation. It is important that the track and spacer be inserted into the encapsulation to prevent it from collapsing.