

INSTALLATION GUIDE

ENCAPSULATION INSTRUCTIONS

Standard Vinyl Liner
One Piece Vinyl Liner Encapsulation

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 encapsulation kit for Vinyl Liner Pools includes encapsulation for both sides of the pool and the end wall (individual parts shown below). These kits can be used with the reusable coping forming kits or clip on rounded.

Part #	Description
1.	X0650 Encapsulation 403 vinyl liner 21 ft.
2.	X0945 Wall Cap 309 with VL 20 ft 1 inch
3.	X0091 Spacer for encapsulated track 404, 801 light gray 21 ft
4.	X0125 Encapsulation filler metal 10 ft. for 403 or 801 encapsulation
5.	A1721 60 pk Screw HHW tek #10 x 1" zinc
6.	A2891 10 pk Screw HHW tek #12 SS (for wall cap)

Tools Required

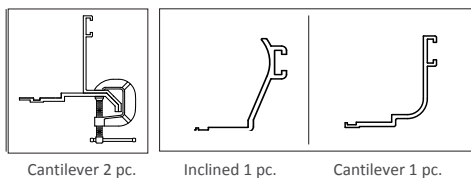
- Miter Saw
- Hammer drill w/ 1/4" masonry bit
- Cordless drill w/ #3 Phillips bit

Standard Vinyl Liner Encapsulation Kits

- A1213 - 16" x 32"
- A1220 - 18" x 36"
- A1227 - 20" x 40"
- A1264 - 22" x 50"



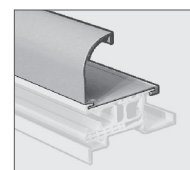
Reusable Coping Forms



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.



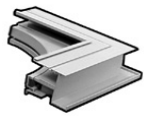




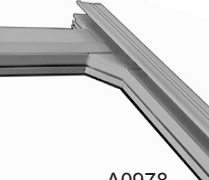
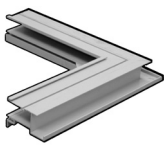
Clip-on Coping

Compatible with Standard Vinyl Liner and Fiberglass Encapsulation. Permanent clip-on coping available in and around shape.



Standard Corner Options

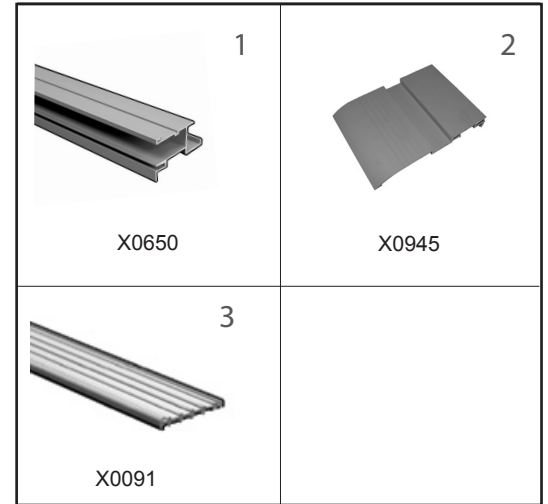
The Vinyl Liner Encapsulation System has four different corner options. You can simply miter cut the standard track encapsulation that comes with the cover system for a 90 degree square corner, or choose from the three other pre-made corner options - 3" chopped, 6" radius or 2' radius corners.

Mechanism End		Non-mech End
A	B	C
 A0971	 A0972	 A0973
 A0974	 A0975	 A0976
 A0977	 A0978	 A0979

6" Radius

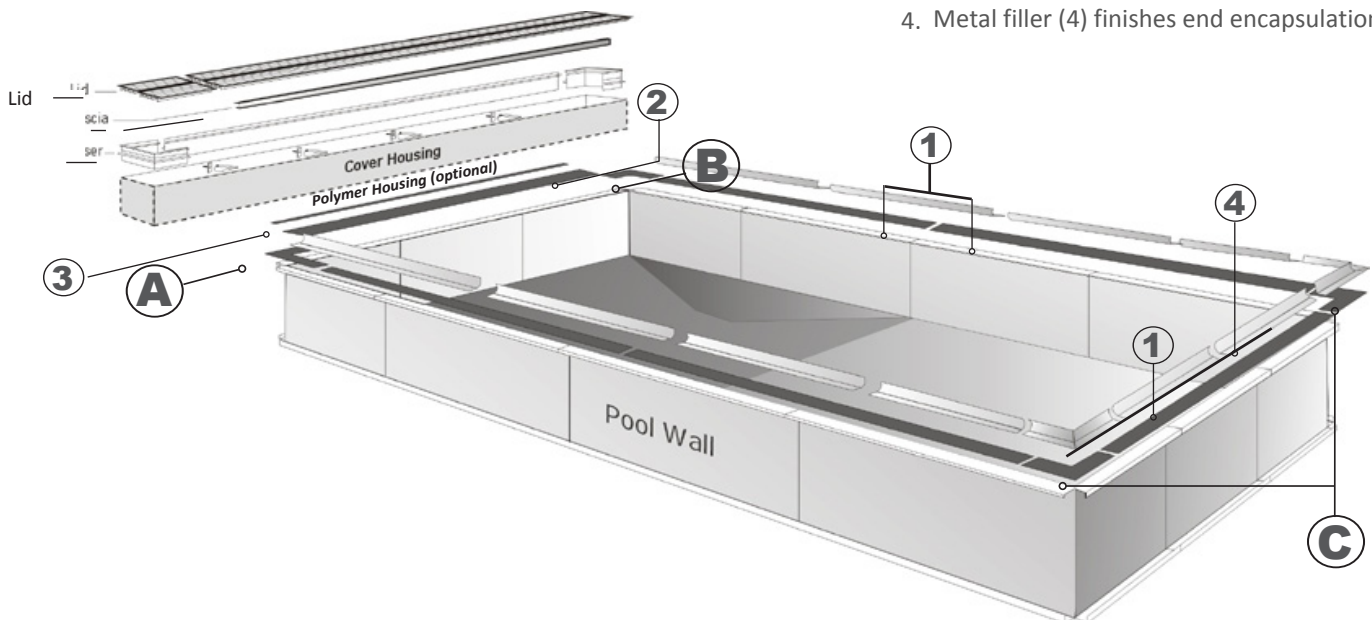
2' Radius

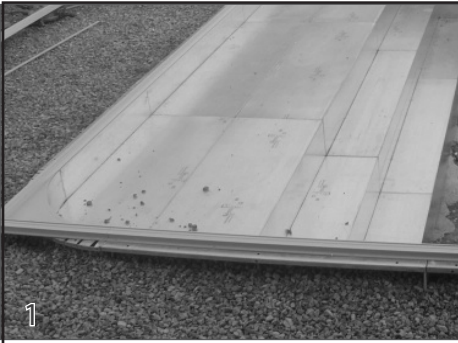
3" Chopped



Installation Steps

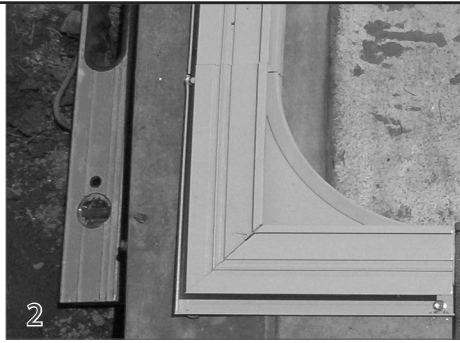
1. Position corners (A,B,C) on pool
2. Cut straight lengths (1) to fill between Metal
3. Filler (4) covers the screw down channel
4. Metal filler (4) finishes end encapsulation





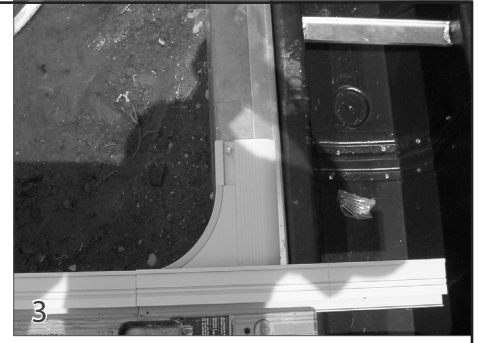
Install Encapsulation/Corners

When installing encapsulation on a vinyl liner pool, begin in the corners. If the pool includes 90 degree corners, miter cut two lengths of encapsulation on a 45 degree angle. Bring the two lengths together to create the 90 degree corner. When using 90 degree corners, you must use liner lock to secure the liner to the encapsulation.



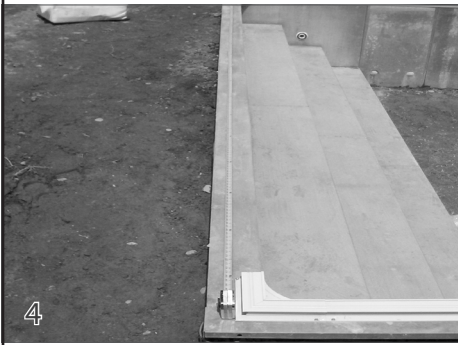
Installing Radius Corners

If the pool includes radius corners, attach the premade radius corners to the pool wall using 1 inch tek screws. 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.



Place Corners at the Mechanism End

Place the radius corners in their position over the corner at the mechanism end of the pool. Secure the corners to the wall using 1 inch tek screws.



Place the encapsulation measure between the radius corners and cut a length of encapsulation to fill in between the corners on the shallow end of the pool.



Install a length of encapsulation from the corner along the side of the pool. Secure it to the pool wall using 1 inch tek screws.

Be sure to check the track space, track length and diagonal measurements to be sure the encapsulation is square.

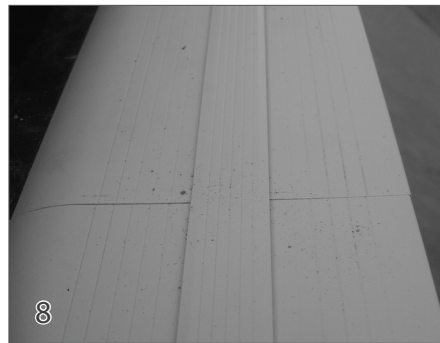


Continue measuring and cutting the encapsulation to fill in all around the pool.



Install Wall Cap

Measure for the length of the wall cap. Use a miter saw to cut it to the correct length. Use the 1 inch SS tek screws provided to secure it to the pool wall.



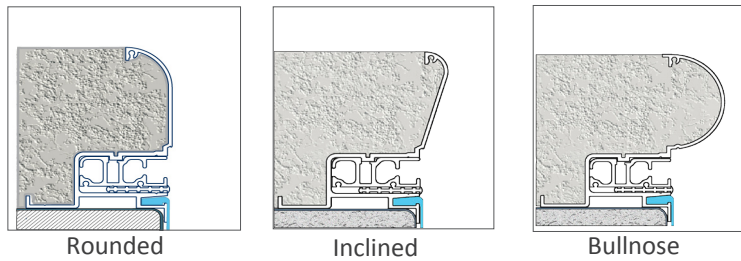
Install Metal Filler in Wall Cap The metal filler pieces, which are 10 ft long, will snap into place to cover the screw channel in the wall cap. After measuring and cutting the metal filler to the correct length, use a rubber mallet to tap them into position.



Install Metal Filler in Encapsulation The same metal filler piece that is used to cover the screw channel on the wall cap is also used to cover the track channel in the encapsulation at the shallow end of the pool. After measuring and cutting the metal filler to the correct length, use a rubber mallet to tap them into position.

One Piece Vinyl Liner Encapsulation

One Piece Encapsulation kits are available with a Rounded, Inclined or Bullnose coping shapes. Pre-made corner pieces are required when using this encapsulation.



Corner Options

The One Piece Vinyl Liner Encapsulation System has four different corner options: 90 degree, 3" chopped, 6" radius or 2' radius corners. When using 90 degree corners, you will need to use liner lock to lock the liner bead into the bead receiver.

One Piece Encapsulation Kits

The encapsulation that is included in the one piece encapsulation kits are cut into different lengths according to the information below.

16 x 32	18 x 36	20 x 40	22 x 50
(2) 16 ft 2 in	(5) 12 ft 2 in	(1) 12 ft 2 in	(7) 6 ft 2 in
(3) 12 ft 2 in		(5) 16 ft 2 in	

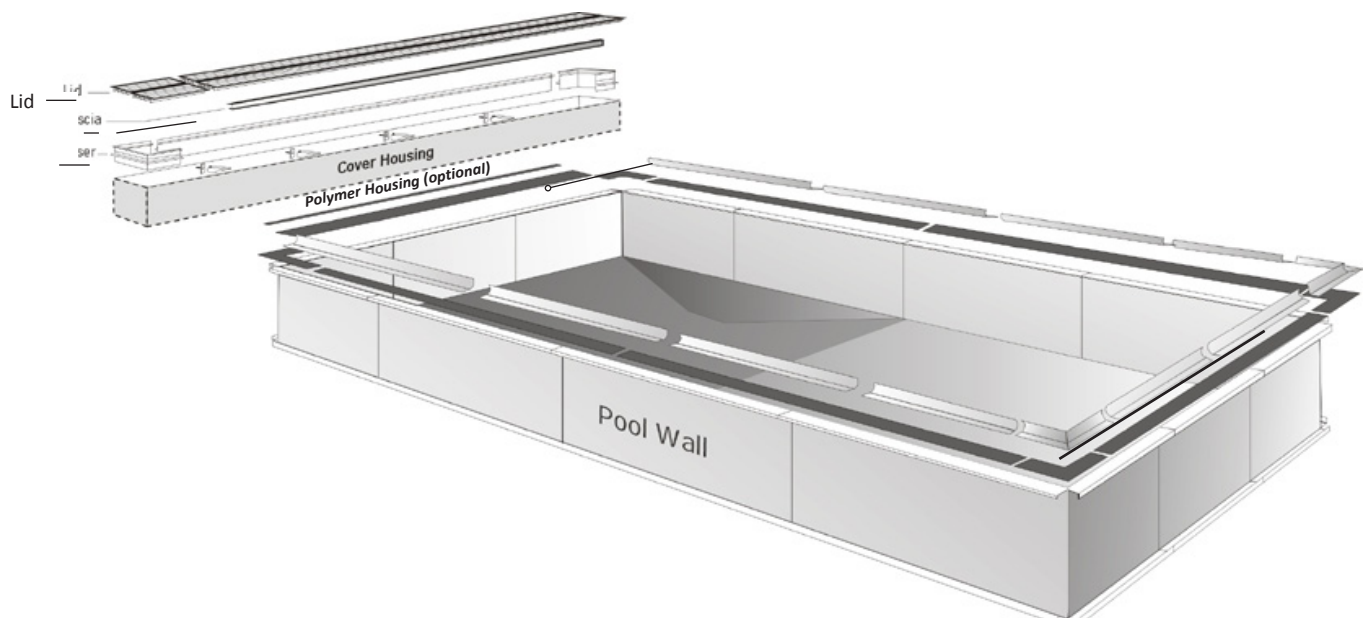
Because the encapsulation comes in different lengths in some of the kits, it is important to lay them out around the pool before actually securing them to the pool. Doing this will allow the encapsulation to be positioned correctly on the pool walls so the joints between the lengths of encapsulation will be lined up from one side of the pool to the other. This will also make sure the appropriate length of encapsulation is used along the shallow end of the pool.

Tools Required

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

Installation Steps

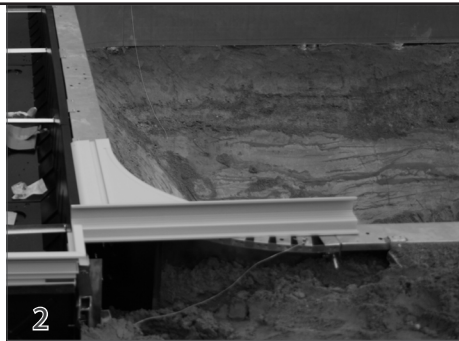
1. Position corners on pool walls
2. Cut straight lengths to fill between
3. Metal filler covers the screw down channel in
4. Metal filler finishes end encapsulation





1

Place Corners at the Shallow End When installing one piece encapsulation on a vinyl liner pool, begin in the corners. Attach the pre-made radius corners to the pool wall using 1 inch tek screws.



2

Place Corners at the Mechanism End Place the radius corners in their position over the corner at the mechanism end of the pool. Secure the corners to the wall using 1 inch tek screws. Cut the encapsulation on the radius corner so it will extend 1 inch into the cover housing.



3

Install the Encapsulation

Measure between the radius corners and cut a length of encapsulation to fill in between the corners on the shallow end of the pool.



4

Install a length of encapsulation along the side of the pool. Secure it to the pool wall using 1 inch tek screws.

Be sure to check the track space, track length and diagonal measurements to be sure the encapsulation is square.



5

Continue measuring and cutting the encapsulation to fill in all around the pool.



6

Install Wall Cap

Measure for the length of the wall cap. Use a miter saw to cut it to the correct length. Use the 1 inch SS tek screws provided to secure it to the wall.



7

Install Metal Filler in Wall Cap

The metal filler pieces, which come in 10 ft lengths, will snap into place to cover the screw channel in the wall cap. After measuring and cutting the metal filler to the correct length, use a rubber mallet to tap them into position.



8

Install Metal Filler in Encapsulation

The same metal filler piece that is used to cover the screw channel on the wall cap is also used to cover the track channel in the encapsulation at the shallow end of the pool. After measuring and cutting the metal filler to the correct length, use a rubber mallet to tap them into position.



9

Install Coping Clips

Install coping clips over the splices in the encapsulation. To install the coping clip, hook them on the bottom of the coping profile, then press it into place on the coping face. The coping clip will lock into a groove along the bottom of the coping and wrap around the top edge of the coping.