

ENCAPSULATION INSTALLATION

Check the top of the pool walls. Make sure that they are level and free of cement pieces that would prevent the encapsulation (track receiver) from sitting flat and level on the pool wall. Top of pool walls must be level and true for proper encapsulation mounting. It is often best to nail a level board around the inside walls of the pool and brown coat (plaster) the top of the rough gunite wall to give a true level surface on which to mount the encapsulation.

Lay the encapsulation on the side walls and end wall where they will be installed. Start with the shallow end of the pool, or the end opposite the mechanism end of the pool. Miter the ends of the encapsulation on a 45 degree angle so the encapsulation on the end wall will be tight against the encapsulation on the side walls. It is also acceptable to form a 90 degree corner by running the side wall encapsulation 2" past the gunite end wall and then butting the end wall encapsulation up to it. **Be sure to tape over this joint so that no mortar or mortar "juice" can seep into the encapsulation during construction!** Run the encapsulation along the side walls and cut it so that it sticks into mechanism pit three inches. The encapsulation and track overhang into the pit will be trimmed to the proper length later during fabric cover installation. To ensure the encapsulation being installed straight, run a string line along the encapsulation.

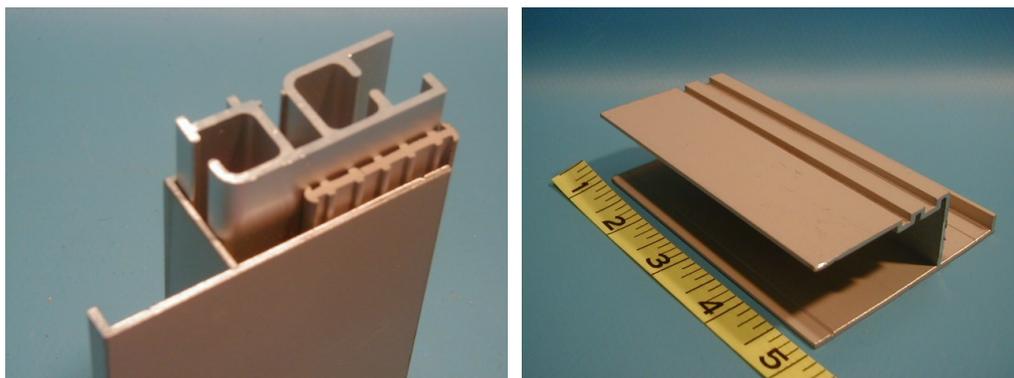


The encapsulation should hang off the pool wall 1/2" – 5/8" so that the tile will be flush with the front side of the encapsulation. If the gunite walls are slightly out of square you may have this overhang vary so that after brown coat and tile the pool (and cover tracks) will be a true rectangle.

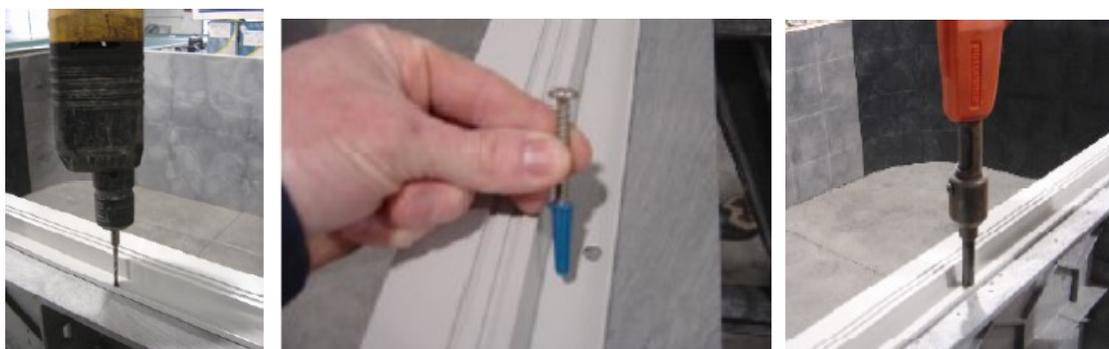


Before securing the encapsulation to the gunite, place the track in the encapsulation and lock it into place with the plastic spacer so that it holds the encapsulation pieces in exact alignment. Make sure that the meeting place of the track pieces is staggered from the meeting place of the encapsulation pieces so that the track holds the encapsulation in true alignment. For example, if the total encapsulation length is 40' you will be using a full 22' length of encapsulation and an 18' piece. When placing the track in the encapsulation start the full 22' length of track at the cutoff end of the encapsulation in the mechanism pit so that it will run well past the encapsulation joint, with the 18' piece of track finishing up at the far end of the pool. **Once again, tape over this butt joint in the encapsulation so that no mortar "juice" can seep into the joint during construction!**

The track fits into the encapsulation with the two enclosed rope channels of the track towards the rear of the encapsulation and the open slider channel of the track towards the front, with the lip of the slider channel pointing upwards. Close examination of the track will show you that this will allow the two protruding ridges at the top rear of the track to lock into the corresponding slots in the inside top rear of the encapsulation. If the track is placed upside down or backwards into the receiver it will not lock in properly and the plastic spacer, which should slide in easily underneath the track, will not fit properly.



To secure the encapsulation to the pool wall, two different methods can be used: (1) using a hammer drill and a $\frac{1}{4}$ " x 6" bit, drill through the back flange of the encapsulation and into the concrete wall. Be sure to drill the hole at least 3" deep. Insert plastic anchors and secure to wall using 1 $\frac{1}{2}$ " pan head screws. Place the screws about every 2ft. (2) A ramset gun may also be used. Using 1" – 1 $\frac{1}{2}$ " nails and #3 powder, shoot the nails through the back flange of the encapsulation and into the concrete. Shoot the nails about every 2ft. Which ever option is used, it is helpful if the encapsulation is lightly stepped on to hold it in position while it is being screwed or nailed.



When the encapsulation and track assembly has been installed be sure to protect the track from contamination by mortar or plaster during the rest of the pool construction by using the plastic protector strips. Snap the protectors into the track first, and then insert the gray plastic spacer between the bottom of the track and the encapsulation. Let the longer plastic lip of the spacer point upward so that the tile can be grouted right up to the bottom of the encapsulation. When the pool is finished and the fabric cover is installed the protector strips will be removed and the spacer will be inserted with the long lip pointing downward to cover the bottom edge of the encapsulation. **Protecting the track during construction is VERY IMPORTANT!!! If mortar or plaster gets into the track from the front or through untaped joints during construction it may permanently lock the track into the encapsulation and finished coping may have to be torn out to replace the encapsulation and track!!**

Questions? Call Superior Pool Covers at 1-503-829-8767