



Above Ground Pool Installation Budget Planner

There are just a few things to price out to have a full understanding of how much a self-install will cost.

Sand

See the attached mason sand recommendations either for a round or oval pool. Sand prices can vary widely even within a local area so call a few places that sell landscaping materials. If they sell mason sand by the yard, that is 1.25 tons per yard. If you have a place nearby that mines sand, they are generally the cheapest. Mason sand costs between 15-75 dollars a ton depending on where you live. If there is a delivery fee incorporate that into your quote.

Blocks

Blocks are countersunk under each upright and at two points on the buttresses for ovals. See attached for the number of blocks you need. 2*8*16-inch blocks are recommended and cost anywhere from 1.50 to 3 per block, and you can pick them up from Home Depot or Lowes.

Excavation

If you are excavating the pool yourself than there is no expense. If you are paying an excavator Pool O Tool Installation School has a great formula and instructional video for the excavator to follow that will take you halfway through Chapter 1 of the tutorial and leave you only 8 hours of work before the installation is complete. Be sure to check the excavators work before moving forward with the installation.

Rotatory Laser and Receiver Rental

A laser or transit level can save you hours of work and ensure the foundation is level. You can rent them for 60-100 dollars a day from Home Depot or Lowes.

Pool O Tool Installation School

The Installation School is only 50 dollars and will save you time, headaches, and improve the quality of yourself install.

Before an excavation expense a good rule of thumb is that you will be saving 90 percent on your pool installation when you add all these expenses up.



Mason Sand and Block Recommendations for Round Pools

Here are the sand recommendations for pools within an inch and half out of level. The mason sand should be min. 1.5 inches thick, and the sand cove should be around 4 inches high above the bottom track against the pool wall.

For pools with a foam cove, the cove sand is not necessary.

If you have a foam cove, the addendum for those step are in Ch 2 Section 2

Pool Size	Total Tons of Mason Sand	Cove Sand LBS	Foundation Sand (tons)	Blocks
33	6	2500-3200	4.5	22-24
30	5	2000-2600	4	20-22
27	4	1600-2200	3	18-20
24	3	1200-1600	2.5	16-18
21	2	800-1200	1.5	14-16
18	1.5	600-900	1	12-14
15	1	400-600	.75	10-12



Mason Sand and Block Recommendations for oval pools

Here are the mason sand recommendations for pools within an inch and half out of level. The sand should be min. 1.5 inches thick, and the sand cove should be around 4 inches high above the bottom track against the pool wall.

For pools with a foam cove, the cove sand is not necessary.

The foundation sand includes what you need for “stuffing” the buttresses, however, there are multiple styles of pools, and this does not account for all of them.

Pool Size	Total Tons of Mason Sand	Cove Sand LBS	Foundation Sand (tons)	Blocks
21*42	6.5	2500-3200	5	28-32
18*33	5	1600-2200	4	20-24
15*30	3.5	1200-1600	3	18-22
12*23	2	800-1200	1.5	14-18