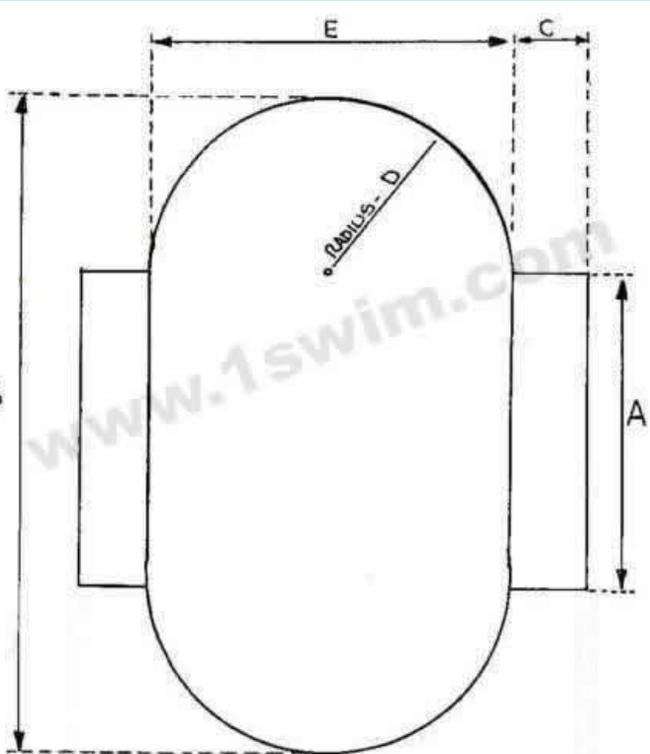# Instructions for Sinking your Above Ground Pool

Sinking your pool into the ground will create an in-ground pool for a fraction of the cost of a classic pool. In a nutshell all you do is dig a hole with a gap of about 1 foot or 300mm all round where the pool is going to be. Erect the pool at the bottom of the excavation and fill it with water in the normal way, to stiffen the walls. Then put some polystyrene sheets behind the walls, to protect them and provide thermal insulation. Finally you simply backfill with a lean mix of sand and cement. That's it, more or less.

The table and diagram show the area required for a typical oval pool standing up on top of the ground. Dimension C is required for the side supporting structure. For conventional braces this is about 3' each side.

Braceless pools have supports just below the floor of the pool which only stick out about 1.5' either side.

When excavating for in the ground or partly in-ground installation, add about 6 to 12 inches to these dimensions, leaving a space all round the pool approximately 1' wide.

Simply erect the pool according to the manufacturers instructions, as if the pool was on the ground. **Then fill the pool so that it is completely rigid with water**.

Any parts of the pool wall & side support framework that will be buried should be coated with a bitumen type paint. This is to protect against scratches exposing bare metal and leading to corrosion. Be careful not to get any paint near the liner. Place sheets of 1" thick polystyrene around the pool wall. This will ensure that no cement or sand makes contact with the wall. It will also help to insulate the pool. Similar sheets (such as 'Jablite') may also be used if desired for the base of the pool, between the liner and the ground.

POOL SIZE	18ft x 12ft (5.49mx 3.66m)	24ft x 12ft (7.32m x 3.66m)	30ft x 15ft (9.14m x 4.57m)	32ft x 16ft (9.75m x 4.88m)
DIMENSION-A	7ft (2.13m)	13ft (3.96m)	16ft (4.88m)	17ft (5.18m)
DIMENSION-B	19ft (5.79m)	25ft (7.62m)	31ft (9.45m)	33ft (10.06m)
DIMENSION-C	3ft (0.91m)	3ft (0.91m)	3ft (0.91m)	3ft (0.91m)
DIMENSION-D	7ft (2.13m)	7ft (2.13m)	8ft 6in (2.59m)	9ft (2.74m)
DIMENSION-E	13ft (3.96m)	13ft (3.96m)	16ft (4.88m)	17ft (5.18m)
DIMENSION-F	19ft (5.79m)	19ft (5.79m)	22ft (6.71m)	23ft (7.01m)

Now mix a dry lean mix of sand and cement, and pour it between the polystyrene and earth around both the curved ends and the straight sides. If the over-dig at the sides would result in too much lean mix being needed, you can, if you like, place plywood shuttering along the straight sides as shown in the diagram.

The sand and cement will set hard in time, forming an earth retaining wall to eliminate outside pressure damaging the structure should the pool need to be emptied. Without it, soil around the pool could cave in the sides, once the pressure from the water inside the pool has been removed. Finally the area around the side supports can be filled with earth.

Please note that, whilst all our above ground pools come with generous manufacturers warranties, these will be void if the pool is damaged by incorrect installation or use, including sinking without a proper earth retaining wall.

This method is only suitable for rigid luxury steel wall & liner pools. **Splasher pools etc. can NOT be sunk in the ground.**

Step By Step Instructions

Step 1 Firstly dig out for your pool allowing room to work around it, begin to build the Com-pac support system.

Step 2 Put the com- pac support systems in the ground, then level the ground removing all sharp objects.

Step 3 Lay the bottom rails round the pool the add the verticals.

Step 4 Now its time for your pool to begin to take shape, install the wall.

Step 5 Fit the top rail

Step 6 Hang the liner in position and begin to fill the pool.

Step 7 Once the pool is full of water, connect the filteration.

Step 8 Landscape to your choice.

A G Budget

Please do not hesitate to get in touch if you require further information or assistance – we will be more than happy to help.