

## HOW TO DETERMINE THE NUMBER OF FOAM CUBES NEEDED TO FILL AN IN-GROUND LANDING PIT

- 1) You need the dimensions of the in-ground pit (Length, Width and Depth)
- 2) Determine the cubic area of the pit in feet (Multiply L X W X D)
- 3) Multiple this sum total by 0.7 to account for the air between the cubes. Remember, the cubes do not stack in there neatly!
- 4) If using 6" foam cubes, multiply this number by "8". If using 8" foam cubes, multiply this number by "3.33".

Here is an example:

You have built an in-ground pit that is 6' Wide, 12' Long and 6' Deep. You want to know how many 6" foam cubes are needed or how many 8" foam cubes are needed.

1. You need the cubic area of the pit in feet  
 $6 \times 12 \times 6 = 432$  cubic feet
2. Multiply that by .7 to allocate for air between the cubes.  
 $432 \times .7 = 302.40$
3. For 6" foam cubes, multiply this sum by "8"  
 $302.40 \times 8 = 2,419$  six-inch foam cubes needed to fill this pit.
4. For 8" foam cubes, multiply this sum by "3.33"  
 $302.40 \times 3.33 = 1,007$  eight-inch foam cubes needed to fill this pit.