

# The Revolutionary I-Beam Brace

## Worlds Strongest Pool Wall Brace

For the past 38 years  
the weight and  
reputation of every  
Concord in-ground pool  
has rested on its walls!

The problem with traditional steel pool construction is the "live load" or tons of weight from the pool deck and surrounding soil that constantly presses down and inward on the walls.

At Concord Pools we use our patented I-beam Brace to better and evenly distribute this weight down to the footings. We took the load off the walls, and put it on the sturdy, broad shoulders of a series of I-beam braces, which surround the perimeter of the pool. Each I-beam brace is attached in six places up and down the entire height of the wall. Then, we fill the I-beam with solid concrete, making them an integral part of a one-piece foundation

system. Virtually no weight rests on the pool walls. The live load is evenly distributed over the entire support system from braces right down to the concrete footings, as in bridge construction. This breakthrough technique yields an extraordinary 4000 pounds or more of support.

### Traditional Steel Pool Construction

