

Concrete shrinkage calculation

Former Progress Dry Cleaners

8602 SW Hall Boulevard, Beaverton OR

Concrete normally shrinks about 520 to 780 millionths when it dries, according to these sources:

http://www.cement.org/tech/cct_floors_shrinkage.asp

<http://www.forconstructionpros.com/article/10116785/minimize-shrinkage-minimize-cracking>

1,000,000 millionths per million

12 inches / foot

25.4 mm / inch

520 millionths, low estimate

780 millionths, high estimate

650 millionths, middle point

650	650	millionths of shrinkage
0.00065	0.00065	fractional shrinkage
9	15	feet, approx dimensions of excavation
108	180	inches, approx dimensions of excavation
0.07	0.12	inches of shrinkage
0.04	0.06	inches of shrinkage on each side
0.89	1.49	mm of shrinkage on each side