

## Standard Concrete Mix

Make the mix: 4 gravels: to 1 cement. If using coarse sand make it, 3 sands: to 1 cement.

Add a teaspoon of dish detergent to each bucket of water. Mix the brew thoroughly and make it firm, not sloppy.

### ***KIM. WATER PROOFING PRODUCT:***

Add KIM powder to the concrete brews, *if you are pouring the hearth*. 1 Punnet of KIM, is a sufficient amount to mix with one 40kg bag of cement. If your concrete mixer is capable of holding about quarter of a bag of cement, then put a quarter of the KIM in with the mix. Place the KIM into the mixer *when* you put the cement in. Let the mixer turn for 10 minutes to ensure KIM is evenly dispersed into your mix. It takes 3-4 concrete mixer loads to do an average hearth. It is important the last brew you put on top of your hearth has a good ratio of KIM additive. So don't use up all the KIM on your first brews. The top one is the most important. This will keep rain water from soaking into your hearth.