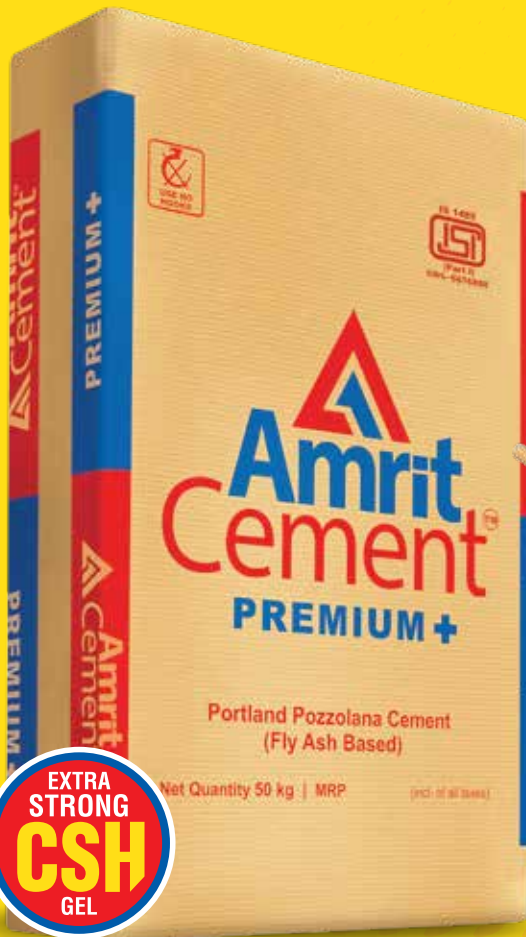


# PREPARATION OF CONCRETE

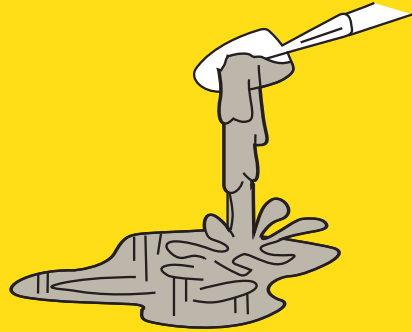


## PREPARATION OF CONCRETE (dhalaimashla)

To prepare concrete of M20 grade suitable for RCC, mix one part of cement, 1 1/2 parts of sand and 3 parts of crushed stone with water and mix thoroughly to make it homogeneous. Water should be added as per required workability or as directed by a technical person. Never use excess water to make the mix more workable.



Never add just water



Never make the concrete too sloppy or wet



Never make the concrete too stiff or dry

Use a mixer machine to prepare concrete and it is advisable to prepare the mix in small batches, enough to meet your immediate requirements. This will ensure that concrete prepared will be consistent in strength and quality but will also prevent it from setting before intended for use.

If concrete is mixed by hand, do it over cement brick floor or iron sheet on firm ground free from dirt, mud and other foreign materials.

Cement should be procured from authorized sources which assures the quality of the cement.

It is always better to use fresh cement for construction as with time, unused cement loses strength.