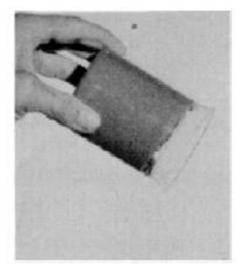
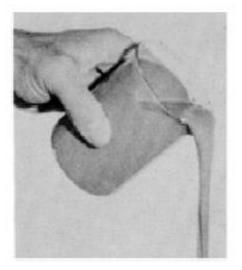
SUPERPLASTICISER ADDITION – BEFORE & AFTER AFFECT



No workability without

superplasticiser

Improved workability with superplasticiser



FRESH CONCRETE / PLASTIC CONCRETE – REQUIREMENTS

ale.co.uk Usually concrete mix is designed to achieve ally on desired properties while generally following are the seven basic requirement what a tresh mix mould meet:

- 1. Consistency (register of wetness) required for proper mixing.
- 2. Onito Pain required for m for mixing within batches & between batches
- 3. Flowbility required to flow into formwork & around rebar (congested reinforcement formwork)
- 4. Pumpbility required to pump cohesive mix for placement (vertical, horizontal & long distances)
- 5. Compactibility required for compacting fresh concrete in place with ease
- 6. Stability free from segregation of ingredients during transporting, placing & compacting
- 7. Finishability finishing surface with

HARDENED CONCRETE - REQUIREMENTS

Following are the keen parameters of hardened concrete:

- 1. Compressive strength
- 2. Tensile strength
- 3. Flexural strength (compressive/tensile)
- 4. Shear strength
- 5. Impact strength