

SODIUM GLUCOHEPTONATE

CONCRETE

The addition of small amounts of sodium glucoheptonate to concrete admixtures has profound effects on controlling the setting time. This results in improved plasticity and cohesion of the wet mix. In addition, the glucoheptonate affects the rate of hardening of the cement which results in an increased development of strength. Sodium glucoheptonate produces a permanent increase in the cement volume; and also, inhibits corrosion of the metal used in the re-inforced concrete.

The above desired features,

- Excellent plasticity
- Increased compressive strength
- Permanent increase in volume



are achieved with a lower than normal water to cement ratio.