

LS-100

(water reducing, superplasticiser for concretes)

LS-100 is an synthetic polymer designed to increase workability of concrete systems. LS-100 is water reducing & workability improving agent it can be used in following types of concrete like Ready mixed concrete, complex reinforced sections, Long-distance transporting of concrete. LS-100 has good compatibility with concrete made from fly ash.

TECHNICAL DATA

Appearance	: Brown Liquid
pH	: 7-8
Viscosity (cps)	: 150-250
Solid Content	: 40 % ± 1 %

ADVANTAGES :

- ❑ Improved workability and rheology for longer times.
- ❑ Improves strength.
- ❑ Reduced water content for a given workability.
- ❑ Higher ultimate strengths.
- ❑ Better finishing of concrete
- ❑ Chloride free .

APPLICATION: LS-100 is a ready-to-use liquid which is dispensed into the concrete together with the mixing water. The optimum dosage of LS-100 should be determined by control trials. It is recommended to add LS-100 in 500 ml to 1500 ml to 100 Kg Cement.

COMPATIBILITY: LS-100 is compatible with other admixture such as water-reducing admixtures, air entrainers, accelerators, retarders, extended set-control admixtures, corrosion inhibitors, and shrinkage reducers. LS-100 is also compatible with concrete made from fly ash.

SHELF LIFE: LS-100 has shelf life of 1 year, It is recommended to store under cover, out of direct sunlight and protect from extremes of temperatures.

OVER DOSING: Over dosing of LS-100 will result in very high workability and some retardation of setting time will occur. However, the ultimate compressive strength will not be impaired.

PACKING: LS-100 is supplied in 5, 20, 200 kg drums.

RUKHMINI CHEMICAL WORKS

Office: 201, Highway Castle, Near Maruti-Suzuki Showroom,
Amravati road, NAGPUR 440030, Phone: +91-712-6454598,
E-mail: rukminicoatings@gmail.com,
Web: <http://www.rukhmini.co.in>

