

UNIVER WS-LST

High performance new generation superplasticizer

Advanced polycarboxylate based superplasticizer for high performance concrete

UNIVER WS-LST is an advanced polycarboxylate polymer based superplasticizer which has excellent water reduction performance and good flow-ability. Especially it is good for low stickiness concrete along with minimizing the need for adjustment of slump retention.

UNIVER WS-LST has more powerful dispersing effect and shows high water reduction with excellent fluidity retention performance without causing retardation.

Physical Properties

Physical Properties of WS-LST	
Appearance	Light yellow liquid
Odour	Characteristic
Total Solid Contents, %	50%(w/w), approx
pH(undiluted)	6.5
Specific Gravity	1.25 (25℃)
Viscosity, Brookfield Viscometer, cps	400 (25℃)

Applications

The excellent dispersing effect makes it possible to give extremely high water reductions. Using UNIVER WS-LST is the best choice for high strength concrete and pre-cast.

- High-performance concrete
- High-strength concrete
- Pre-cast plants
- Self-compacting concrete

Advantages

- High strength concrete by reducing W/C ratio.
- Reduction of labor and energy costs by high workability of concrete
- Higher durability from improved strength

Typical dosage

The recommended dosage range of UNIVER WS-LST is 0.2~1.0 litres/100 kg of binders. But the optimum dosage of UNIVER WS-LST may depend on specific requirements of concrete properties and materials. The optimum dosage of UNIVER WS-LST should be determined by trials using the materials and conditions.

Storage and Handling

UNIVER WS-LST should be stored between 0℃ to 40℃. If stored in original unopened containers it will have a shelf life of 12 months. If WS-LST become frozen, the properties of WS-LST can be homogenized by thorough agitation of the completely thawed product.

Packaging

UNIVER WS-LST is available in bulk supply,
1,100 kgs/IBC or 230 kgs/drum.

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