

# UNIVER WS-LST 55

## High performance new generation superplasticizer

Univer WS-LST 55 is advanced polycarboxylate based superplasticizer for high performance concrete

Univer WS-LST 55 is a high range water reducing polycarboxylate polymer which performs outstanding water reduction as well as reasonable retention performance. Univer WS-LST 55 would be recommendable to be used an ultra-high strength concrete where the stickiness of the concrete would be a key factor.

It is also highly recommended to be used for a concrete containing FA, Slag and SF.

It is designed for the need to improve compressive strength and to reduce the concrete stickiness.

### Physical Properties

Physical Properties of WS-LST 55	
Appearance	Light yellow liquid
Odour	Characteristic
Total Solid Contents, %	55%(w/w), approx
pH(undiluted)	2.5
Specific Gravity	1.11 (25℃)
Viscosity, Brookfield Viscometer, cps	500 (25℃)

### Applications

UNIVER WS-LST 55 is the best choice for

- 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 55 is 0.2~1.0 liters/100 kg of binders.

But the optimum dosage of UNIVER WS-LST 55 may depend on specific requirements of concrete properties and materials. The optimum dosage of UNIVER WS-LST 55 should be determined by trials using the materials and conditions.

### Storage and Handling

UNIVER WS-LST 55 should be stored between 0°C to 40°C. If stored in original unopened containers it will have a shelf life of 12 months. If WS-LST 55 become frozen, the properties of WS-LST 55 can be homogenized by thorough agitation of the completely thawed product.

### Packaging

UNIVER WS-LST 55 is available in bulk supply, 1100Kg/IBC or 230kg/drum

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