

UNIVER ST-2H

High performance new generation superplasticizer

Advanced polycarboxylate based superplasticizer for high performance concrete

Univer ST-2H is a high performance retention polycarboxylate based polymer, which performs excellent retention and improves workability. It is designed for the need to extend retention for long period.

Physical Properties

Physical Properties of UNIVER ST-2H	
Appearance	Faint Light Yellow
Odour	Slight
Total Solid Contents, %	50%(w/w), approx
pH(undiluted)	3.3
Specific Gravity	1.100 (25℃)
Viscosity, Brookfield Viscometer, cps	330(25℃)

Applications

The excellent retention performance of UNIVER ST-2H makes it possible to give extremely good workability to the fresh concrete. Using UNIVER ST-2H is the best choice for making high performance concrete.

- Regardless of water-binder ratio, widely applicable to the concrete
- Self-compacting concrete

Advantages

- Provide fresh concrete with excellent retention more than 120 minutes.
- Allowed long range transportation of fresh concrete with its excellent retention ability

Typical dosage

The recommended dosage range of UNIVER ST-2H is 0.2~1.0 liters/100 kg of binders. But the optimum dosage of UNIVER ST-2H may depend on specific requirements of concrete properties and materials. The optimum dosage of UNIVER ST-2H should be determined by trials using the materials and conditions.

Storage and Handling

UNIVER ST-2H should be stored between 0℃ to 40℃. If stored in original unopened containers it will have a shelf life of 12 months. If ST-2H become frozen, the properties of ST-2H can be homogenized by thorough agitation of the completely thawed product.

Packaging

UNIVER ST-2H is available in bulk supply, 1100Kg/IBC or 230kg/drum

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