

UNIVER EWS-N

Ether type - Polycarboxylate based polymer

Univer EWS-N is an ether type high performance new generation polycarboxylate based superplasticizer that is good for making concrete stickiness low.

The stickiness of the concrete which used high cement content is too high to pump, so it may be a cause of critical pumping trouble. Univer EWS-N shows the way to obtain good slump retention as well as workability of low stickiness.

Physical Properties

Physical Properties of UNIVER EWS-N	
Appearance	Colorless liquid
Total Solid Contents, %	55%
pH(undiluted)	2.2 – 4.2
Specific Gravity	1.08 – 1.12 (25℃)
Viscosity, Brookfield Viscometer, cps	Max. 700 (25℃)

Application

Univer EWS-N has good water reduction performance.

Especially, it is good superplasticizer for making low stickiness concrete.

Chemical structure of Univer EWS-N may maintain good slump retention performance at high temperature like tropical area.

For prolonging longer slump time, using it as mixture with our retention types is recommended

Characteristics

- Univer EWS-N is well compatible with any polycarboxylate polymer.
- Univer EWS-N is well compatible with chemical additives for admixtures such as defoamer, air entraining agent etc.

Typical dosage

The recommended dosage range of UNIVER EWS-N is 0.2~1.0 liters/100 kg of binders.

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

Storage and Handling

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

Packaging

UNIVER EWS-N is available in bulk supply, 1100Kg/IBC or 230kg/drum

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