

UNIVER WS-H

High performance new generation superplasticizer

Univer WS-H is an advanced polycarboxylate based superplasticizer for high performance concrete

Among our PC Products, Univer WS-H has the highest water reducing effects. Therefore Univer WS-H would be recommendable for precast as well as RMC application, which requires an early strength.

It is designed for the need to improve the initial compressive strength by high water reducing rate.

Physical Properties

Physical Properties of WS-H	
Appearance	Light Yellow liquid
Odour	Characteristic
Total Solid Contents, %	50%(w/w), approx
pH(undiluted)	2.8~4.5
Specific Gravity	1.106 (25°C)
Viscosity, Brookfield Viscometer, cps	330 (25°C)

Applications

UNIVER WS-H is the best choice for

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

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

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

Storage and Handling

UNIVER WS-H 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-H become frozen, the properties of WS-H can be homogenized by thorough agitation of the completely thawed product.

Packaging

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

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