

UNIVER MWR-FA 55

High performance new generation superplasticizer

Univer MWR-FA 55 is an advanced PC which shows both water reducing and retention effect.

Univer MWR-FA 55 is mid-range polycarboxylate polymer and it would be recommendable for a concrete with high volume fly ash.

Physical Properties

Physical Properties of MWR-FA 55	
Appearance	Light Yellow liquid
Odour	Characteristic
Total Solid Contents, %	55%(w/w), approx
pH(undiluted)	6.7
Specific Gravity	1.11 (25℃)
Viscosity, Brookfield Viscometer, cps	460 (25℃)

Applications

- High volume Fly ash concrete
- High-performance concrete
- High-fluidity concrete
- High-rise building & Long length bridge
- Self-compacting concrete
- Offshore and marine structure
- The concrete that requires much longer retention of flow-ability

Advantages

- Maintain the flow-ability of the concrete for a long time.
- High slump & excellent slump retention, making long transportation time possible because slump loss is much reduced
- Reduction of labor and energy costs by high workability of concrete
- Improvement of durability of the concrete

Typical dosage

The recommended dosage range of UNIVER MWR-FA 55 is 0.2~1.0 litres/100 kg of binders. But the optimum dosage of UNIVER MWR-FA 55 may depend on specific requirements of concrete properties and materials and should be determined by trials using the materials and conditions.

Storage and Handling

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

Packaging

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

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