

UNIVER MWR-WLR

High performance new generation superplasticizer

UNIVER MWR-WLR is PCE that has either good water reduction or workability such as slump retention of concrete. It is good for low stickiness concrete along with minimizing the need for adjustment of slump retention. Especially, it is well-balanced for both Water reduction & Slump retention. Also we expect UNIVER MWR-WLR has lower stickiness of concrete with high-strength.

Physical Properties

Physical Properties of Univer MWR-WLR	
Appearance	Faint Light Yellow
Odour	Slight
Total Solid Contents, %	50%(w/w), approx
pH(undiluted)	6.80
Specific Gravity	1.120
Viscosity (Brookfield Viscometer, cps)	350(25)

Features

- Water reduction
- Long Slump retention
- Good for blending cement (F/A, Slag)-higher early strength
- Higher compressive strength at 3~28days

Advantages

- Good performance with blending cement
- Good for normal concrete of middle range W/C(for light PCE based admixture)
- Reduction of labor costs by high workability of concrete

Dosage

UNIVER MWR-WLR has a recommended dosage range of 0.3 ~ 1.0 litres/100 kgs of binders on a basis of undiluted solution. It is well-soluble in water and we recommend to dilute it as your application. The optimum dosage of UNIVER-MWR-WLR may depend on specific requirements of concrete properties and materials. So, it is determined by trials using the materials and conditions.

Compatibility

UNIVER MWR-WLR is compatible with all of PCE products. To achieve either higher water reduction or longer retention, you may blend with other PCE which has its specific properties. UNIVER MWR-WLR is compatible with Ligno base plasticizer. Do not use blending with NSFC base superplasticizer.

Storage and Handling

UNIVER MWR-WLR should be stored at room temperature and it should be avoided from direct sunlight. If stored in original unopened container, it will have a shelf life of twelve (12) months. If product is frozen, please agitate it slowly until melting again.

Packaging

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

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