

# AD-TEK MWR

## Mid range water reducer



### FEATURES

**AD-TEK MWR** is a composite mid range water reducing admixture designed to produce concrete with improved water reduction and extended slump life.

**AD-TEK MWR** allows achieving and maintaining 100-140 mm slumps.

**AD-TEK MWR** is used to produce high performance concrete, where higher water reduction with easy placing and working is needed.

**AD-TEK MWR** exceeds all requirements of Australian Standard AS1478.1 – 2000 as a Medium Range Water Reducing Admixture, Normal Setting.

### ADVANTAGES

- High water reduction
- Reduced segregation
- Increases workability
- Low permeability, high durability concrete
- Low shrinkage and creep – reduced risk of cracks
- Improved finish

### USES

- Concrete requiring a high water reduction
- High strength concrete
- Concrete with the highest requirements on durability and quality
- Construction sites which need reliable workable concrete
- Pumped concrete
- Self compacting concrete
- Precast concrete

### SPECIFICATION DATA

<b>Appearance:</b>	Purple solution
<b>Density:</b>	1.00 - 1.05kg/litre
<b>pH:</b>	4.5 - 5.5
<b>Chloride content:</b>	none added
<b>TEA content:</b>	none
<b>Air entrainment:</b>	may increase
<b>Cleanup:</b>	Water
<b>Packaging:</b>	20L, 200L, 1000L bulk
<b>Storage:</b>	Store between 5°C - 40°C away from direct sunlight
<b>Shelf life:</b>	12 months

## DIRECTIONS FOR USE

**AD-TEK MWR** is most effective when added into the concrete after the cement has wetted out.

The recommended dosage rate is between 300 - 1000 ml per 100 kg cement binder, depending on the mix design and requirements.

The ideal dosage rate should be determined by site trials.

Wash equipment immediately after use with water.

## SAFETY

Refer to the MSDS, contains no hazardous substances requiring labelling

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