

# AD-TEK WRAc

## water reducer Accelerator



### FEATURES

**AD-TEK WRAc** is a water reducing and accelerating admixture designed to provide water reduction and set acceleration.

**AD-TEK WRAc** provides increased early strength development in concrete and mortar mixes.

**AD-TEK WRAc** may be used as water reducing admixture for the cast-in-situ (premix) and precast concrete under cool winter conditions.

**AD-TEK WRAc** exceeds all requirements of Australian Standard AS1478.1 – 2000 for a Water Reducing and Set Accelerating Admixture.

### ADVANTAGES

- Improves setting times in cold weather
- Increased slump without further water addition
- Reduced segregation
- Increases workability
- Reduces bleeding
- Low shrinkage and creep – reduced risk of cracks
- Easier pumping, placing and finishing
- Increased resistance to atmospheric conditions

### USES

- Compensates for increased setting times due to temperature or the use of pozzolans
- High strength concrete
- Concrete with the high durability
- Construction sites which need reliable workable concrete
- Pumped concrete
- Precast concrete

### SPECIFICATION DATA

<b>Appearance:</b>	Light crimson solution
<b>Density:</b>	1.30 - 1.40kg/litre
<b>pH:</b>	7.0 - 7.5
<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 WRAc** is most effective when added into the concrete at the end of the batch cycle. Do not pre-mix with any other admixture prior to addition

The recommended dosage rate is between 200 - 400 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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