

PRODUCT INFORMATION BULLETIN

DESCRIPTION

AD-TEK Ac is a chloride free, non corrosive cement hydration accelerating admixture designed to provide faster set and increased early strength development of concrete and mortar.

AD-TEK Ac may be used for cast-in-situ (premix) and precast concrete under cool winter conditions.

AD-TEK Ac exceeds all requirements of Australian Standard AS1478.1 – 2000 for a Set Accelerating Admixture.

BENEFITS

- Higher early strengths
- Faster de-moulding
- Earlier structural use of concrete constructions
- Faster construction and earlier occupancy
- Energy saving in steam cured concrete
- Corrosion of steel is avoided
- Offsets the retarding effect of pozzolans
- Compatible with AD-TEK water reducing and other admixtures

TECHNICAL DATA (typical)

Appearance	Aqueous solution
Colour	Light orange
Density at 20°C	Approx 1.4 g/litre
pH value	Approx. 8.4
Chloride content	None added
TEA content	Contains TEA
Air entrainment	None

APPLICATION

AD-TEK Ac may be added to the concrete mix on the sand or in the water.

For greatest effectiveness, it is recommended to add **AD-TEK Ac** at the end of the batch cycles.

AD-TEK Ac should not come in contact with other AD-TEK admixtures prior to entering the concrete.

DOSAGE

The recommended dose rate is between 300 – 2000 ml per 100 kg of cement binder, depending on specific mix design and requirements.

Exact dosage rate should be determined by site trials.

PACKAGING

AD-TEK Ac is available in 20-litre containers, 1000-litre cubes and in bulk.

HEALTH and SAFETY

AD-TEK Ac contains no hazardous substances requiring labelling. For further information refer to the Material Safety Data Sheet.

STORAGE and SHELF LIFE

One year when stored in an unopened original container at between 5°C and 40°C.

Please contact our technical department for further information.

Disclaimer: Any advice, recommendation, information, assistance or service provided by application is in good faith and is believed by AD-TEK PTY LTD to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by AD-TEK PTY LTD is provided without liability.