

PRODUCT INFORMATION BULLETIN

DESCRIPTION

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 100-160 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

- Higher water reduction
- Increased workability time
- Reduced segregation of concrete mixes
- Increased strength and long-term durability properties
- Improved surface finish
- Increased resistance to aggressive atmospheric conditions
- Decreased risk of shrinkage and creep

TECHNICAL DATA (typical)

Appearance	Aqueous solution
Colour	Purple
Density at 20°C	Approx. 1.03 kg/litre
pH value	Approx. 5.0
Chloride content	None added
TEA content	None
Air entrainment	May increase

APPLICATION

The maximum plasticizing effect or water reduction is obtained if **AD-TEK MWR** is added into concrete after the cement is wetted out.

DOSAGE

The recommended dose rate is between 500 – 1000 ml per 100 kg of cement depending on specific mix design and requirements.

Site trials are recommended to determine the actual dosage rate.

PACKAGING

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

HEALTH AND SAFETY

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

STORAGE AND SHELF LIFE

Can be stored for 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.