

PRODUCT INFORMATION BULLETIN

DESCRIPTION

AD-TEK PUMP is a composite admixture designed to improve the pumpability of concrete mixes.

AD-TEK PUMP prevents excessive wear of concrete pumps and increases output.

AD-TEK PUMP exceeds all requirements of AS 1478.1 - 2000 for Type SN admixtures.

USE

AD-TEK PUMP is recommended to be used for concrete mixes which are liable to segregation in the process of pumping under increased pump pressure.

AD-TEK PUMP is especially useful for lean concrete mixes, for mixes with a lack of fines, for mixes utilising manufactured sands and for long pumping distances.

ADVANTAGES

- Enhances pumpability, workability and finishing
- Improves consistency of concrete flow
- Reduces pump pressure
- Reduces wear of concrete pumps and lines
- Does not affect the strength of concrete

TECHNICAL DATA (typical)

Appearance	Aqueous polymer solution
Colour	Light green
Density at 20°C	1.01 kg/litre
pH value	6.0 - 8.0
Chloride content	None added
TEA content	None
Air entrainment	May increase air content at a high dose rate

DOSAGE

The recommended dose rate is between 200 – 1000 ml per 100 kg of cementitious content depending on specific mix design and requirements.

A dose of 200-400 ml/100 kg is recommended to improve concrete cohesiveness and finishing procedures.

A dose of up to 1000 ml/100 kg is recommended to reduce pump pressure and act as a replacement for lack of fines in a concrete mix.

Site trials are recommended to determine the actual dosage rate.

APPLICATION

AD-TEK PUMP is typically added into concrete after the initial mix water or may be added on-site into the concrete mixer.

When added on site, the truck mixer shall rotate its drum for a minimum of 2 minutes to achieve a uniform mix.

COMPATIBILITY

AD-TEK PUMP is compatible with other AD-TEK admixtures used in the production of quality concrete.

PACKAGING

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

HEALTH AND SAFETY

AD-TEK PUMP 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.