

PRODUCT INFORMATION BULLETIN

DESCRIPTION

AD-TEK Ligno is a water reducing admixture based on selected lignosulphonates, which allows concrete production with extended slump life without retardation.

AD-TEK Ligno is used to produce medium performance concrete, where water reduction with ease of placing and workability is required.

AD-TEK Ligno exceeds all the requirements of Australian Standard AS1478.1 – 2000 as a Water Reducing Admixture.

BENEFITS

- Higher slump without further water addition
- Increased workability time
- Reduced rate of bleeding
- Reduced segregation of concrete mixes
- Increased strength and long-term durability properties
- Ease of pumping and placing
- Easier burnish finish
- Increased resistance to aggressive atmospheric conditions
- Decreased risk of shrinkage and creep

TECHNICAL DATA (typical)

Appearance	Aqueous solution
Colour	Brown
Density at 20°C	1.17 kg/litre
pH value	6-8
Chloride content	None added
Air entrainment	May slightly increase
TEA content	None

APPLICATION

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

DOSAGE

The recommended dose rate is between 200-400 ml per 100 kg of cement binder depending on specific mix design and requirements.

Site trials are recommended to determine the actual dosage rate.

PACKAGING

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

HEALTH and SAFETY

AD-TEK Ligno 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.