



CENTROX™ WRRe (Aqueous Solution) *Water Reducing & Set Retarder*

PRODUCT INFORMATION BULLETIN

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DESCRIPTION

Centrox WRRe is a composite water reducing and set retarding admixture designed to produce concrete with improved water reduction and extended slump life. **Centrox WRRe** retards the setting time of the mix to assist easier placing and finishing of concrete. **Centrox WRRe** allows achieving and maintaining 80 -130 mm slumps.

Centrox WRRe is used to produce medium performance concrete, where greater water reduction with easy placing and working is needed.

Centrox WRRe meets and exceeds all requirements of Australian Standard AS1478.1 – 2000 as a Water Reducing and Set Retarding Admixture.

ADVANTAGES

- water reducing for a given workability
- mild to extended retardation
- increased workability time
- better pumpability
- increased bleed characteristics improving surface finish
- reduced segregation of concrete mixes
- increased strength and long-term durability properties
- increased resistance to aggressive atmospheric conditions
- decreased risk of shrinkage and creep
- economical due to cement reduction

APPLICATION

The maximum plasticizing effect or water reduction is obtain if **Centrox WRRe** is added into concrete after the cement is wet out.

DOSAGE

The usually recommended dosage rate is between 250 – 850 ml per 100 kg of cement binder depending on specific mix design and requirements.

TECHNICAL DATA (typical)

- Appearance: aqueous solution
- Colour: light brown
- Density at 20°C: approx. 1.1 kg/liter
- pH value: approx. 5.1
- Chloride content: no added
- TEA content: does not contain
- Air entrainment: may slightly increase air content

PACKAGING

Centrox WRRe is available in 20 L containers, 1000 L cubes and bulk.

HEALTH AND SAFETY

Centrox WRRe contains no hazardous substances requiring labeling. For further information refer to the Material Safety Data Sheet.

STORAGE AND SHELF LIFE

Minimum one year when stored in the closed original container at between 5°C and 40°C.

Please contact our technical department for further information