



CONSOL RETARD V50

Water Reducing and Set Retarding Concrete Admixture

DESCRIPTION

CONSOL RETARD V50 is a liquid concrete plasticizer and water reducing agent with set retarding effect.

CONSOL RETARD V50 complies with ASTM C494/C494M-19 Type D.

RECOMENDED FOR

CONSOL RETARD V50 is used as a general purpose admixture when the placing conditions. For high quality concrete are more demanding such as:

- Elevated temperature
- Ready-mix concrete
- Fair faced concrete
- Pumped concrete
- High mechanical strengths are required
- Area where large volumes must be placed at one time

BENEFITS

CONSOL RETARD V50 provides the following benefits:

- Increased setting time in hot weather
- Improved workability without increase water content
- Accelerated hardening after setting
- Reduced water without loss of workability
- Reduced shrinkage and creep
- Increased strengths
- Long lasting control of slump loss
- Better surface finish
- Chloride free does not attack reinforcement

PRODUCT DATA

Form

Liquid

Colour

Dark Brown

Packaging

200 litres sealed drum

1000 litres IBC's or tanker delivery on request

Storage

Dry, cool, shaded place. Protect from direct sunlight and frost.

Shelf Life

CONSOL RETARD V50 can be stored for 12 months if stored as recommend in unopened original containers.

TECHNICAL DATA

Chemical Base

Modified Polyhydroxy Carbon Salts

Density

1.12 ± 0.05 kg/L

INSTRUCTION FOR USE

Dosage

0.20% - 0.70% by weight of cement.

Site trials are advisable to determine optimum dosage rates.

For more dosages or specific requirements, please contact our Technical Service Department.

CONSOL RETARD V50 is compatible with all types of Portland cement including S.R.C.

Dispensing

CONSOL RETARD V50 should be dispensed directly into the mixing water prior to its addition to the aggregates. When accidental overdosing occurs, **CONSOL RETARD V50** does not entrain excessive amounts of air, however the set retarding effect increases. During this period, the concrete must be kept moist in order to prevent premature drying out.

HANDLING PRECAUTIONS

- Avoids contact with skin and eyes
- Wear protective gloves and eye protection during work
- If skin contact occurs, wash skin thoroughly
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.

For detail health, safety and environmental recommendations, please consult and follow all instruction on the Material Safety Data Sheet.