

POWDERED ADMIXTURES

Master Format #: 03 30 00 03 40 00 03 70 00

EUCON™ SET-STOP

CEMENT STABILIZER PACKETS



EUCLID CHEMICAL

PRODUCT INFORMATION

PACKAGING

Packaged in 3.5 gal. pails containing (30) - 0.5 lb (0.2 kg) inner dissolvable bags

SHELF LIFE

1 year in original, unopened package

SPECIFICATIONS/COMPLIANCES

ASTM C494 Type D

DESCRIPTION

EUCON SET-STOP is a powdered chemical admixture specially formulated to stabilize cementitious mixes for extended periods of time and is packaged in dissolvable bags for convenient dispensing to grout, concrete and shotcrete mixes. EUCON SET-STOP can be used in combination with other admixtures to maintain slump and workability. EUCON SET-STOP restricts normal hydration of portland cement for extended periods of time. EUCON SET-STOP contains no added chlorides or chemicals known to promote the corrosion of steel.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Buckets can easily be kept on mobile equipment
- Material will not freeze like liquid admixtures
- Can be re-dosed as needed
- Consistent dosage response

PRIMARY APPLICATIONS

- Grouting Applications
- Shotcreting operations in mines and tunnels
- Concrete haulage applications
- Emergency cement stabilization
- Ready mixed concrete
- Precast concrete
- Underground construction

PRECAUTIONS/LIMITATIONS

- Wear protective goggles and gloves when handling EUCON SET STOP
- Only add to mixture after cement and water are thoroughly mixed
- In all cases, consult the Material Safety Data Sheet before use
- Test mixes should be performed to determine dosage rates for particular materials and conditions

TECHNICAL INFORMATION

PERFORMANCE DATA

The following testing was obtain under field conditions:

1.33 yd³ (1m³) 'Neat' Grout mixture

Type III Portland Cement

0.50 Water:Cement ratio

Ambient temperature of 77°F (25°C)

Mixture temperature of 86°F (30°C)

Eucon Set Stop	Initial Set (hr:min)
None	1:35
1 Packette	3:05
2 Packettes	3:55
3 Packettes	4:45

DIRECTIONS FOR USE

Each 0.5 lb (0.2 kg) package is double bagged. Remove the outer bag and add the entire inner-soluble EUCON SET-STOP bag and contents to the plastic/wet concrete. The inner bag will easily dissolve. Thoroughly mix at high speed for a minimum of 3 minutes. Extended addition: Add dissolvable packs to the mix at any time during transport/holding and mix at high speed for approximately 3 minutes. Note that a higher dosage of Eucon Set Stop may be required for an extended addition depending on amount of time since initial dosing and/or initial batching time.

DOSAGE

Eucon Set Stop must be evaluated with each mix and application to accurately determine the proper dosage. When first using Eucon Set Stop with a particular mix, set times and mix temperatures should be monitored to determine proper dosage for that mix. Overdosing Eucon Set Stop will not harm the mix but can extend set time several days.

Rev. 03.21

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