



EUCO-FILL 31

WATER REDUCING NORMAL SETTING ADMIXTURE

EUCLID CHEMICAL

PRODUCT INFORMATION

PACKAGING

EUCO-FILL 31 is packaged in bulk, 275 gal (1041 L) totes and 55 gal (208 L) drums.

SHELF LIFE

1 year in original, unopened container

DESCRIPTION

EUCO-FILL 31 is a liquid, water reducing and plasticizing admixture for both rockfill and tailings fill. EUCO-FILL31 is a normal set admixture containing a modified organic polymer of sodium gluconate. Both rockfill and pastefills have exhibited increased compressive strengths when EUCO-FILL 31 was added to the mix.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Improves rheological properties
- Reduces segregation
- Reduces water addition requirements
- Reduces shrinkage and permeability in hardened fill

PRIMARY APPLICATIONS

- Rockfill mixes
- Paste backfill mixes

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCO-FILL 31 above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Never agitate with air.
- In all cases, consult the Safety Data Sheet before use.

TECHNICAL INFORMATION

Compressive strengths from 3 to 28 days normally show increases in excess of 20% over control mixes.

DOSAGE

EUCO-FILL 31 is typically used at dosage rates of 2 to 10 oz/ton (130 to 750 ml/tonne) of backfill for most applications. Dosage is dependent on the characteristics of the materials being used. As the quantity of admixture is increased, the flowability will increase. When half the recommended dosage is surpassed, retardation of the setting time should become apparent and become longer with increasing dosage.

DIRECTIONS FOR USE

EUCO-FILL 31 is dispersed into either the water or the entire mix. It should not come in contact with dry cement or other admixtures until they are mixed into the fill. EUCO-FILL 31 is compatible with other admixtures; however, each admixture should be added to the mix separately.

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