



THE EUCLID CHEMICAL COMPANY

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EUCO-FILL 20

CONSTRUCTION PRODUCTS FOR

VOX

A SAFER ENVIRONMENT

WATER REDUCING-SET RETARDING ADMIXTURE

EUCO-FILL 20 is a solution that is completely free of any calcium chloride. It is a water reducing, set retarding admixture for mine backfill. It provides longer transport times, higher durability, reduced shrinkage and permeability and increased compressive strength.

PRIMARY APPLICATIONS

- Paste backfill mixes
- Rockfill mixes
- Warm temperature applications

FEATURES/BENEFITS

- Elimination of cold joints between waves of paste within the stope
- Reduces shrinkage and permeability
- Reduces possibility of fill setting in transport line
- Often increases compressive strength without reducing water

SPECIFICATIONS/COMPLIANCES

- EUCO-FILL 20 meets the requirements of ASTM C-494, Type D admixture.
- EUCO-FILL 20 meets the requirements of AASHTO M-194.

PACKAGING

EUCO-FILL 20 is packaged in bulk, 275 gal (1041 liter) totes and 55 gal (208 liter) drums.

Shelf life: 1 year in original, unopened container.

DOSAGE

EUCO-FILL 20 is typically used at dosage rates of 3 oz to 36 oz / ton (195 to 2350 ml / tonne) of backfill for most applications. Dosage is dependent on the quantity of binder in the mix. As the quantity of admixture is increased, the setting time is further delayed.

TECHNICAL INFORMATION

Increases in 28-day compressive strength normally exceed 10%.

DIRECTIONS FOR USE

EUCO-FILL 20 is dispersed into any part of the backfill mix except cement, but preferably into the water.

PRECAUTIONS/LIMITATIONS

Will freeze at 26°F (-3°C) but will return to its original state after thawing and thorough mixing.

ADDITIONAL INFORMATION

For more information on the use of EUCO-FILL 20 or any other admixture, contact The Euclid Chemical Company, Underground Sales and Marketing at 1-800-321-7628, extension 8395. The Euclid Chemical Company will assist mining operations in testing of materials to assess correct admixture usage for specific applications.