



THE EUCLID CHEMICAL COMPANY

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EUCO-FILL 27

SET STABILIZING ADMIXTURE

CONSTRUCTION PRODUCTS FOR



A SAFER ENVIRONMENT

EUCO-FILL 27 is a water reducing, retarding, strength increasing admixture for mine rockfill mixes. It contains a double metallo-organic salt derived from hydroxycarboxylic acids.

PRIMARY APPLICATIONS

- Rockfill mixes

FEATURES / BENEFITS

- EUCO-FILL 27 reduces water requirements from 4% to 8% depending on dosage and cementitious material characteristics
- EUCO-FILL 27 will generally increase compressive strength from 15% to 25%

SPECIFICATIONS / COMPLIANCES

- EUCO-FILL 27 complies with CSA - A2662, type R, RX and SR standards.

PACKAGING

EUCO-FILL 27 is packaged in bulk, 275 gal (1041 liter) totes and 55 gal (208 liter) drums.

Shelf life: 1 years in original, unopened container.

DOSAGE

EUCO-FILL 27 is typically used at dosage rates of 1 oz to 8 oz / ton (65 to 520 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

Laboratory data with concrete mix

COMPRESSIVE STRENGTH

	without admixture	EUCO-FILL 27
3 day	1,900 psi (13.1 MPa)	2,306psi (15.9 MPa)
7 day	2,740 psi (18.9MPa)	3,263 psi (22.5 MPa)
28 day	3,828 psi (26.4 MPa)	4,395 psi (30.3 MPa)

mix	initial set
Reference	5h 45min
EUCO-FILL 27 at 175 ml/100kg cement	8h 35min
Delay in setting time	2h 50min

DIRECTIONS FOR USE

EUCO-FILL 27 requires proper distribution in the mix. Add the proper dosage to either the mix water or according to the method that provides the best dispersion. It must not be dispensed onto dry cement.

PRECAUTIONS / LIMITATIONS

- EUCO-FILL 27 is compatible with all other EUCO-FILL admixtures but must be added to the mix separately.
- The effect of total dosage when used in combination with other admixtures should be verified in testing prior to using.

ADDITIONAL INFORMATION

For more information on the use of EUCO-FILL 27 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.