



THE EUCLID CHEMICAL COMPANY

19218 REDWOOD ROAD • Cleveland, OH 44110
(216) 531-9222 • (800) 321-7628 • FAX (216) 531-9596
www.euclidchemical.com



EUCO ROCK ANCHOR BOLT GROUT

NON-SHRINK, ROCK BOLT GROUT

EUCO ROCK ANCHOR BOLT GROUT is a non-shrink, precision grouting material for use with rock anchor bolts in underground and mining applications. EUCO ROCK ANCHOR BOLT GROUT is a portland cement-based product that will provide low permeability, high early strength and protection from corrosion.

PRIMARY APPLICATIONS

- Rock stabilization - bolts
- Anchor bolts

FEATURES / BENEFITS

- Pumpable
- Highly durable
- Non-shrink
- High early strengths
- Free of added chlorides

PACKAGING / YIELD

EUCO ROCK ANCHOR BOLT GROUT is packaged in 50 lb (22.7 kg) bags and yields 0.43 ft³ (0.01 m³) of fluid grout when mixed with 1.0 gal (3.8 liter) of water.

Shelf life: 2 years in original unopened package.

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Flowable Consistency

1.0 gal/50 lb (3.8 liter/22.7 kg)

Flow Rate: ASTM C-939 & CRD C-621

120% Flow (flow table)

Compressive Strength

2" (50 mm) cubes (ASTM C-109)

Age	Strength
12 hours	2,000 psi (14 MPa)
24 hours	4,000 psi (28 MPa)
3 days	5,000 psi (34 MPa)
7 days	7,000 psi (48 MPa)
28 days	9,000 psi (62 MPa)

DIRECTIONS FOR USE

EUCO ROCK ANCHOR BOLT GROUT should be mixed with approximately 1 gallon of water per 50 lb (22.7kg) bag. The amount of mixing water may vary due to grout temperatures. Additional variations in mixing water may be required due to pumping and placement requirements.

PRECAUTIONS / LIMITATIONS

- Never leave mixed grout in the pump for extended periods of time.
- Do not add admixtures or fluidifiers.
- Store material in dry facility.
- Rate of strength gain is affected by temperature extremes.

ADDITIONAL INFORMATION

For more information on the use of EUCO ROCK ANCHOR BOLT GROUT or any other Euclid Chemical product, 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 product usage for specific applications.