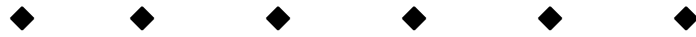




# THE EUCLID CHEMICAL COMPANY

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## EUCO CABLE GROUT



### HIGH PERFORMANCE CABLE GROUT

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**EUCO CABLE GROUT** is designed to produce a pumpable, non-shrink, high strength grout. It provides corrosion protection for steel cables, anchorages and rods. EUCO CABLE GROUT is extremely flowable, and cured grout is similar in appearance to concrete.

**NOTE: ADDITIONAL FORMULATIONS ARE AVAILABLE TO MEET LOCAL SPECIFICATIONS. PLEASE CONTACT YOUR EUCLID CHEMICAL REPRESENTATIVE FOR ASSISTANCE.**

#### PRIMARY APPLICATIONS

- Pretensioned/post-tensioned cables and rods
- Post-tensioned ducts
- Precast wall panels
- Beams
- Columns
- Cable anchor plates

#### FEATURES/BENEFITS

- Easy to pump or pour
- Non-shrink performance provides excellent bearing
- Flowable and self-leveling
- High strength
- Appearance of plain concrete
- Does not contain any added chloride ions
- Contains no aluminum powder

#### PACKAGING/YIELD

EUCO CABLE GROUT is packaged in 50 lb (22.7 kg) bags and yields 0.60 ft<sup>3</sup> (0.017 m<sup>3</sup>) of fluid grout when mixed with 2.3 gal (8.7 liter) of water.

#### TECHNICAL INFORMATION

##### **Typical Engineering Data**

The following results were developed under laboratory conditions.

##### Fluid Consistency

2.3 gal/50 lb (8.7 liter/22.7 kg)

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

15 to 25 seconds (Flow Cone)

##### Compressive Strength

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

<u>Age</u>	<u>Strength</u>	
1 day	3,000 psi	(21 MPa)
7 days	6,200 psi	(43 MPa)
28 days	10,000 psi	(69 MPa)

##### Modulus of Elasticity, ASTM C-580

28 days                      5.8 x 10<sup>6</sup> psi

##### Setting Time @ 70°F (21°C)

ASTM C-191 ..... 5 - 7 hours

May vary depending upon ambient and material temperature.

##### Appearance

EUCO CABLE GROUT is a free flowing powder designed to be mixed with water. After mixing and placing, the color may initially appear much darker than the surrounding concrete. While this color will lighten up substantially as the grout cures, the grout may always appear somewhat darker than the surrounding concrete.

**Shelf life** in original unopened package is 2 years.

## **DIRECTIONS FOR USE**

If the contractor is not familiar with standard grout placement techniques, a pre-job meeting is suggested to review the project details unique to the particular job. Contact your local Euclid Chemical representative or The Euclid Chemical Company for additional information. The information given here is offered in particular support to the mixing and placing of EUCO CABLE GROUT.

### **Mixing:**

<b>Consistency</b>	<b>Estimated Water Content*</b>
Fluid	2-2.3 gal/50 lb bag (7.6-8.7 liter/22.7 kg)

\* Do not add water in an amount that will cause bleeding. Do not add aggregate or cement to the grout since this action will change its precision grouting characteristics.

This product is typically not used at a flow cone rate of less than 15 seconds if checking flow rates on the job site (see CRD-C-611 of ASTM C-939 for flow cone method).

**Placing-**If placing this product in hot weather, use of cold water will increase the working time. Pumping continuously will aid in grout uniformity and ease of placement.

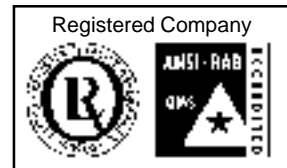
**Curing and Sealing-**Cure all exposed grout by wet curing for 24 hours. Cure the grout with a high solids curing compound, such as SUPER REZ-SEAL or SUPER AQUA-CURE VOX.

### **CLEAN-UP**

Clean tools and equipment with water before the material hardens.

### **PRECAUTIONS / LIMITATIONS**

- Do not add any admixture or fluidifiers.
- Do not use mixing water in an amount or at a temperature that will cause the mixed grout to bleed or segregate.
- Employ cold weather or hot weather grouting practices as the temperature dictates.
- Store material in a dry place.
- Do not use material at temperatures that may cause premature freezing.
- Rate of strength gain is significantly affected at temperature extremes.
- The Euclid Chemical Company is not responsible for stress corrosion caused by ingredients in the flushout, saturation, or mixing water, or for contaminants either in the space being grouted or from other materials used in the system.



Form Euco Cable Grout-8.01

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