



THE EUCLID CHEMICAL COMPANY

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EUCO CABLE GROUT PTX

HIGH TOLERANCE CABLE GROUT

EUCO CABLE GROUT PTX is designed to produce a pumpable, non-shrink, high strength grout. It provides corrosion protection for steel cables, anchorages and rods. EUCO CABLE GROUT PTX is extremely flowable, and cured grout is similar in appearance to concrete. This material can be used to repair previously grouted cables.

PRIMARY APPLICATIONS

- Cable grouting
- Re-bar grouting

FEATURES/BENEFITS

- Easy to pump or pour
- Non-shrink performance provides excellent bearing
- Flowable and self-leveling
- High strength
- Pumpable for a minimum of 2 hours @ 90°F with no loss in flow
- Aggregate free - easier on pumping equipment. Usable with any standard grout pump.

PACKAGING/YIELD

EUCO CABLE GROUT PTX is packaged in 50 lb (22.7 kg) bags and yields 0.57 ft³ (0.016 m³) of fluid grout when mixed with 1.68 gallons (6.4 liter) of water.

Shelf life: 1 year in original, unopened package.

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Fluid Consistency

1.5 - 1.7 gal/50 lb (5.7 - 6.4 liter/22.7 kg)

Flow Rate: ASTM C-939 (modified)

9 to 20 seconds (Flow Cone)

Compressive Strength

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

Age	Strength
1 day	2,200 psi (15 MPa)
3 day	4,500 psi (31 MPa)
7 days	6,500 psi (45 MPa)
28 days	9,500 psi (66 MPa)

Setting Time @ 70°F (21°C)

ASTM C-1918 - 10 hours
May vary depending upon ambient and material temperature.

Hardened Height Change: (ASTM C-1090)

@ 24 hours	0.0% to 0.1%
@ 28 days	≥ Height @ 24 hrs (0.2% max.)

Plastic Expansion: (ASTM C-940)

0.0% to 2.0% for up to 3 hours

Bleeding

0.0% @ 3 hours (ASTM C-940 modified)
0.0% @ 5 minutes (using 200 ml Gellman Filter @ 100 psi)

Chloride Permeability: (ASTM C-1202)

@ 28 days (30 V for 6 hours) 660 coulombs

DIRECTIONS FOR USE

The information given here is offered in particular support to the mixing and placing of EUCO CABLE GROUT PTX.

Mixing:

Consistency	Estimated Water Content*
Fluid	1.5 - 1.7 gal/50 lb (5.7 - 6.4 liter/22.7kg)
Flowable	1.3 - 1.5 gal/50 lb (4.9 - 5.7 liter/22.7kg)

* Do not add water in an amount that will cause bleeding.

NOTE: To minimize bleeding in vertical applications greater than twenty feet, The Euclid Chemical Company recommends a water dosage no greater than 1.54 gal/50 lb (5.8 liter/22.7 kg).

Do not add aggregate or cement to the grout since this action will change its precision grouting characteristics.

The Euclid Chemical Company is ISO 9001 Certified Cert. #109877



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 temperatures dictate.
- Store materials in a dry place.
- Do not use material at temperatures that may cause premature freezing.
- Rate of strength gain and setting times are 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.

ADDITIONAL INFORMATION

For more information on the use of EUCO CABLE GROUT PTX 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.



Form Euco Cable Grout PTX 2.01