

PUMPABLE GROUT

The logo for Cook Brand, featuring the word "Cook" in a large, white, cursive font with a registered trademark symbol, and the word "BRAND" in a smaller, white, sans-serif font below it. The logo is set against a dark blue background with a white swoosh element.

MANUFACTURER:

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DESCRIPTION

COOK BRAND PUMPABLE GROUT consists of Portland cement, graded silica sand and special modifiers to create a grout suitable for pumping or pouring into areas requiring complete filling.

USES

Originally formulated for filling cathodic protection jackets. Cook Pumpable Grout is an excellent cathodic protection grout utilizing a sacrificial anode. Other uses would be filling voids by pouring or pumping (mechanical or hand pump) door jams, concrete block, etc. PUMPABLE GROUT is not designed to be expansive or to be used as a non-shrink grout.

FEATURES

- Long open time
- Can be hand or mechanically pumped
- Excellent for grouting Pile Jackets
- Does not contain silica fume, fly ash or chloride additive

MIXING & INSTALLATION

In a clean mixing container, add approx 3 ½ quarts clean cool water, then add 50 lbs. Pumpable Grout and mix with drill mixer and place. A mortar type mixer can be used for larger volumes of grout. Place material continuously into area to be filled.

SURFACE PREPARATION

Inspect all piles and locate all deteriorated concrete areas on the pilings that are to receive cathodic protection. Areas to receive jackets and the surrounding concrete surfaces shall be sound tested to determine the actual dimensions of the deteriorated concrete to be removed. Remove deteriorated concrete with chipping hammers at 45 degree angles to eliminate entrapment of air during the pumping process. All residue or marine growth on the surface of the piles should be removed mechanically.

LIMITATIONS

- Keep bags away from moisture
- DO NOT apply grout where temperatures are below 35° F
- Keep placed grout from freezing for 48 hours

PRECAUTIONS

Contains Portland cement; avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush with plenty of water at least 15 minutes. Consult a physician immediately. Keep out of reach of children. Contains free silica – DO NOT breathe dust. May cause delayed lung injury. Follow OSHA safety and health standards for crystalline silica (quartz). See material safety data sheet for detailed information.

PACKAGING

50 lb. bag or pail

PUMPABLE GROUT



TECHNICAL DATA

Compressive Strength ASTM C-109 (mod)

1 Day	2400 PSI
7 Day	4900 PSI
28 Day	6500 PSI

Splitting Tensile Strength ASTM C-496

1 Day	150 PSI
7 Day	250 PSI
28 Day	500 PSI

Bond Strength ASTM 1583-04

7 Day	500 PSI
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Compressive Strength (4x8 cubes)

28 Day	4460 PSI
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Thermal Expansion ASTM C-531

Average Coefficient of Expansion (1/F°)

7.87E-06

Absorption ASTM C-413

5.5940

Chloride Concentration (Lbs/yd³)

0.215

RCP (coulombs)

10833

Surface Resistivity (Kohm-cm)

5.5

Yield

50 lbs. = Approx. 0.45 cubic feet