

# ECONO GROUT

## NON SHRINK

## NON METALLIC GROUT



### MANUFACTURER

A.W. Cook Cement Products  
242 Amy Industrial Lane  
Hoschton, GA 30548  
Phone (706) 654-3677 Fax (706) 654-3662

### DESCRIPTION

ECONO GROUT is a flowable, high strength, non-shrink, non-corrosive, non-staining industrial grout that is compatible in appearance with ordinary concrete. This product contains no metallic aggregates, accelerators, chlorides or oxidizing catalysts.

### USES

Use where non-shrink, non-staining is required and gives full bearing for such applications as; machinery base plates, structural columns, pump and equipment bases, pre-cast tee joints, patching, bearing plates, rail posts, seating bolts, and post tension cables.

### APPLICATION

All areas to be grouted shall be clean and free of oil, grease, dirt, and any contaminants. All metal components to be in contact shall be de-rusted and free of paint and oils. All concrete to come in contact with the grout shall be thoroughly saturated by dampening or soaking prior to placement of grout. Remove excess water from holes and voids leaving no puddles. For column base plates and machinery bases, standard forming procedures should be followed that allow proper and complete placement of the fluid grout, including the use of forms. ECONO GROUT is ready to use and requires only the addition of water. No other materials should be added. For uniformity of mix, mechanical mixers such as paddle or drum mortar mixers should be used. Mixing time is not more than 5 minutes. The grout should be placed immediately after mixing. Do not mix more than can be placed within the allotted work time. When grouting areas exceeding 2" in thickness, the grout must be extended with 1/8" to 3/8" pea gravel at a rate of 15 to 20 lbs. per 50 lb. bag of grout. Grouting of precision machinery or equipment subjected to particularly heavy and excessive vibratory forces should be grouted within maximum expansion grout such as METALLIC GROUT. ECONO GROUT should be placed in accordance with standard grouting procedures and recommendations of ACI for placing and curing concrete. Use chains, rods, or tamping devices to compact grout tightly, completely remove all voids. Temperature should be near 70 F for maximum performance. Place grout quickly and continuously, striking off exposed areas. Finished grout should be cured with an acrylic sealer or damp cured.

### COVERAGE

One 50 pound bag should yield approx. .45 cubic feet.

### CLEAN UP

Clean up is simple and easy with soap and water. Rinse tools before material hardens.

### 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 for 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.

### TECHNICAL DATA

Compressive Strength ASTM C-109

#### PLASTIC 100% Flow Table

1 day	5310 psi
7 days	5920 psi
28 days	8000 psi

#### FLUID 25-30 Seconds Flow Cone

1 day	4750 psi
7 days	5395 psi
28 days	7000 psi

#### FLOWABLE 130% Flow Table

1 day	3600 psi
7 days	6885 psi
28 days	7800 psi

#### VOLUME CHANGE (Fluid)

Early Height Change	
ASTM C-827	+2.1%
Hardened Height Change	
ASTM C-1090	+ .022%

#### TENSILE STRENGTH (Fluid)

ASTM C-496	
28 Days	585 psi

#### FLEXURAL STRENGTH (Fluid) ASTM C-78

28 Days	530 psi
---------	---------

#### BOND STRENGTH (Fluid) (Modified) ASTM C-882

28 Days	1835 psi
Meets requirements of ASTM C-1107	