

# PUREGOLD<sup>®</sup> GROUT



## DESCRIPTION

PUREGOLD GROUT is an easy-mixing, organic-free, high-solids bentonite clay grout engineered to form a contaminant resistant seal without affecting groundwater chemistry. PUREGOLD GROUT is a technically superior replacement for traditional cement grouts. PUREGOLD GROUT is certified to NSF/ANSI Standard 60, Drinking Water Treatment Chemicals - Health Effects.

## RECOMMENDED USE

PUREGOLD GROUT should be used for sealing the annular space in monitoring wells to control contaminate infiltration and preserve ambient groundwater quality.

## CHARACTERISTICS

- Chemically stable. Results from TCLP Metals Analysis are below RCRA limits for hazardous constituents
- Contaminant free. All 116 priority pollutants tested for were below TCLP detection limits
- Generates no heat during mixing or curing and will not damage well casing
- Low permeability, laboratory test results range from  $1 \times 10^{-7}$  to  $1 \times 10^{-9}$  cm/sec.
- pH range from 5-6 standard units
- Remains flexible, maintains putty-like consistency over time and will re-hydrate

**Thermal Conductivity 0.75 watts/meter °C, 0.45 Btu/hr/ft/F**

## MIXING AND APPLICATIONS

PUREGOLD GROUT should be mixed with a paddle mixer or a mud rotary recirculation system and pumped with a positive displacement pump. It can be mixed in a slurry up to 30% solids. PUREGOLD GROUT remains placeable for up to two hours and sets in eight hours.

To achieve a 30% solids slurry, add one 50 lb bag of grout to 14 gallons of freshwater. This ratio will yield approximately 2.2 ft<sup>3</sup>.

## BULK DENSITY

75.55 lbs/ft<sup>3</sup> when mixed with water to a 30% solids grout.

## PACKAGING

50 lb bag, 48 per pallet. All pallets are plastic-wrapped.

# CETCO® GROUT

Formerly VOLCLAY GROUT



## DESCRIPTION

CETCO GROUT is a 20% solids, polymer-free, single-component, easy-to-use sodium bentonite grout available in powdered form. CETCO GROUT allows placement in a low viscosity state. CETCO GROUT is certified to NSF/ANSI Standard 60, Drinking Water Treatment Chemicals - Health Effects.

## RECOMMENDED USE

CETCO GROUT is designed for grouting waterwells and monitoring wells and for decommissioning abandoned wells and boreholes. It forms a low-permeability, flexible seal.

## CHARACTERISTICS

- Generates no heat during curing; will not damage casings
- Low permeability; laboratory results range from  $1 \times 10^{-7}$  to  $1 \times 10^{-8}$  cm/sec
- Physically stable; will not flow through highly permeable soil
- Protects the aquifer from surface water intrusion
- Remains flexible; maintains putty-like consistency over time
- Single bag for easy one-step mixing

## MIXING AND APPLICATIONS

Add one 50 lb bag of CETCO GROUT to 24 gallons of freshwater to produce 3.5 ft<sup>3</sup> of grout. Once mixed to proper consistency, grout should be pumped through a tremie pipe with a positive displacement pump from the bottom of the well up to the surface. Pumping should continue until the grout at the surface reaches the initial mud weight of 9.4 lbs/gal.

## TYPICAL PROPERTIES

Bulk Density	70.3 lbs/ft <sup>3</sup>
Specific Gravity	2.6 g/cm <sup>3</sup>
pH	8.0

## PACKAGING

50 lb bag, 48 per pallet. All pallets are plastic-wrapped.