

PUREGOLD[®] GROUT

HIGH-SOLIDS GROUT



DESCRIPTION

PUREGOLD GROUT is an easy mixing, organic-free, high-solids bentonite 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 1×10^{-7} to 1×10^{-9} cm/sec
- pH range from 5-6 standard units
- Remains flexible, maintains putty-like consistency over time and will re-hydrate
- Thermal Conductivity 0.45 Btu/hr/ft/F (0.75 watts/meter K)

MIXING AND APPLICATION

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 (22.7 kg bag of grout to 53 liters) of freshwater. This ratio will yield approximately 2.2 ft³ (62.2 liters).



BULK DENSITY

75.55 lbs/ft³ (1.21 kg/L) when mixed with water to a 30% solids grout.

PACKAGING

50 lb (22.7 kg) bag, 48 per pallet. All pallets are plastic-wrapped.

North America: 847.851.1800 | 800.527.9948 | www.CETCO.com

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