



CETCO® GROUT

High-Solids Powdered Bentonite 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 1×10^{-7} to 1×10^{-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 APPLICATION

Add one 50 lb (22.7 kg) bag of CETCO GROUT to 24 gallons (91 liters) of freshwater to produce 3.5 ft³ (0.1 m³) of grout. Once mixed to proper consistency, CETCO 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 (0.63 kg/m³).

TYPICAL PROPERTIES

Bulk Density	70.3 lbs/ft ³ (1.12 kg/L)
Specific Gravity	2.6 g/cm ³
pH	8.0

PACKAGING

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

