CETCO® HI-SWELL BFG

AUSTRALIAN SODIUM BENTONITE FOR BACKFILL GROUTS

DESCRIPTION

CETCO HI-SWELL BFG is an easy mixing, high quality 200 mesh product made from naturally occurring sodium bentonite. It is selectively mined to produce a low bleed grout at reduced dosage rates. CETCO HI-SWELL BFG is made from a high-grade Australian sodium bentonite and it is designed for use in various civil engineering applications.

RECOMMENDED USE

CETCO HI-SWELL BFG is designed for use in various civil engineering applications including; backfill grouting for TBM projects, slurry walls/cut-off walls, general purpose grouting and similar civil construction work.

MIXING AND APPLICATION

Water purity will affect bentonite performance. Mixing is best accomplished by adding CETCO HI-SWELL BFG slowly through a jet/hopper mixer or colloidal mixer. Mixing ratios should be determined by an independent laboratory in accordance with the required project specifications. HI-SWELL BFG dosage rates are to be approved by the principal contractor as per the 'proven' mix design.

PACKAGING

25 kg bag, 1200 kg bulka bags, or pneumatic tanker.

GENERAL PROPERTIES	
Property	Typical Value
Bulk Density (tonnes/m³)	~0.9 mt/m³
Moisture	Max 13%
pH (6.25% solids)	8 to 11
CEC (meg/100g)	>75 meg/100g
Wet Screen Analysis	<2.5% on 75 um

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MINERALS TECHNOLOGIES
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