



بيتروكاس تونس

PETROCHEM TUNISIA

BENTOBLOCK

LOW PERMEABILITY SEDIMENT CAP MATERIAL

DESCRIPTION

BentoBlock is natural sodium bentonite screened to 3/8 inch (0.95 cm) to 3/4 inch (1.90 cm) in size. BentoBlock is certified to NSF/ANSI Standard 60, Drinking Water Treatment Chemicals - Health Effects.

APPLICATIONS

BentoBlock is specially formulated for use in the following applications:

- Mix with aggregate and deploy as a low-permeability sediment cap
- Mix with aggregate and deploy as a low-permeability barrier as part of funnel and gate system.

FEATURES

- Chemically stable. Results from TCLP Priority Pollutants analysis are below RCRA limits for hazardous constituents*. NSF/ANSI Standard 60 certified.
- Creates self-sealing low-permeability layer.
- Provides a high-solids bentonite seal

MIXING AND APPLICATION

Bagged material should be screened of fines before placement. For waterway applications, deploy slowly directly over water surface and allow to settle through water column. Do not tremie through water.

TESTING DATA

PHYSICAL PROPERTIES	
Property	Results
Bulk Density	67.30 lbs./ft ³ (1.08 kg/m ³), typical
Hydraulic Conductivity	2 x 10 ⁻⁸ cm/s*
Sieve, passing 100 mesh, AS SHIPPED	< 1.5% maximum
Attrition, Ro-tap w/ steel bearings, 30 minutes	< 4% weight loss
Swell, 500 grams, @ 24 hours	1100 ml, minimum

PACKAGING

BentoBlock is available in the following packaging option:

- 2500 lb. (1,135 kg) super sack bag.