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.
• Deploy around submerged structures in conjunction with Bentomat CL geosynthetic clay liner.
• For freshwater applications only. For saline conditions, contact CETCO Technical Sales Manager.

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.

PACKAGING
BENTOBLOCK® is available in the following packaging option:
• 2500 lb. (1,135 kg) super sack bag.

* Historic data, available upon request.

TESTING DATA

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST METHOD</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Density</td>
<td>CETCO Test Method</td>
<td>67.30 lbs./ft³ (1.08 kg/m³), typical</td>
</tr>
<tr>
<td>Hydraulic Conductivity</td>
<td>ASTM D5084</td>
<td>2 x 10⁻⁸ cm/s*</td>
</tr>
<tr>
<td>Sieve, passing 100 mesh, AS SHIPPED</td>
<td>CETCO Test Method</td>
<td>&lt; 1.5% maximum</td>
</tr>
<tr>
<td>Attrition, Ro-tap w/ steel bearings, 30 minutes</td>
<td>CETCO Test Method</td>
<td>&lt; 4% weight loss</td>
</tr>
<tr>
<td>Swell, 500 grams, @ 24 hours</td>
<td>CETCO Test Method</td>
<td>1100 ml, minimum</td>
</tr>
</tbody>
</table>

FORM: TDS_BENTOBLOCK_AM_EN_201705_V2