

ENVIRO-SEAL® 16

ENVIRONMENTAL BENTONITE

ENVIRO-SEAL® 16 is a natural granular sodium bentonite (clay) engineered to optimize the effectiveness of geosynthetic clay liners and waterproofing membranes. When hydrated, ENVIRO-SEAL 16 has an exceptionally low permeability and a high swelling capacity. Due to these unique properties, it is well-suited to a variety of waterproofing and sealing applications and may be used as a component of waterproofing membranes for both residential and commercial use. It works well as a coagulant in the field of wastewater treatment and has a high affinity for cationic contaminants. It also can be used to remove undesirable compounds from aqueous systems to enhance clarification.

Property	Method	Specification
Moisture, %	ASTM D5993	12.0 Max
Fluid Loss, ml	ASTM D5891	≤18
Swell Index, ml	ASTM D5890	≥24
Fraction ≥ 16 mesh, %	ASTM C136	≤15
Fraction < 70 mesh, %	ASTM C136	≤10
Fraction < 200 mesh, %	ASTM C136	≤2

Packaging

ENVIRO-SEAL is available in bags, bulk bags, bulk trucks, and bulk rail and can ship from our Colony, WY plant.

Applications/Functions

- Geosynthetic Clay Liners (GCL)
- Seal overlaps of geotextiles layers
- Backfill for radioactive waste disposal
- Coagulant
- Suitable for absorption of specific dyes, pesticides, or heavy metals

Advantages

- Granular size enables ease of handling and minimizes dust
- Environmentally acceptable, non-biodegradable and non-toxic
- NSF Standard 60 Certified



Bentonite Performance Minerals LLC A Halliburton Company

3000 N. Sam Houston Pkwy E. Houston, TX 77032-3219

Phone: 281.871.7900

Email: BPMsales@halliburton.com

www.bentonite.com

Sales of BPM products and services will be in accord solely with the terms and conditions contained in the contract with BPM, its affiliates, and/or authorized distributors that is applicable to the sale ©2021 Bentonite. All Rights Reserved. ENVIRO-SEAL® is a registered trademark of Halliburton.

Rev. 10/2021

