

# GEOFOAM SOLUTIONS

## Lightweight Fill for Geotechnical Use



### When Every Project Demands Reliability

Benchmark Foam delivered one of the largest geofoam projects in U.S. history, overcoming extreme weather delays while maintaining an aggressive 3-month timeline. Working with the North Dakota Department of Transportation on a major bridge embankment project, we moved:

- 33,955 cubic yards of material
- 3,600 cubic yards weekly (27+ truckloads)
- Through challenging site conditions

### Geofoam: The Smarter Fill Solution

Our closed-cell EPS geofoam delivers 50-100x lighter weight than traditional fill with unmatched versatility:

#### Key Benefits:

- **Eliminates settlement issues** on unstable soils
- **Reduces lateral pressure** by up to 99% vs. soil
- **Stabilizes slopes** with predictable load distribution
- **Accelerates construction** - installs in any weather
- **Insulates against frost** damage year-round
- **Simplifies complex projects** - bridges, tunnels, underpasses
- **Environmentally safe** - no CFCs, recyclable, inert

*"The foam was the key factor in the success of the reconstruction process... We would consider foam not only on future embankment projects, but also on new construction over soft foundation soils."*

*Chuck Hubbard* - Principal Engineer, Braun Intertec Corporation



### Precision-Engineered for Your Project

- ASTM D6817 compliant
- Custom block fabrication available
- Complete physical property specs provided
- Technical support from design through installation

**Download Resources:**  
Physical Properties Table

### Our Commitment

Benchmark Foam is the most responsive foam manufacturer in the industry. We are serious about our customers, products, and promises, and we diligently strive to surpass our daily standards.

As a Benchmark Foam customer, you will benefit from exceptional products and guaranteed on-time delivery by people interested in your business's success and profitability. We will prove our commitment to you with every order.

### Let's Build Something Remarkable

Contact our geofoam specialists today to discuss your project needs.

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[www.BenchmarkFoam.com](http://www.BenchmarkFoam.com)