

Shelter *Geofoam*

Enterprises

Light Weight Structural Fill

Shelter Geofoam

What is Geofoam? Geofoam is expanded polystyrene (EPS) manufactured as large lightweight, structural blocks. That vary in size, as required for a particular project.

The primary function of geofoam is to provide a lightweight, void filler below a highway, bridge approaches, embankments, planter beds, etc. – and minimizes settlement on underground utilities.

Geofoam is used in major applications as lightweight fill, green roof fill, thermal insulation, structural void filling, and drainage.

Geofoam has been proven for years to work in conditions where other fill materials such as wood chips, formed concrete, waste products and even natural soils have failed. Geofoam offers ease of installation due to its light weight make up and its proven durability to retain its physical properties under engineered conditions.

Shelter Enterprises Geofoam maximizes on-site efficiency, arriving labeled according to job layout, and ready to place, requiring no special handling or inventory and best of all geofoam can be installed in any weather condition.

The compressive strength of Geofoam provides the stability needed for concrete and landscape applications such as stadium seating, theaters, floor elevation changes and green roofs.

Typical Applications

- Green Roofs
- Roadway Bases
- Retaining Walls
- Median Barriers
- Berm Structures
- Utility / Conduit Protection
- Bridge Abutments
- Embankments
- Landscaping / Planters
- Lightweight Backfill
- Custom Structural Concrete forms

Benefits

- Light weight
- Easily handled
- Easy to field cut
- Unaffected by weather
- Custom fabrication
- Available in a variety of sizes
- Quick turn-around time
- Custom layout plans available

Geofoam Underground Stabilization System

Geofoam is available in many configurations to assist in solving your fill needs associated with hydrostatic pressure, gases such as radon, pressures associated with expansive soil or seismic pressures.

Shelter Enterprises Geofoam products meet or exceed the industry standards of ASTM D6817.

