

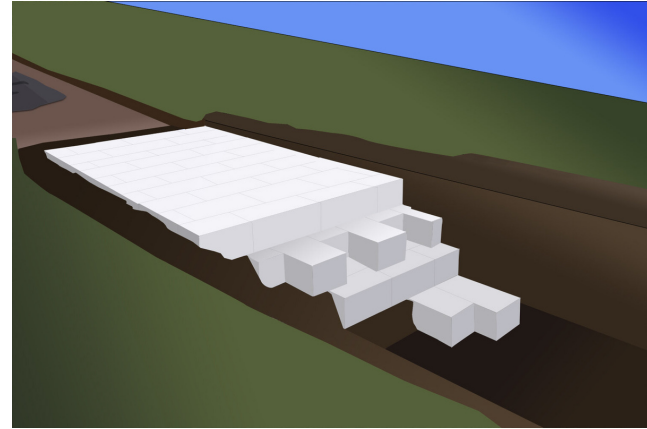
# ShelterFoam Geof foam 39

Enterprises, Inc

EPS Type 39

## ShelterFoam Geof foam - Type 39

ShelterFoam Geof foam 39 is an engineered, light weight geosynthetic fill material manufactured from premium closed-cell Expanded Polystyrene (EPS.) ShelterFoam Geof foam 39 provides superior compressive strength and dimensional stability for a wide range of geotechnical projects . In addition it meets or exceeds the highest standards under ASTM C578 and D6817 for EPS and is recognized by the International Code Council Evaluation Services (ICC-ES.).



## ADVANTAGES

- **Lightweight:** significantly lighter than soil
- **Mold and Mildew Resistant:** Does NOT support growth
- **Insect repellent:** EPA additive added during manufacturing process to deter insects
- **Water Resistant:** Underlying closed-cell properties will not readily absorb water from environment
- **Code Conforming:** Manufactured from UL and FM approved raw materials. Recognized by ICC-ES
- **Environment Friendly:** No off-gassing and does NOT contain HFSc, CFCs, or HCFCs
- **Testing:** Independent 3rd party certification and testing

## APPLICATIONS

- Roads and highways
- Bridge abutments
- Retaining structures
- Concrete slab build-up
- Loading docks and ramps
- Plaza Decks
- Buried utilities protection
- Landscaping
- Berms and embankments

Shelter Geof foam EPS Type 39			
Physical Properties		Shelter EPS 39	Test Method
Nominal Density	lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	2.40 (38.4)	C303
Compressive Resistance (1%)	Min PSI	15.0	D1621
Compressive Resistance (5%)	Min PSI	35.0	D1621
Compressive Resistance (10%)	Min PSI	40.0	D1621
Flexural Strength	Min PSI	60.0	C203
Water Absorption	% Volume*	0.0%	C272
Water Absorption	% Weight	<1.0	C272
Dimension Stability	% Change	<2.0%	D2126
Buoyancy Force	lb/ft	60.0	-
Elastic Modulus	Min PSI	1,500	-
Oxygen Index	% Volume	24%	D2863

\*Data is based on XPS water absorption testing. Results indicated XPS swelled, while EPS drained and maintained shape

## SIZES AND CUSTOMIZATION

Lightweight and easy to cut custom shapes and sizes for any application

- Stock lengths & widths: 1' x 8', 2' x 8, 4' x 8'
- Stock thicknesses: 1/4" to 54"
- Custom sizes (length, width, thickness) available
- Tapered sheets available
- Gripper plates available

FOR ADDITIONAL RESOURCES VISIT OUR WEBSITE: [WWW.SHELTER-ENT.COM](http://WWW.SHELTER-ENT.COM)



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