



BUILDING SOLUTIONS
BROCHURE

GEOFOAM LIGHTWEIGHT FILL

TRANSPORTATION | COMMERCIAL CONSTRUCTION | LANDSCAPE APPLICATIONS



Atlas Geofoam

Atlas Geofoam is a lightweight engineered fill that is designed to deliver the highest level of stability for transportation, commercial construction, and landscaping applications. Due to its physical strength and predictable dimensional properties, you can feel confident that you have full control over your geotechnical projects. Manufactured under an industry leading quality control program, Atlas Geofoam meets or exceeds ASTM D6817 standards, providing an HFC free, recyclable, and cost-effective solution for all your lightweight fill needs. Think beyond the block with Atlas Geofoam.



**DIMENSIONALLY
STABLE**



**SPEED & EASE
OF USE**



**LIGHTWEIGHT
FILL**



**VALUE
ENGINEERING**



**LIMITED 10 YEAR
WARRANTY**

PHYSICAL PROPERTIES

See *Geofoam Lightweight Fill Tech Data Sheet* for a full listing of the physical properties.

PRODUCT NAME	ASTM D6817 TYPE	DENSITY (LB/FT ³)	COMPRESSIVE RESISTANCE AT 1% STRAIN	
Atlas Geofoam 12	EPS 12	0.70	2.2 PSI	317 PSF
Atlas Geofoam 15	EPS 15	0.90	3.6 PSI	518 PSF
Atlas Geofoam 19	EPS 19	1.15	5.8 PSI	835 PSF
Atlas Geofoam 22	EPS 22	1.35	7.3 PSI	1,051 PSF
Atlas Geofoam 29	EPS 29	1.80	10.9 PSI	1,570 PSF
Atlas Geofoam 39	EPS 39	2.40	15.0 PSI	2,160 PSF
Atlas Geofoam 46	EPS 46	2.85	18.6 PSI	2,678 PSF



BENEFITS

- Atlas Geofoam is engineered to deliver the highest level dimensional stability, providing predictable material behavior.
- Utilizing an interlocking stack of Atlas Geofoam blocks allows you to quickly fill large areas without compaction, making the installation quick and easy.
- Atlas Geofoam weighs approximately 1/100th the weight of soil, significantly reducing the stress on underlying or adjoining soils and structures.
- Various in-house services makes Atlas Geofoam an easy choice: volume estimates, value engineering, shop drawings, and accredited laboratory validation of physical properties.
- Atlas Geofoam is backed by a limited 10 year warranty for compressive resistance. See separate Atlas Geofoam warranty for terms and conditions.

APPLICATIONS

- Bridge Abutments
- Retaining Structures
- Soil Stabilization
- Built-up Slabs
- Berms, Embankments & Land Forming
- Floor Elevation Changes
- Plaza Decks
- Weight Reduction Over Utilities

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**GREATER COVERAGE
GREATER AVAILABILITY**



Atlas Molded Products, a Division of Atlas Roofing Corporation

