



VEGETATIVE ROOFING COMPONENTS

GEOFOAM INSULATION

Plaza Geofoam

Product #

3196

Our Plaza Expanded Polystyrene (EPS) Geofoam Insulation is a multi-functional product engineered to provide control of structural integrity and cost effectiveness. Specific to this product, it:

- is **approximately 10% the weight** of other lightweight fill alternatives
- is an **efficient thermal insulator**, retaining its R-Value and strength after exposure to moisture and freeze-thaw cycles; warranted to maintain 100% of its claimed R-value for 20 years
- has a closed-cell structure that **limits water absorption**; exposure to water or water vapor does not cause swelling
- is produced in blocks that can be **easily cut** into various shapes & sizes on site to suit specific project needs
- can be **reground, recycled, and reused** in many composite applications
- can be manufactured with a proven and safe additive that **effectively resists termites**
- is available with a **precut taper** to provide positive drainage



Tiered pricing based on product quantity



8' x 4' sheets are cut to the required thickness
3,072 BF per Pallet

TECHNICAL DATA

Materials:

- High Compressive Strength / Rot proof EPS with liquid uptake resistance

Thermal Resistance (R-Value):

- 4.20 per 1" thickness

Moisture Resistance:

- 2% maximum absorption by volume

Oxygen Index:

- 24% by volume

Flexural Strength:

- 60 lbs. / in²

Dimensional Stability:

- 2% maximum change in dimension

Compressive Resistance:

- 15.0 lbs. / in² at 1% strain
- 35.0 lbs. / in² at 5% strain
- 40.0 lbs. / in² at 10% strain

Density / Weight:

- 2.40 lbs. / ft³

Vegetated Roofing Use:

- Intensive / Plaza blue & vegetated roofs
- < 2000 lbs. / ft²