

**Recycled Foam Glass Aggregate**

**NEW!** A Foam Fill Made from 99% Locally Sourced Post-Consumer Recycled Glass

**Recycled Foam Glass Aggregate Advantages:**

- ❖ Lightweight
- ❖ Load Bearing
- ❖ Cost Effective
- ❖ USA Made
- ❖ Non-Flammable

**Description:**

A ‘Green’ Option to take the place of XPS and EPS Geofoam Fill on the rooftop. A lightweight, Load-Bearing ‘aggregate’ material that can be used under Planting areas, Pedestrian and Vehicular Paving.

While newly manufactured in the USA, this product has been successfully used in Europe for over a decade. Used as a lightweight fill our Foam Glass Aggregate has a Closed cell structure, so it holds up to freeze/thaw cycles and is also non-leaching.

Recycled Foam Glass Aggregate is easy to install, just compact into place. Easy to fit to irregular shapes and mounds-no cutting boards!

**Provides Thermal Insulation (R-Value)**

Wet Value 1.3 per Inch  
Dry Value 1.7 Per Inch

**No Contribution to Fire:** Classified as Class 1 or Class A (Non-Flammable)

ASTM 84 E (UL723, NFPA 255)

- Free Draining
- Frost Resistant
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**Product Weight:**

Delivered Bulk Dry Density: 12- 15 lbs./CF  
Compacted Dry Bulk Density: 15 -19 lbs./CF

**Product Particle Size Range:** 0.375” - 2.5”

Sieve Size	Total Percent Passing
4”	100 %
2-1/2”	85-100%
3/8”	0-15%

**Compaction Rate:** 1.25: 1



Capital One Center ‘The Perch’ 11<sup>th</sup> Story rooftop park installed over Columbia Green Recycled Foam Glass Agg. Photo Credit Capital One Center



Capital One Center ‘The Perch’ Columbia Green Recycled Foam Glass Agg. Installation.

**Load Bearing:**

100 PSI + At 10% Deformation

**Porosity**

Uncompacted: 0.5  
Compacted 0.38

**Stability:** Can be sloped to a 45 Degree Angle for side slopes  
Angle of internal Friction *ASTM D3080 modified*

**Delivery:** Delivered in Bulk or Super Sacks

**LEED Materials Transparency Information:**

Post-Consumer Recycled Content= 99%

- Many manufacturing locations across the US, contact us for nearest location.

**Installation**

- Install in bulk in 12" maximum lifts, then plate compact per specifications
- Cover or install capping material
- No post installation maintenance required.

**Storage:**

- Store components in a dry area away from sources of ignition and extremely high temperatures.
- Handle and store materials, and place equipment in a manner to avoid overloading roof structure or damaging roofing membrane.
- Protect and Cover materials

**Precautions:**

- Avoid prolonged exposure to sunlight, heat, sparks and open flames.
- Wash exposed skin prior to eating, drinking or smoking and at the end of each shift.
- Wear a mask and gloves during product installation

