

# Montgomery Bell Academy

## Application

39,000 cubic feet of Foam-Control® EPS Geofoam was installed as green roof fill for the Montgomery Bell Academy in Nashville, Tennessee.

## Project Details

From 2009-2011 the Montgomery Bell Academy, a prestigious private school in Nashville, added several additions to their campus to accommodate its increasing enrollment. Some of the new additions to the campus include a new parking garage and soccer field which were combined into one structure.

Architects, Jeffrey L. Bruce & Co. designed the soccer field to be located on the rooftop of the parking garage. Conventional fill material would put too much axial load on the parking structure. As a result, 2,460 6" x 4' x 8' sheets of Type EPS 29 Geofoam (10.9 psi) were used to lighten the load on the parking structure and allow for the soccer field to be successfully built.

The soccer field consists of a 3 layer system: an EPS Geofoam base, drainage and cushioning layer or Brock, and a synthetic field turf. EPS Geofoam has been used nationwide as a lightweight fill in commercial applications such as green roofs & landscapes, floor elevation, stadium seating, pools and pool decks, and compressible inclusions.

## Geofoam

### Montgomery Bell Academy

- Nashville, TN
- Summer 2011
- Geofoam Green Roof Fill
- 39,000 Cubic Feet

### Architect

Brian Davis  
Jeffrey L Bruce & Co.

### Contractor

Andrew Bowling  
The Parent Company



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