# UW Student Union

## Application

16,500 cubic feet of tapered Foam-Control® EPS 39 Geofoam was used as flat & tapered void fill on the roof top of the University of Wisconsin - Green Bay Student Union.

## Project Details

In summer 2007, engineers were posed with two challenges when expanding the student union in which a library would be built on the roof top of the new structure. First, the student union roof top was structurally sloped, which required varying thicknesses of tapered fill. Second, some areas of the roof were up to 26 inches deep, in which many synthetic fill materials could not be manufactured at this size. Originally, engineers decided to use extruded foam but later realized extruded planks could not be manufactured thick enough and would be more difficult to taper.

Foam-Control® EPS Geofoam is manufactured in large, light weight 40" x 4' x 16' blocks that were easily moved into place. The tapered EPS provided a level concrete roof deck on the expanded structure where the new library was built.

**Geofoam**

**UW Student Union**
- Green Bay, WI
- Summer 2007
- Geofoam Void Fill
- 16,500 Cubic Feet

**Architect**
Dave Ewanowski
KEE Architects

**Engineer**
Paul Auer
Miron Construction Co.