

**Utah State Capital**

Salt Lake City, UT  
Summer 2007  
Geofoam Void Fill, Green  
Roof & Landscaping  
127,000 Cubic Feet

**Application:**

127,000 cubic feet of EPS 19 and 29 Geofoam was used to reduce the weight of heavy soil on the below grade parking structure at the Utah State Capital.

**Project Details:**

**Engineer:**

Parry Brown  
Reaveley Engineers

**Contractor:**

Ted Siri  
Grant Mackay Construction

In summer 2007, engineers selected geofoam as the project's light weight fill. Before Geofoam was installed on top of the below grade parking garage, the concrete structure was flooded and tested for leaks. A prefabricated drainage matt was applied to ensure proper water drainage.

Two to three layers of EPS 19 Geofoam was installed on the drainage matt. Above the Geofoam a fabric filter was applied to prevent soil from slipping between the cracks of the Geofoam blocks. Two feet of landscaped soil covers the Geofoam. EPS 29 Geofoam was installed under areas where an adjacent roadway passes the capital. Geofoam was also used to create elevation changes for landscaping.

