

**Maharishi University
Student Union**

Fairfield, IA
Fall 2007
Geofoam Structural Fill
47 Cubic Yards

Architect/Engineer:

Arthur Yuenger

Contractor:

Thomas Pappin
Construction Management

Distributor:

Steve Chmelar
Carroll Distribution &
Construction Supply

Application:

47 cubic yards of EPS 15 Geofoam with Perform Guard termite resistance treatment were used as an engineered, structural fill beneath an inclined concrete stairway at the Maharishi University of Management in Fairfield, Iowa.

Project Details:

The Maharishi University Student Union was originally delayed for six months due to the project management not being able to locate a local contractor who could build the large entrance stairway to the building.

Riser Solutions, an innovative tiered concrete forming system, presented an option to the construction management firm that incorporated pre-cut Geofoam blocks for the stairways fill. Installation of the Geofoam blocks is much easier and more accurate than compacting fill to support the concrete stairs.

The designer sized the Geofoam blocks to allow for maximum use of the material, combined with cost effectiveness. The pre-engineered Geofoam elevation fill saved installation time and was easily designed to meet the needs of the project's specifications.

