

California Academy of Sciences

San Francisco, CA
Spring 2007
Geofoam Green Roof and Landscaping
4,000 Cubc Yards

Architect:

Renzo Piano
Renzo Piano Building
Workshop Architects

Stantec Architecture

Engineering and Sustainability Consulting:

Ove Arup and Partners

Contractor:

Jake Cacciato
Jensen Corporation

Application:

4,000 cubic yards of EPS 15, 19 and 29 Geofoam was installed as light weight void fill on the roof deck of a below-grade parking garage at the new California Academy of Sciences in San Francisco, California.

Project Details:

Spring 2007, engineers utilized EPS Geofoam for its light weight and high compressive strength. Geofoam was used to reduce the amount and weight of soil on the below-grade parking garage. Above the Geofoam soil was backfilled in which grass, trees and flowers were later planted.

The EPS Geofoam in this project ranges in thicknesses from 3 feet to 9 feet. EPS Geofoam was also specified for its ability to earn LEED credits. The California Academy of Sciences is the largest Platinum LEED Certified Building in the world.

