California Academy of Sciences

3,700 cubic yards of Foam-Control® EPS15, EPS19, and EPS29 Geofoam was installed as lightweight 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, subcontractor, Jensen Corporation, chose ACH Foam Technologies to supply 3,700 cubic yards of Geofoam. “ACH was chosen because they were willing to make such large quantities of the material to spec at short notice, and came highly recommended because of the quality of their product,” said James Zavala, estimator for Jensen.

Geofoam saved approximately 1.00-1.25 tons of weight on the below-grade parking garage. Due to the vastness of the construction project, some areas of the parking garage were not prepared for delivery of the huge quantities of Geofoam. To accommodate the project, ACH Foam Technologies staged delivery of Geofoam and trimmed the 4' x 8' blocks down to 6", 12", 24", and 3' sizes.

The Geofoam blocks varied from 6" to 4' in depth and were covered with a layer of ProPex 4547 geotextile fabric, followed by 2' of soil for planting. The California Academy of Sciences is the largest public Platinum-rated building in the world and the world’s greenest museum.