Salt Lake City Public Safety Building

Application

Foam-Control® EPS15 Geofoam was used as a seismic foundation stabilization, structural fill, and landscape fill on a new Public Safety Building constructed in Salt Lake City, Utah.

Project Details

An estimated 5,000 cubic yards of ACH Foam Technologies’ Foam-Control® EPS15 Geofoam was used to address several constructability challenges on the public building located in seismically-vulnerable Salt Lake City, Utah. Engineers needed to ensure the building could withstand an earthquake and emergency personnel would have a safe base of operations in the event of a disaster.

Foam-Control® EPS15 Geofoam was used to provide a lightweight barrier around a below-grade tunnel connecting the building to the parking structure. Geofoam was used throughout the parking garage in every area where the amount of required fill would exceed 3’. The reduced weight allowed the garage foundation to be designed with less concrete. Geofoam was also used in elevated planters around the building and in areas that required fill and were difficult to access with soil.