Prudential Plaza Rooftop Renovation

Application

Foam-Control® EPS15 and EPS46 Geofoam was used to convert an unused roof deck into a modern, landscaped amenity for a commercial office property in Chicago, Illinois.

Project Details

Investing more than $85 million into building renovations, Prudential Plaza’s owners envisioned a top-to-bottom rehabilitation, crowned by a 13,000 square foot rooftop amenity deck on the 11th floor. The transformation is highlighted by a fully wired amphitheater, fire pit lounge, and a small lawn accompanied by a new 12,000 square foot fitness center and a 7,000 square foot clubhouse, all of which are for exclusive use by building tenants and employees.

ACH Foam Technologies’ Foam-Control® Geofoam was used in two different densities as a lightweight structural fill material. EPS15 Geofoam was used in areas with plants and vegetation that wouldn’t generally bare any foot traffic. EPS46 Geofoam, chosen for its exceptionally high compressive strength, was used as a structural fill across the design’s many grade changes and in areas that would bear more live loads. Both the landscape architect and contractor appreciated the benefits of being able so see the fully-formed Foam-Control® Geofoam structure before the concrete was poured and rework would be significantly more complicated.

Geofoam

Prudential Plaza Rooftop Renovation
- Chicago, IL
- Winter 2014
- Foam-Control® EPS15 and EPS46 Geofoam Green Roof and Landscape Fill
- 852 Cubic Yards

Contractor
Christy Webber Landscape

Landscape Architect
Wolff Landscape Architecture