

**Millennium Park /
Lurie Garden**

Chicago, IL
Summer 2004
Geofoam - Green Roof
18,400 Cubic Yards

Application:

EPS Geofoam transformed 2 subterranean parking garages with 4,000 parking spaces into a green roof.

Project Details:

City planners wanted to build a cutting-edge public facility that made a statement, while providing a free cultural venue for Chicagoans and tourists. EPS Geofoam helped to transform unsightly railroad tracks and parking lots into a world-renowned public space.

Engineer:

McDonough Associates
KPFF Consulting Engineers

Landscape Architect:

Terry Guen Design & Associates
Gustafson Guthrie Nichol Ltd.

Project Management:

URS Corporation
Spectrum Strategies

EPS Geofoam was specified instead of soil to reduce the weight of the park over the parking structure below, which transformed the 24.5 acres into usable space. EPS Geofoam was also used in landscape features throughout the park which helped architects their specific design while maintaining proper water drainage.

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The structural deck was designed to support four-feet of growing medium and is not limited by the pattern of the structural columns in the parking garage. The end result is varying profiles of growing medium with sand drainage throughout the project ranging from 8 inches to 4-foot depth.

The versatility and simple installation of EPS Geofoam allowed construction to continue throughout the harsh Chicago winter.

The Pavilion is a backdrop to the 7,000 seats of the Great Lawn. A 95,000 square foot reinforced natural turf lawn, spanned by a grand steel trellis, holds lighting and a state of the art sound system. Designed for extreme traffic use the Pavilion's Great Lawn is situated on top of EPS Geofoam.

Millennium Park also proves that carefully conceived urban centers can be redesigned with green roofs, changing key locations of civic blight into cultural and economic amenities, and generators of urban pride.

