Application

5,000 square feet of tapered Foam-Control® PLUS+® 600 was used to insulate a new plaza deck being built on top of an existing parking garage serving a residential high-rise along Chicago, Illinois’ famous Lake Shore Drive.

Project Details

This rooftop renovation project re-positioned an unused garage roof as a new amenity plaza for residents in a Lake Shore Drive condominium building. Designers were looking for an insulation that would cost-effectively insulate the parking garage while also having a high enough compressive strength to withstand the weight of the landscaped plaza above.

5,000 square feet of tapered Foam-Control® PLUS+® 600 was installed over the rubberized asphalt waterproofing system. The large 4’ x 8’ sheets with thicker profiles decreased the required labor, which was welcome news for the contractor. Foam-Control® PLUS+® is also less expensive than comparable extruded polystyrene (XPS) systems without the long-term R-value degradation common to XPS products.

1000 Lake Shore Drive
• Chicago, IL
• Summer 2013
• Foam-Control® PLUS+® 600 Tapered Roof Insulation
• 5,000 Square Feet

Contractor
Berglund Construction

Engineer
Wiss, Janney, Elstner Associates, Inc.