Mariano’s Market

Application

367,584 board feet of flat Foam-Control® PLUS+® 400 and 12,560 board feet of tapered Foam-Control® PLUS+® 400 was used to insulate a roof-deck parking structure and provide a drainage slope at a new Mariano’s Market in Chicago, Illinois.

Project Details

The new 70,000-square-foot Mariano’s Market store has rooftop parking which required split slab construction for the roof deck. To maintain efficiency inside the store, designers needed an insulation material with a high R-value and a high compressive strength. ACH Foam Technologies’ Foam-Control® PLUS+® 400 costs 10 to 30 percent less than comparable roof insulation solutions and comes with a 50-year R-value warranty, as compared to the 20-year warranty other EPS insulation manufacturers offer. Mariano’s construction team also wanted thicker pieces of insulation, which are available from ACH Foam Technologies, but not available from other rigid foam insulations.

Adaptable and cost-effective ACH Foam Technologies’ products were used throughout the project, from insulating the roof-deck parking structure and providing a slope for the building’s drains to being used as an infill for rooftop planter boxes. Planter box infill was comprised of 2,395 cubic feet of Foam-Control® EPS15 Geofoam.

Roof Insulation

Mariano’s Market
- Chicago, IL
- Spring 2014
- Foam-Control® PLUS+® 400 Roof Insulation
  - 380,144 Board Feet
  - Foam-Control® EPS15 Geofoam Planter Box Infill
  - 2,395 Cubic Feet

Architect
Antunovich Associates

Contractor
Novak Construction Company