

### Case Study: Energy-efficient and sustainable roofing that is cost-effective, feasible and proven.



**Description:** The \$100 million project, which spans three city blocks, includes an administration center consolidating 15 county departments, a probation building, a five-level parking center, and a public plaza and courtyard. The configuration comprises 64,000 square feet of complex roofing surfaces.

**Challenges:** "One of the important things for the county was to have a cool roof," said Kanon Artiche, Solano County architect and project director. The philosophy of the project was to be environmentally responsible and stay within budget. We needed products that provided cost savings and lasting value – a roof with long-term performance that would contribute to energy savings."

**Solution:** Solano county officials selected a hot-applied four-ply built-up roof system with a TopGard® acrylic coating that was ENERGY STAR®-rated, California Title 24-compliant, and contributed to LEED® credits. "The JM products met every need," said Artiche. Larry Franco of Northwest Consulting & Inspections, Inc. added that "one of the reasons Solano County Roofing was selected as the roofing contractor for the project was their experience with creating slopes in the field and they did an outstanding job." Solano worked with JM's Tapered Insulation Group in Denver to develop an economical system that would provide maximum insulation value while still creating critical positive drainage.

**Location:**  
**Fairfield, California**

**Building Representative:**  
**Solano County**  
Kanon Artiche  
Architect & Project Director

**Contractor:**  
**Solano County Roofing, Cordelia, California**  
Wolfgang Folk, President and Owner  
JM Peak Advantage® Peak Level Contractor

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½" Tapered Pre-Cut Crickets  
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