



Sumner Public Schools

New roof, proper details keep school dry

Sumner, Nebraska

Use of ESU/AEPA agreement expedites project.

The roof had been a problem at Sumner High School. The original Built-Up Roof (BUR) leaked, as did the retrofit ballasted EPDM roof. Poor flashing details allowed water to enter the roof system, and was the source of several leaks in the classrooms.

With school starting, the district wanted the problem to end. Tremco Roofing representative Kent Marschman and contractor Western Roofing inspected the 7,000 square foot roof and found extensive damage; a tear-off and replacement was the only solution.

Western's team removed the EPDM roof and the BUR down to the deck. The existing metal wall panels were cut back to allow for the construction of a wall that could be properly flashed. They then installed a multi-layer BURmastic composite ply system with a POWERply cap sheet. The new roofing system immediately eliminated the leaking problems. BURmastic systems are known for their durability and exceptional weatherproofing capabilities. In addition, three different flashing details were required along one side of the roof's west side. The work was conducted while school was in session, with little disruption to the students, faculty and staff.

Besides being accomplished in a very short time period, the project was unique because the district employed the Nebraska ESU Cooperative Purchasing/AEPA agreement*. A QA Plus Agreement that provides for regular inspections and other maintenance services will give the district peace of mind well into the future.

**The school contracted with Tremco through its membership in Nebraska ESU Cooperative Purchasing (contract number IFB#001-Roofing). This slashed Sumner's procurement time, provided pre-approved line item pricing, increased the school's value and control of the job, and resulted in a shorter project time with fewer hassles or change orders at a lower cost.*

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BURmastic® Roofing System

- Multi-ply, hot- or cold-applied Built-Up roof system
- Seamless monolithic membrane provides outstanding tensile strength and superior weatherproofing characteristics
- Features FM Global approval
- VOC-compliant adhesives
- Spray-on application easy to apply, with fewer personnel, while increasing production levels

QA Plus Agreement

- Provides roof inspections, preventive maintenance and housekeeping services in specific years during the agreement's life