



West Roofing Systems, Inc.

Customer Type: Hospital

Project Size: 16,000 square feet

Location: Orville, Ohio

Project

The existing roof assembly mainly consisted of

ballasted EPDM with insulation board over a concrete deck. Four sections of the roof were to be done separately, with sections requiring simple recoating while other sections required complete removal of the existing roof. Recycling roofing material was a major part of this project. While the bulk of the project was completed in 2010, different areas of the roof were worked on in 2009 and final projects will be completed in 2011.

Specifications

- Vacuum and dispose of ballast.
- Remove EPDM and collect it for recycling.
- Remove and recycle insulation board.
- No roofing debris taken to a landfill.
- WDG spray polyurethane foam (SPF) applied over concrete or existing foam after scarification.
- Apply base coat, topcoat and granules.

Implementation

The West Roofing crew completed the major phase of this project in two and a half weeks. The new roof was robotically applied with auto-slope technology from West Development Group. A base coat and topcoat were applied over the SPF. Installing a covering of granules completed the project. Previous work was completed in 2009, which consisted of transitioning a section of SPF to a slate roof and insulating sidewalls of roof monitors with SPF to movement of siding in extreme heat. Work on the final phase will continue in 2011.

Customer Benefits

Work was completed in phases to minimize construction inconvenience in a hospital environment, and to accommodate hospital budgets. Noise, overspray, odor, and privacy issues were addressed to meet customer requirements. The SPF roof eliminated leaks and has a 15-year warranty.

West Roofing Systems

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West Roofing Systems, Inc. is the contractor of choice for installing high quality, sustainable, spray polyurethane foam (SPF) roofing systems that waterproof, insulate, and protect commercial and industrial buildings.

Since 1979 West Roofing Systems has installed over 50 million square feet of commercial and industrial roofing. Universities, hospitals, government buildings, retail and industrial buildings, as well as military facilities illustrate the variety of architecture and projects in our portfolio.

Turnkey Operations provided by West Roofing help reduce architectural costs and streamline all phases of a roofing project, from initial inspection to the application of an energy efficient, insulated roof system. Follow-up maintenance and manufacturer warranties keep your SPF roof leak free for decades.

A Single-Source Solution for almost every roofing situation: System 14[™]. An exclusive, sustainable roofing system, System 14 features a silicone topcoat applied over a spray polyurethane foam (SPF) base, creating a seamless, durable roof covering that uses no mechanical fasteners – eliminating moisture and leakage.

With Extensive Government and Military Experience, West Roofing Systems is a preferred contractor for the Federal Government and the Department of Defense. Multiple roofing projects in the U.S. and the Middle East – including general construction government buildings and military installations – illustrate our ability to move the people, products, and equipment wherever they're needed around the globe to get the job done on time and within budget.