



West Roofing Systems, Inc.

Baker Electric Building



Customer Type: Commercial Office Building
Project Size: 36,976 square feet
Location: Cleveland

Project

Renovating a century-old, urban, industrial-era building with "green" materials and energy savings features. The developer's LEED certified design, which measures and quantifies greenness, features a soy-based foam roof that contributed towards 11 LEED points to the building for its Silver Certification. Scheduling work with other contractors was crucial to timely completion of the project.

Specifications

- Refurbishing and cleaning 28,476 square feet of granulated modified bitumen membrane.
- Removing 8,500 square feet of EPDM, along with the removal of the membrane and underlying insulation assembly.
- New 1/2" high density wood fiberboard to be mechanically fastened.
- Apply a minimum of 3" of spray polyurethane foam (SPF) over fiberboard.
- Solvent-free base and intermediate coats.
- Solvent-free silicone topcoat.

Implementation

A six-man West Roofing crew completed the installation in 15 days. They used WDG System 14™ soy-based spray foam and solvent-free silicone coating products. The torn-off EPDM material was recycled by the West Development Group and used in new roofing products, including System 14 sealants and coatings.

Customer Benefits

The seamless foam roof provided a durable, flexible, waterproof and insulating surface that stands up to the installation and maintenance of different rooftop equipment configurations, such as multiple air conditioners, without leaking. The high R-value of the SPF – 6.25 per inch of thickness – permitted the downsizing of mechanical systems, decreasing capital expenses and lowering building operation expenses. Using System 14, West Roofing delivered numerous environmental benefits in sustainability, low VOC emissions, use of recycled material, and energy-efficient design – valuable green building practices that contributed towards 11 LEED points.

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.

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