

PROJECT PROFILE: Mercer County Career Center

Sustainable. Seamless. Solutions.

PROJECT NAME

Mercer County Career Center

PROJECT LOCATION

Mercer, PA

CONTRACTOR

West Roofing Systems, Inc.

121 Commerce Dr.

Lagrange, OH 44050

800.356.5748

www.westroofingsystems.com

PROJECT TYPE AND SIZE

Municipal/Education - 106,000 sq. ft.

SYSTEM

PremiSEAL™ SPF and SeamlSeAL™

ULTRA HS Silicone Coating over
existing granulated mod bit



West Roofing Systems, Inc.



When the Mercer County Career Center in Mercer, PA needed a new roof, they were looking for a high-quality system that wouldn't break the bank. After 20 years of exposure to the elements, the Career Center's 20-year-old modified bitumen roof had seen better days and was beginning to leak. Replacing the 106,000-square-foot roofing system was expected to be time-consuming and very costly.

Roofing contractor West Roofing Systems offered the Mercer County Career Center a quicker and less expensive alternative than tearing off and replacing all the existing roof components.

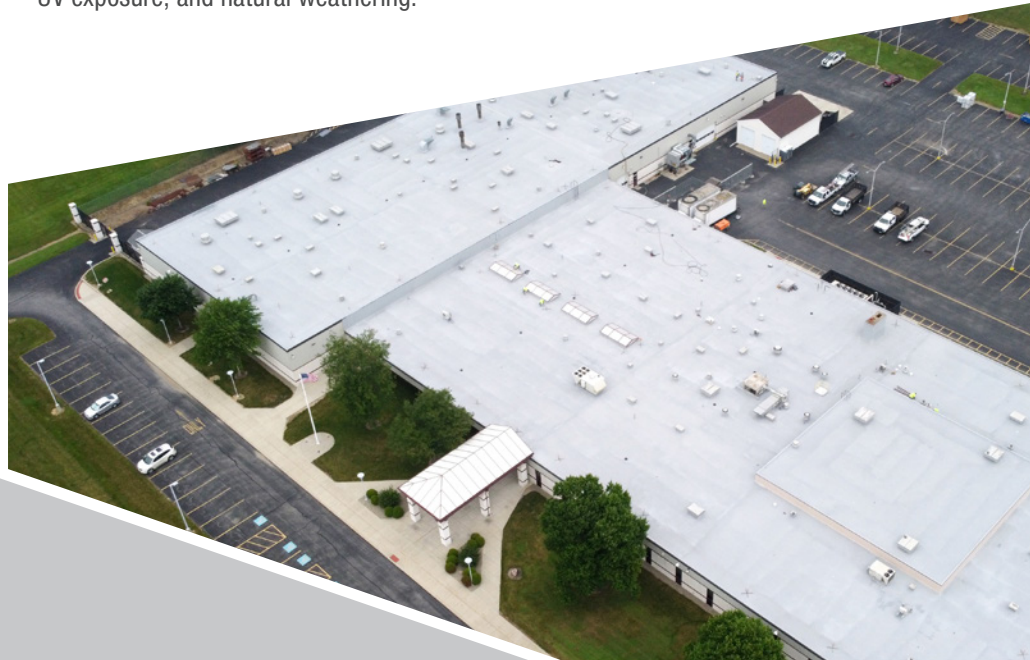
Proposal

West Roofing suggested installing a spray polyurethane foam (SPF) roofing system right on top of the existing roof, which would be much quicker and more cost-effective than a total tear-off and replacement. For the Career Center project, West Roofing recommended an SPF system from Carlisle Roof Foam and Coatings (CRFC) that carried a 20-year manufacturer's warranty. The fully adhered, self-flashing system is seamless and seals all penetrations with no joints or fasteners, and SPF can be sprayed in a way that builds slope to enhance drainage and eliminate ponding water.

Products

PremiSEAL is a premium roofing spray polyurethane foam that provides a continuous insulation without thermal breaks and is lightweight and easy to maintain.

SeamlSeAL ULTRA HS silicone coatings are single-component, moisture-cured, fluid-applied protective roof coatings that offer excellent resistance to water intrusion, UV exposure, and natural weathering.



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Process

- Completed roof survey with infrared scan
- Cleaned roof with broom and air blasting
- Installed 3 new curbs
- Installed new perimeter edging
- Sealed window wells
- Applied an average of 1.5" of PremiSEAL SPF to field of roof
- Applied 2.5" of PremiSEAL at perimeters
- Applied 30 mils of SeamlSeal ULTRA HSLV silicone coating
- Embedded granules into topcoat of coating

Because CRFC's spray foam could be applied over the existing roof and is easily installed around penetrations, the spray foam proposal was about one-third the cost of the alternative. The project was completed in 25 days and only took a crew of eight roofers to install.



**Roof
Restoration**



**Silicone
Coating**



SPF



About West Roofing Systems

West Roofing Systems is a commercial roofing contractor serving the Midwest, Southeast, and Northeast regions of the US. From inspection and application to routine maintenance, West Roofing has a roofing solution for any shape or size. Their philosophy is to take care of their customers so they continue to call on them for all of their roofing needs. Established in 1979, West Roofing has installed over 60 million square feet of commercial and industrial roofs, and their project managers and applicators bring decades of experience to each job.



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