

PROJECT PROFILE:

Metzenbaum Center Re-roofing: Protecting the Needs of Others

Sustainable. Seamless. Solutions.



PROJECT NAME

Metzenbaum Center

PROJECT LOCATION

Chesterland, OH

CONTRACTOR

West Roofing Systems, Inc.
121 Commerce Dr
Lagrange, OH 44050
800-356-5748
www.westroofingsystems.com



West Roofing Systems, Inc.

The Metzenbaum Center supports more than 800 individuals with developmental disabilities and their families in Geauga County, Ohio, by helping them live, learn, and earn in the community. When the center replaced their 20+ year-old roof, they had a strict budget and needed a cost-effective, sustainable solution.

PROBLEMS

- The Metzenbaum Center has expensive equipment inside, so dependable protection against leaks was paramount.
- The project had a strict budget.
- There were different buildings that had different types of roofs.
- The project was a combination of low- and steep-slope roofs with HVAC units and duct work.
- There were many roof transitions between roof levels.
- There were low walls without room to create traditional flashings.

PROPOSAL

This project originally went out for bid with a different type of roof system that ended up being over budget. West Roofing Systems had attended the original meeting and proposed SPF, so the architect reached out to West Roofing and reviewed their proposal. West Roofing suggested that re-covering the existing roof would offer a high-performance, economic, and environmentally friendly alternative to tearing off the old roof.



Established in 1979, West Roofing Systems Inc. has been installing spray polyurethane foam (SPF) roof systems for over 40 years. They can be trusted to provide solutions to even the most complicated projects. For the Metzenbaum Center, West Roofing suggested leaving the existing roof in place and covering it with 1.5"-thick SPF, followed by 30 mils of silicone coating with granules.

PRODUCTS

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

SeamlesSEAL ULTRA Silicone HSLV Coating is a single-component, moisture-cured, fluid-applied silicone coating that is specially formulated to meet low-VOC requirements. Offers excellent resistance to water intrusion, UV exposure, and natural weathering.

PROCESS

- There weren't many laborers on the job, which attributed to it coming in under budget.
- CRFC's SPF is easy to spray apply and gave West Roofing the ability to create smooth transitions and surfaces.
- Speed was a huge benefit; the project was completed in a third of the time that was allotted in the spec.
- The architect loved the versatility of the system because it allowed them to conquer details and transitions while creating one seamless and completely adhered roofing system with insulation and membrane.
- The CRFC SPF system allowed West Roofing to not tear off the roof, saving the environmental and financial costs of shipping old roofing materials to the landfills.
- Once complete, the Metzenbaum Center roof received a 20-year Total System Warranty.



Before



After



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