



West Roofing Systems, Inc.

Customer Type: 14th Street
Theater Roof Reconstruction
Project Size: 7,000 square feet
Location: Cleveland

Project

Since their first SPF roof installation in 1972, PlayhouseSquare has insisted on the use of SPF roofs – the most sustainable, environmentally responsible, energy efficient, and cost-effective system available. Portions of this foam work, especially over the windows of the vertical auditorium walls, had to be installed to appear as though no work had been done to the original construction. The termination points, feathered edges, and overall smooth appearance of the application were absolutely critical to the success of the project.



Specifications

- Renovate and install LEED certified SPF roofing, contributing to 16 LEED points.
- Horizontal surfaces utilized a base coat of 10 mils high-solids silicone coating containing 20% recycled EPDM content, finished off with Bright White high-solids silicone coating with 40 pounds per square inch of Sesco "Snow White" roofing granules.
- Vertical surfaces of the auditorium walls received a 10 mil base coat and 10 mil top coat of high-solids silicone coating to match the existing color of the structure.

Implementation

A crew of 6 workers installed new dimensional framing supports for the attachment of 1,600 square feet of new 5/8" CDX plywood that provided bridging and encapsulation of areas that could not be accessed for the new roof installation. Utilizing an average thickness of 2" of spray polyurethane foam, 7,000 square feet of theatre quality foam roofing and insulation was installed in 5 days. All of the architectural lines of the cast-in-place auditorium structure were maintained, providing a fresh, clean appearance the owner was looking for.

Customer Benefits

We were proud to be able to offer SPF that is on the cutting edge of environmental stewardship. A portion of the project utilized the latest foam with Honeywell's new Solstice® Liquid Blowing Agent. We also added the use of the latest technology in SPF to the already environmentally responsible roof system including: seamless/monolithic highly energy efficient spray foam, ultra-low VOC, high-solids silicone coating with post-consumer recycled content, reduced freight, reduced drum use, regionally manufactured, and reduced application time—all of this reinforced PlayhouseSquare's philosophy of environmental stewardship.

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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 helped 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.

West Roofing offers a single-source solution for almost every roofing situation: spray foam. A sustainable roofing system, spray foam features a silicone topcoat applied over an SPF base, creating a seamless, durable roof covering that uses no mechanical fasteners and eliminates moisture and leakage.

For more information about West Roofing Systems, Inc. visit us at www.westroofingsystems.com

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