



**VOLATILE FREE** INC.<sup>®</sup>  
MANUFACTURER OF HIGH PERFORMANCE POLYMERS

Sustainability  
Durability  
Flexibility

## Case Study: **Washington Roofing & Insulation, Inc.**

### CONTRACTOR

**Washington Roofing & Insulation, Inc.**

### LOCATION

**Fort Scott, Kansas**

### VFI REPRESENTATIVE

**Adam Scheafbauer**

### ROOF HISTORY

Bailey Hall at Fort Scott Community College was experiencing roof seam leaks. The Modified Bitumen roof was starting to alligator where past repairs had been made with asphaltic material.

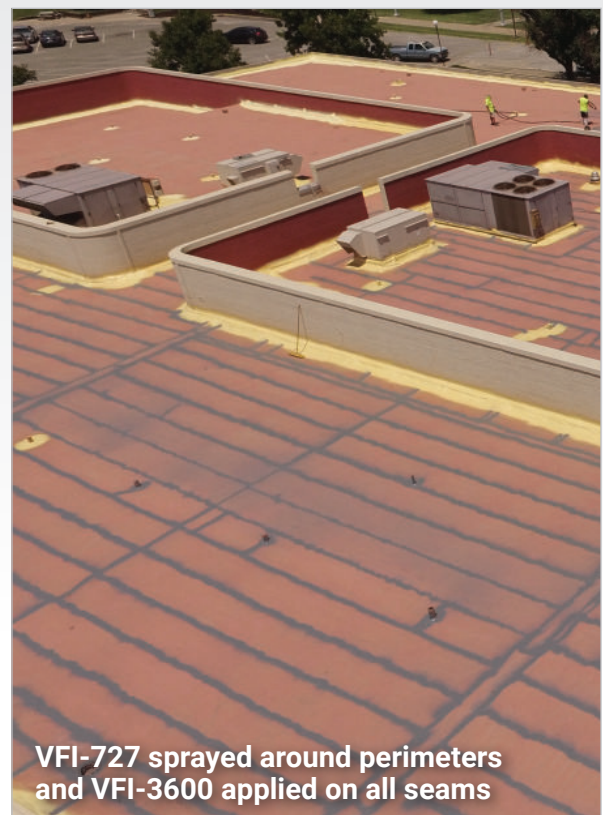
### THE SOLUTION

Washington Roofing & Insulation, Inc. chose to use the ultimate Volatile Free, Inc. Roofing System. This includes:

1. VFI-#11 Water Based Epoxy Primer
2. VFI-727 Polyurethane Spray Foam
3. VFI-3600 Polyurethane Basecoat
4. SEALGUARD VFI-990 SILICONE

### THE INSTALLATION

Washington Roofing & Insulation used VFI-727 Polyurethane Spray Foam around the perimeter of the roof, roof units and all protrusions. They then treated every seam with VFI-3600 Polyurethane Base Coat for the best security and to make them water tight. Last, they coated the roof with UV Stable High Solids SEALGUARD VFI-990 SILICONE.



## THE RESULT

This roof had been leaking for quite some time into the classrooms below. This system stopped all leaks, restored integrity to the roof and saved the college a costly tear off.

## PRODUCT INFORMATION

VFI-#11 Water Epoxy Primer is a general purpose, two component, water based, epoxy primer. It provides excellent adhesion and superior strength to most metal, mod bit/BUR single-ply, concrete and wood.

VFI-727 Polyurethane Spray Foam is a spray applied, polyurethane, roofing insulation foam. When combined with SEALGUARD VFI-990 SILICONE, it forms a superior barrier that can extend an existing roof's life. VFI-727 Polyurethane Spray Foam is UL certified.

VFI-3600 Polyurethane Basecoat is a two component, aromatic polyurethane coating that forms a tough elastomeric membrane, that provides waterproofing and impact resistance when applied to the existing roof substrate.

The SEALGUARD VFI-990 SILICONE is a cool roof coating and is UL, Energy Star, Miami Dade, and T24 certified. SEALGUARD VFI-990 SILICONE is also a single component, high solid roof coating. It forms an elastomeric, waterproof, white membrane that protects your roof from water damage and UV deterioration.

## ABOUT US

VFI has specialized in products that protect your roof and insulate your home or building for over 20 years. Currently, VFI manufactures a variety of protective roof coatings including; Silicone, Polyurea Hybrid and Acrylic Coatings. VFI also manufactures roofing spray foam and open cell and closed cell spray foam for commercial and residential properties. In addition, VFI offers top of the line epoxy primers that are compatible to all VFI roof coatings and substrates.



**VFI-990 topcoat over VFI-3600, VFI-727 and VFI-#11**

For more information, contact us today at **800-307-9218**

[www.volatilefree.com](http://www.volatilefree.com)



This information and technical advice provided herein are believed to be reliable and accurate to the best knowledge of Volatile Free, Inc., As based on tests and should serve only as a recommendation. As the manufacturer, Volatile Free, Inc makes no representations or warranties of any kind, expressed, implied or statutory, including but not limited to all implied warranties of merchantability or fitness for use or a particular purpose, or any other matter with respect to this product. Volatile Free, Inc makes no representations or warranties as to the results of the use of the product and assumes no obligation or liability in connection therewith. Volatile Free, Inc is not liable for any special, exemplary, punitive, incidental or consequential damages of any sort or kind from use of this product. The information provided herein is subject to change at any time without notice. Information changes may include, but are not limited to, commercial and technical changes, changes in pricing, physical characteristics and packaging.