



VOLATILE FREE, INC CASE STUDY

Washington Roofing & Insulation, Inc. use VFI[®] Silicone system at Cottey College

Contractor: Washington Roofing & Insulation, Inc.

Location: Nevada, Missouri - Cottey College

VFI Representatives: Adam Scheafbauer

Type of Project: Spray Foam and Silicone Coating Restoration

ROOF HISTORY

Over the last 30 years, Cottey College has worked with Washington Roofing & Insulation on several roofing projects across campus. For this project, they were looking to repair the roof over the college's gym and pool area.

The roof was originally completed with a spray polyurethane foam and silicone top coat. The roof had become worn over time and the customer was looking at restoration options. They also wanted to incorporate large solar panels. Washington Roofing & Insulation knew it would be important to use a quality spray polyurethane foam and silicone system to make the roof as smooth as possible.

Washington Roofing & Insulation specialize in spray polyurethane foam and elastomeric coating applications and have completed millions of square feet of roofing and waterproofing projects in their 30 plus years of experience.

THE SOLUTION

Washington Roofing & Insulation has had a strong relationship with VFI representative, Adam Scheafbauer for years. They chose to use VFI-727 Polyurethane Spray Foam and *SEALGUARD* VFI-990 SILICONE due to the longevity of these products. Since the roof had little to no slope, Washington Roofing & Insulation were concerned about ponding water, but also confident that the *SEALGUARD* VFI-990 SILICONE would protect the roof accordingly.

Washington Roofing & Insulation are experts in the industry and are focused on renewable solutions. The VFI Silicone System is renewable in that you avoid the risk of a costly tear off.



Before VFI-727 Polyurethane Foam and *SEALGUARD* VFI-990 SILICONE

INSTALLATION DETAILS

Washington Roofing & Insulation used a scarification process to renew the existing foam on the roof.

The process included removing about 1-1.5 inches of the old foam and replacing it with VFI-727 Polyurethane Spray Foam.

Steps:

1. Power wash roof area
2. Scarify Roof Area
3. Apply 1 to 1.5 inches of VFI-727 Polyurethane Spray Foam
4. Apply 2.5 gallons per 100 square feet of SEALGUARD VFI-990 SILICONE Coating
5. Apply .5 gallons per 100 square feet of SEALGUARD VFI-990 SILICONE Coating with broadcasted granules.



VFI-727 Polyurethane Spray Foam

PRODUCT INFORMATION

For over 20 years, Volatile Free, Inc. has manufactured roof coatings and insulation for commercial and residential properties.

The SEALGUARD VFI-990 SILICONE is a cool roof coating and is UL, Energy Star, Miami Dade and Title 24 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.

VFI-727 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 is UL certified.



VFI-727 Polyurethane Spray Foam

For Information, contact us today at **800-307-9218**

www.volatilefree.com



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