



➤ **Type of Project:**

TPO Roof Restoration

➤ **Location:**

Virginia Beach, Virginia

➤ **Specification:**

VFI® High Solids Silicone System

➤ **Contractor:**

Infinity Roofing & Siding

➤ **Customer:**

DAO Group

➤ **Problem Solved:**

Damaged and Leaking Roof

➤ **Completion Date:**

January 2021

Infinity Roofing helps DAO Group avoid costly roof tear-off by using VFI® High Solids Silicone System

SCENARIO

DAO Group is an experienced provider of software and hardware solutions located in Virginia Beach, Virginia. When the company began to experience leaks in the existing TPO membrane roof system, primarily caused by mechanical damage, they needed to find a waterproofing system that would provide a permanent solution without disrupting day-to-day activities.

Using silicone as a maintenance coating offers a long-term, waterproof solution while being much more cost efficient, and ecofriendly, than a full roof replacement. When done properly, a silicone roof coating offers a monolithic layer of protection that can last for years.

Volatile Free, Inc. is a family owned and operated chemical manufacturer doing business in the Midwest since 1995. Better known as VFI throughout the industry, we custom formulate high performance polymers for some of the most innovative companies in America. While always striving to offer adaptability, durability, and sustainability to our vast portfolio of products, we are recognized for and committed to offering unparalleled customer service.

Contact us to learn about our custom solutions!

Call one of our experts today!

800-307-9218



SOLUTION

Infinity Roofing reached out to their VFI rep, Adam Scheafbauer, to identify a long-term solution to the ongoing leaking problem. The Volatile Free High Solids Silicone Roof System was selected for this project as it can be applied to virtually any existing roof substrate to create a durable, seamless membrane that waterproofs and protects against ponding water, UV degradation, and sustained weathering. Additionally, by using a maintenance coating, the owner eliminated the need for a costly roof tear-off.



INSTALLATION DETAILS

To ensure a clean surface, the existing membrane was pressure washed with VFI-1009 Cleaning Detergent and allowed to dry. VFI-#11 9:1 Epoxy Primer was then applied to all areas to be coated. Once the primer was cured, all seams and penetrations were inspected and detailed with SEALGUARD VFI-993 Silicone Flashing Grade as required. To complete the coating process, Sealguard VFI-990 High Solids Silicone was spray-applied at a rate of 2.5 gallons per 100 square feet to create a waterproof membrane over the existing TPO.

OUTCOME

The High Solids Silicone Roof System from Volatile Free, Inc. was able to provide DAO Group with a dependable monolithic membrane that will protect their building from future leaks and UV degradation for years to come.

Infinity Roofing and Siding is a reliable commercial roofing company with a reputation for excellence. With nearly two decades of proven expertise, they have made a name for themselves as a Top 100 Roofing Contractor nationwide. Visit them at <https://infinityroofer.com> to learn more.



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