



**VOLATILEFREE** INC<sup>®</sup>  
MANUFACTURER OF HIGH PERFORMANCE POLYMERS

Sustainability  
Durability  
Flexibility

## Case Study: **Victory Christian Center**

### TYPE OF PROJECT:

## Silicone Roof Application

### LOCATION:

## Tulsa, Oklahoma

### CONTRACTOR:

## Capstone Roofing

### VFI SALES REPRESENTATIVE:

## Adam Scheafbauer

### ROOF HISTORY

Victory Christian Center is a well known church and school located in Tulsa Oklahoma. Anyone familiar with Tulsa will tell you the center has a prominent presence as you pass it on Lewis Avenue.

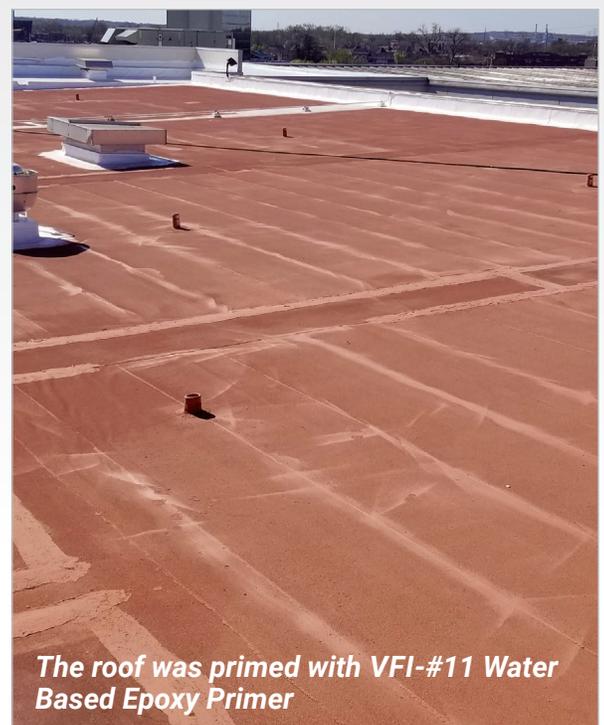
The existing roof started to degrade around the metal flashing, due to ponding water. Capstone Roofing received a call from Victory Christian Center to come out and inspect the roof. Upon inspection Capstone realized this project provided a higher degree of difficulty than most.

The existing roof consisted of multiple substrates and needed a coating system that would adhere to various surfaces. Capstone Roofing was tasked with meeting school regulations and working around school and church functions.

### THE SOLUTION

Capstone Roofing consulted with Volatile Free, Inc. (VFI) representative, Adam Scheafbauer to come up with a solution that would be aesthetically pleasing, while still providing maximum performance. The products selected were:

- VFI-#11 Epoxy Primer
- SEALGUARD VFI-990 Silicone



## THE INSTALLATION

Proper surface preparation occurred before installing SEALGUARD VFI-990 Silicone. In order to insure all dust, dirt and debris were removed, Capstone cleaned and power washed the roof using appropriate surface cleaners.

Next VFI-#11 Primer was applied to provide excellent adhesion to various substrates including, metal and single-ply surfaces.

Repairs around the roof's seams and penetration points were made using reinforcing polyester fabric, insuring that no water penetration would occur.

A finish coat of SEALGUARD VFI-990 Silicone was sprayed in accordance to VFI specs.

## THE RESULT

SEALGUARD VFI-990 Silicone extended the roofs useful life while providing an aesthetically appealing solution to combat degradation and ponding water.



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