



# COLONNADE TOWERS: Saving the Big Red Roofs

## PROJECT INFORMATION

**Project Year**  
2017

**Project Size**  
160,000 Sq. Feet

**Project Location**  
Birmingham, Alabama

**Project Overview**  
Silicone Restoration  
over a Metal Roof

**Manufacturers Used**  
Accella Polyurethanes  
Progressive Materials

Hoar Construction was hired to revive the abandoned Colonnade Towers and turn them into offices for a business with over 1,700 employees. Over the years, the towers had become a local landmark for passersby as the big “red” roofs.

West Roofing Systems was called to help with waterproofing the gigantic “red” roofs. Over the years a significant amount of surface rust had developed, along with the failing washers of the grommeted fasteners contributing to the numerous leaks the facility had been experiencing.

The price for the silicone coating system was 25% of the cost of the metal roof replacement project. The 20-year full-system warranty provides the owner with a piece of mind that their roofing concerns are at rest. Upon the expiration of the initial warranty, another restoration application can be installed providing a cost-effective lifecycle for these facilities while being genuinely sustainable and utilizing environmentally responsible solvent-free silicone coatings.



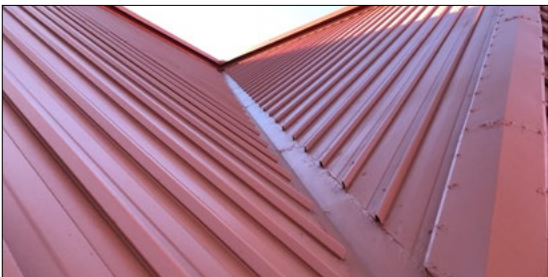
Before



Power Washing Roof Surface



High Solid Silicone Application



Finished Project

## Final Scope of Work

The final scope of work included:

- Power washing the entire roof surface
- New 2-piece, shop fabricated, 24 gauge Kynar finished valley metal installed over the existing condition and counter flashed to provide a shingled effect under the existing roof panel
- RoofTeck® MF20/20 high-tensile polyethylene fiber utilized to custom blend different viscosities of “butter grade” sealant to encapsulate the panel end laps, fasteners and transition details. The MF 20/20 added to PolySil 2500 allowed us to create a product specific to the panel end lap, fastener and transition details application.
- Base coat of 12 mils of Corrosion Control Poly-Sil™ 2200CC Solvent-based silicone coating in Terracotta color
- Topcoat thickness of 18 mils of Poly-Sil™ 2500 High-solids silicone coating in Terracotta color

## About West Roofing Systems, Inc.

West Roofing Systems, Inc. is the company of choice for installing quality, sustainable, silicone and spray polyurethane foam (SPF) roofing systems and wall coatings that waterproof, insulate, and protect commercial, school, and industrial buildings.

The turnkey operations provided by West Roofing help reduce costs and streamline all phases of roofing and wall restoration projects, from initial inspection to the application of a durable silicone roof or wall coating system.

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