PROGRESSIVE MATERIALS

ENGINEERING SUSTAINABLE ROOFING SOLUTIONS

RETAIL GIANT ENJOYS BENEFITS OF SILICONE RCR ROOF SYSTEM

Atlanta, Georgia

Project Profile

HISTORY

For a national retail giant with over 20,000,000 square feet of roof at their various distribution facilities across the US, finding a cost effective, high performance roofing system was critical. After 2 years of product evaluation and field trials, they made the decision to go with the Silicone Roof Coating Restoration (RCR) System manufactured by Progressive Materials.

Now, after 5 years and over 4,000,000 square feet successfully installed at a fraction of the cost of a roof replacement, they exclusively install the Silicone RCR System on all of their existing single ply PVC, TPO, Hypalon & metal roof panels.

PROBLEM

Every time it rained at their 2,000,000 square foot Georgia distribution facility, the retailer was faced with 50 to 60 leaks in the 12 year old PVC roof system. With millions of dollars worth of product inside the building, they could not tolerate the leaks any longer.

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PHONE (812) 944-7803 **FAX** (812) 944-7804 **WEB** PMsilicone.com

Project Profile (continued)

The Progressive Materials Silicone RCR Roof System allowed this national retailer to perform more work on their roof while spending fewer dollars. Maximizing their roofing budget is of upmost importance given the size of their real estate portfolio, and the RCR System was the most effective way for them to do this.

SOLUTION

The retailer chose the Progressive Materials Silicone RCR Roof System to solve their problems. This cost effective solution allowed them to complete the project for less than ½ the cost of a roof replacement.

With the minimal amount of roof tear-off required, the occupants experienced no disruption in their operations.

Furthermore, this roof restoration system provided immense ecological benefit by eliminating 40,000 yards of waste going to the landfill through the utilization of the sound insulation already in place; eliminating the energy and natural resource consumption to produce new insulation and saved thousands of gallons of diesel fuel that it would have taken to transport these products to the facility.

The project engineer for the owner states, "We truly love this system. We are able to do more roofing projects for the same dollars, which makes our life a lot easier. Not only are we saving money, we are adding to our corporate mission of making responsible environmental decisions, which is very important to our company."

SCOPE OF WORK

- *Power-washed roof surface*
- *Locate existing wet areas with infrared roof scan*
- *Remove and replace all wet insulation*
- *Treat all deficient seams and flashings*
- *Installed 30 mils of HS 3201 solvent-free silicone roof coating*

BENEFITS

The new roofing system installed at the distribution center provided an enormous benefit to the retailer:

- *Substantial cost savings*
- *Low environmental impact*
- *Reduced energy costs due to reflective surface*
- *Qualified for LEED credits*
- *No down-time for the center*
- *Durability in extreme weather*
- *15 year Manufacturers Warranty*
- *Low on-going maintenance*