



RCR SYSTEM PROTECTS SENSITIVE OPERATIONS WATERPROOFING 1.1 MILLION SQUARE FEET

When Interior Climate Matters Most:

HISTORY

The Gorilla Glue manufacturing facility in Sharonville, OH, is a 1.1 million square foot, state of the art facility. It not only houses the manufacturing equipment, but also accounting and sales offices, an R&D department, shipping and receiving, inventory storage, and meeting spaces. Gorilla Glue, the second largest glue manufacturer in the US, relies on this facility for many different aspects of its operations.

PROBLEM

The materials manufactured by Gorilla Glue are precisely formulated. Any excess moisture in the facility can adversely impact the performance of the glue depended upon by millions.

As such, when leaks were discovered in the 25-year-old roof, Gorilla Glue sought to quickly, effectively, and affordably stop the leaks and get their roof back under warranty.

SOLUTION

While other systems would have required the 25-year-old roof to be torn off and replaced, the Silicone Roof Coating Restoration (RCR) System utilized the existing roof. This process saved time, money, and eliminated waste.

West Roofing submitted a bid to Gorilla Glue that would utilize the Progressive Materials' RCR system and proved they were able to provide the glue manufacturer with the most affordable option. A single application of our white High Solids Silicone Roof Coating would be the perfect system to stop the leaks and provide a warranty to Gorilla Glue - quickly.



Working Quickly and Efficiently



The entire roof had to be powerwashed to clean off a black substance present on many EPDM roofs.

A halfway-coated black roof illustrates the benefits of a reflective roof, as you can see the difference in brightness on the wall.

SCOPE OF WORK

Utilizing a crew of only 12 workers on a 1.1 million square foot roof isn't usually feasible, let alone efficient, but the following was completed in just 6 ½ months:

- Perform infrared scan to locate and replace wet insulation
- Apply P-120 EPDM Rinseable Cleaner
- Powerwash roof surface to remove cleaner
- Repair any seam or flashing failures
- Prep seams with FT 500 Butyl Fleece Tape and PF 212 Polyester Fabric for increased strength
- Apply 30 mils of HS 3201 Silicone Roof Coating to field of roof in a single coat

BENEFITS

A building this size with a black roof can get up to 60 degrees hotter than the air. Cooling the roof down keeps the interior cooler and reduces energy expenses. In addition to reflectivity, silicone coatings provide:

- Substantial cost savings over traditional roof replacement
- Low environmental impact
- Qualifies for LEED credits
- No down-time for the factory
- Durability in extreme weather
- 15 year watertight warranty
- Low ongoing maintenance

Most importantly, the Silicone RCR system provided a watertight, leak-free roof and allowed Gorilla Glue to work in confidence knowing their products would not be damaged by unwanted moisture.

Contact Stonebridge Roofing for more detailed specifications on a Progressive Materials roofing system that is right for you.

