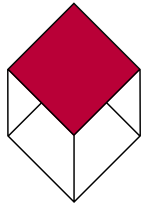


Project Profile



Rexam

Packaging company protects its assets with replacement roof

Problem

The original roof was built in 1972 and most of it was covered 11 years ago with EPDM. Poor design of the roofing system caused several roof component failures in a short period of time. Leaks were occurring around skylights and the building perimeter. The membrane in the field and at base flashings was torn and detached. Insulation was saturated causing ponding between units and



scuppers, as well as consequential leaks. The company was in need of a new long lasting roof.

Solution

D. C. Taylor Co. completely removed the existing EPDM and remaining built-up roofing system, as well as 23 skylights which were replaced with steel deck. Once down to the structural deck, 3.5" isocyanurate insulation was applied to increase the total R-value and reduce energy costs. The joints of the insulation were staggered to prevent thermal bridging, and tapered insulation was added between scuppers and roof top units to get the water to flow to the downspout locations and keep water from ponding between the units. A 60-mil white TPO



membrane system was installed. The durable steel deck was ideal for this mechanically fastened roofing system, manufactured by GAF Materials Corp. The 60-mil membrane was chosen for its durability, and the TPO for its ability to move with the building's expansion and contraction.

Rexam Excelsior Springs, Missouri

Rexam is a consumer packaging company that serves many markets including beverage, personal care, healthcare, and food. It produces aluminum cans, as well as plastic bottles, containers, closures and tubs, and injection molded components. Rexam has about 110 manufacturing facilities in 20 countries.

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Understanding your needs

D. C. Taylor Co. takes great pride in understanding the needs of our clients. Prior to starting work on this project, we took the time to meet with the maintenance manager and tour the facility to find out what is important both inside and outside while work was taking place. First and foremost was safety of employees, followed by minimal disruption of production and protection of assets. A main concern was during skylight removal and deck replacement when debris could have fallen through and either damaged equipment or ruined finished products that were located beneath the site; the solution was to protect this area with a tarp, as well as take great care in the work being done above.

Providing continuous support

Building roofs and relationships that last are equally important at D. C. Taylor Co. This project began small with repairs and maintenance, and became large through confidence and trust; we were chosen to replace this company's roofing system because of our experience, workmanship, and project management skills, and the fact that we will always be there when the company needs us.

My compliments on a job well done

"I wanted to take this opportunity to let you know that the project has moved along to my complete satisfaction. I can not be more complimentary to the crew you had working on this project. I couldn't have asked for a better group of men and women to work with. It has been a pleasure to work with people who not only work hard but are also able to joke and laugh as they work. It has been a great experience working with Mike (Abbey) and Aaron (Moon) and all of the other people. I would hope you would pass on to them my compliments on a job well done. They have been great representatives for your company."

Al Miller – Maintenance Manager, Rexam

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