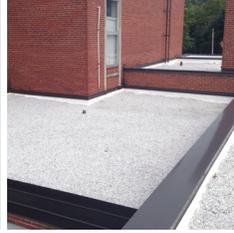




PROJECT HIGHLIGHT

EDUCATION

Garnett Elementary School | Chestertown, Maryland



High-Performance Roofing Solution Designed to Provide 30 Years of Watertight Protection



CHALLENGE

To say the roof at Garnett Elementary School had leaking issues is an understatement. The more than 15-year-old built-up roof leaked so terribly that it was not uncommon to see as many as 20 trashcans lining the hallways during a rainstorm. In addition to the damage caused to the building, the leaking was becoming a serious distraction to the 220 students at the school. The roof had been leaking for several years, but the Kent County School District didn't have the capital funds available to replace it. "The roof had major issues. It was definitely time for it to be replaced," explained Angela Councill, supervisor of financial operations.



SOLUTION

When funding for roofing projects became available, the district determined that Garnett Elementary had the most critical and immediate needs. Councill looked to local Garland representative, Todd Holtzner, who she had met at a local trade show, for help in developing a proper solution. Based on a thorough assessment of the roof, Holtzner recommended the original roof and insulation be removed down to the deck and replaced with a high-performance, two-ply modified bitumen system designed to last 30 or more years.



The new system was installed using Garland's Weatherking® cold-process, VOC-compliant adhesive with StressPly® EUV eco-friendly, fiberglass-polyester reinforced modified bitumen membrane installed as the cap sheet. The system was then coated with flood and gravel to provide additional waterproofing and UV protection. The flashings were coated with a highly reflective, ENERGY STAR® qualified acrylic coating, providing added UV protection, reduced heat gain and a clean, consistent surface.



The district wanted the 45,000-square-foot project complete before students returned to school in the fall, prompting Holtzner to recommend the district procure the project through U.S. Communities Government Purchasing Alliance™ (U.S. Communities) contract for roofing materials and related services currently held by Garland/DBS, Inc. Purchasing cooperatives such as U.S. Communities allow public agencies to pool their purchasing through nationally solicited contracts, helping to save time and money compared to traditional procurement methods. Councill was impressed with the success of the project, her first with Garland. "Todd is very attentive. He followed through with everything from the start of the project to the finish. To me, the project was seamless and went as smoothly as it possibly could have," she explained.

Todd Holtzner
(410) 598-7998
tholtzner@garlandind.com

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