



USC PROJECT HIGHLIGHT

EDUCATION

HG Hill Middle School • Nashville, TN



Restoration Coating Transforms School's Appearance

CHALLENGE

Restoring an aging roof provides building owners with multiple benefits. Not only does it help extend the life of the roof, but it can also drastically improve aesthetics. In the case of HG Hill Middle School in Nashville, Tennessee, the desire to improve the look of the school's roof is what led to the initial roof inspection. The existing single-ply rubber EPDM roof was about 20 years old with a sand-based coating that was badly deteriorating. The roof was visible from the ground and had become an eyesore. The initial inspection revealed that a few seams were starting to open, but less than one percent of the insulation was wet. "It did look bad, but the inspection proved that it wasn't necessary to replace it," said Ryan Wahaib, roof asset manager of facility and grounds for Metro Nashville Public Schools.

SOLUTION

Wahaib worked with local Garland representative, Jeremy Slayden, who provided three solution options, including repair, replacement or restoration.

"I couldn't be happier with the product. I trusted Jeremy's recommendation and I'm glad I did. I also couldn't have been happier with Jeremy. He did a great job from start to finish."

Ryan Wahaib
Roof Asset Manager

The district ultimately chose to restore the roof, which was half the cost of a full roof replacement and will provide 10 years or more of additional service life. The first step in the restoration process involved pressure washing and power brooming the surface to prepare it for application of the coating. Seams and penetrations were reinforced with Garland's UniBond ST™, a fatigue resistant, 100 percent solids tape designed for use with cold-process restoration systems. The 105,000-square-foot roof was then coated with Garland's White-Knight® Plus, a highly reflective, urethane waterproofing membrane. The single-component coating provides waterproofing protection and is chemical and UV resistant. White-Knight Plus is also ENERGY-STAR® and CRRC®-rated, improving the energy efficiency of the building by reflecting harmful UV rays.

The project was procured through U.S. Communities Government Purchasing Alliance™ (U.S. Communities) contract for roofing materials and related services currently held by Garland/DBS, Inc. Procuring the project through U.S. Communities helps save time and money when compared to traditional procurement methods.

Wahaib was pleased with the success of the project, his first with Garland. "I couldn't be happier with the product. I trusted Jeremy's recommendation and I'm glad I did. I also couldn't have been happier with Jeremy. He did a great job from start to finish."

White-Knight Plus and UniBond ST are trademarks of The Garland Company, Inc. and Garland Canada Inc.

Jeremy Slayden
615-542-4997
jslayden@garlandind.com

U.S. Communities Government Purchasing Alliance and U.S. Communities are trademarks of the U.S. Communities Government Purchasing Alliance.

© 2017 Garland Industries, Inc.

