

GENFLEX ROOFING SYSTEMS HELP SET NEW DESIGN STANDARDS FOR SCHOOL COMMUNITY

Collaboration and durable products build up modern North Carolina schools



Project Overview:

For the new construction of Enka Intermediate School, Eastern Corporation out of Youngsville, NC, installed a GenFlex Roofing System. The roof project totaled 80,000 square feet, and featured new design and specification requirements generated for Buncombe County Schools. They used GenFlex .80-mil EZ TPO fully adhered membrane over two layers of tapered 2.6" GenFlex ISO and a layer of 1/2" HD ISO Coverboard. These products were selected for their quality, durability and efficiency. The project was finished using Firestone Building Products edge metal.

In Buncombe County, NC, design, nature and development go hand in hand. When it was time to build a new intermediate school in Asheville, the school board wanted the design to potentially set the standard for future school construction. A green-leaning and progressive community, they wanted to marry function and durability with energy efficiency. It was decided that the newest school, Enka Intermediate School, serving students in grades 5 and 6, would become the prototype for future school construction, and long-lasting materials were a must.

To equip Enka Intermediate with quality products, and to set the standard for the Asheville community going forward, Buncombe County Schools needed the right team. Under the guidance of Marybeth Kingston, AIA, and Tim Fierle, AIA, of Buncombe County Schools, Mid-Atlantic Roofing Supply and Eastern Corporation worked to find an exceptional roofing partner for this project. It did not take long for them to identify GenFlex Roofing Systems as the ideal partner.

“GenFlex has always been a great service provider. When we needed answers, we got them. When we needed the supply, they had the product available.”

— Andy Helms
Mid-Atlantic Roofing Supply

Collaboration Meets Innovation

When it came to deciding on roofing for the project, Andy Helms, a distributor from Mid-Atlantic Roofing Supply, knew GenFlex would be perfect for the job. His close working relationship with Buncombe County on previous school projects – including renovations and new constructions – led him to assembling a team of familiar faces. Eastern Corporation was brought on as the contractor and led by Daniel Park, General Manager. Mid-Atlantic and Eastern Corporation have a long-standing working relationship, especially in the Buncombe County area. Once distribution and contractors were in place, Helms knew GenFlex would be the partner they needed. Having worked with GenFlex for years on other jobs, Helms was familiar with their product line and superior service. He also valued that GenFlex is a division of Firestone Building Products, reinforcing product quality and customer service.

GenFlex Helps Set the Standard

To modernize and deliver an energy efficient facility, Buncombe County school officials were focused. Longevity, architecture and practicality were necessary for this school construction and future projects. The high performance GenFlex EZ TPO membrane was just the right fit. Long-lasting and easily-manipulated, this

.80-mil EZ TPO membrane is designed to provide greater puncture resistance, ensuring a strong performance for generations of students to come.

In addition to its durability, GenFlex EZ TPO is reflective and can help keep solar heat out of schools. This inherently energy efficient aspect of TPO made it the more environmentally friendly choice and helps keep students, teachers and faculty cool.

Buncombe County school officials wanted to set the bar high and the Asheville community wanted something appealing to apply to future community projects. With GenFlex EZ TPO, they both found the functional, innovative roofing they needed to set the standard.

The GenFlex-ible Partner

It's easy for a new construction project to get off course and fall behind schedule. GenFlex has built its reputation on being a dedicated, reliable partner throughout the construction process. For the Enka Intermediate School, their reputation held true. While the project only ran into average, weather-related delays from time-to-time, GenFlex made sure the distributor and contractors had what they needed, when they needed it.

The project finished on schedule, with Mid-Atlantic and GenFlex working together as dependable partners.

The GenFlex EZ TPO membrane provided:

- ▶ Exceptional solar reflectivity
- ▶ Reduced energy and maintenance costs
- ▶ Cost-effective solution
- ▶ Great puncture resistance and strong performance

The GenFlex HD ISO added greater value to the project by:

- ▶ Providing a higher R-value per inch than other insulations
- ▶ Proven fire resistance
- ▶ Maximizing energy savings

